

RECORD OF PROCEEDINGS  
OF THE  
BOARD OF TRUSTEES  
OF  
THE OHIO STATE UNIVERSITY

COLUMBUS

July 1, 1990 to June 30, 1991

VOLUME 1

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1990-1991

THE OHIO STATE UNIVERSITY

Edward H. Jennings, President  
(July 1, 1990 - August 31, 1990)

E. Gordon Gee, President  
(September 1, 1990 - June 30, 1991)

BOARD OF TRUSTEES

	<u>Term Beginning</u>	<u>Term Expiring</u>
Shirley Dunlap Bowser, Williamsport	May 14, 1982	May 13, 1991
Hamilton J. Teaford, Columbus	May 14, 1983	May 13, 1992
John J. Barone, Toledo	May 14, 1984	May 13, 1993
Deborah E. Casto, Columbus	May 14, 1985	May 13, 1994
John W. Kessler, Columbus	May 14, 1986	May 13, 1995
Milton A. Wolf, Cleveland	May 14, 1987	May 13, 1996
Leslie H. Wexner, Columbus	May 14, 1988	May 13, 1997
Alex Shumate, Columbus	August 10, 1989	May 13, 1998
Theodore S. Celeste, Columbus	June 19, 1990	May 13, 1999
Michael F. Colley, Columbus	May 15, 1991	May 13, 2000
Sophia L. Paige, Columbus	May 14, 1989	May 13, 1991
David A. Tonnies, Lake Milton	May 14, 1990	May 13, 1992

OFFICERS

Shirley Dunlap Bowser, Chairperson  
Hamilton J. Teaford, Vice Chairperson  
Madison H. Scott, Secretary  
James L. Nichols, Treasurer

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THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND TWO HUNDRED AND SIXTY-FOURTH MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, July 6, 1990

The Board of Trustees met at its regular monthly meeting on Friday, July 6, 1990, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

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Minutes of the last meeting were approved.

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July 6, 1990 meeting, Board of Trustees

The Chairperson, Mrs. Bowser, called the meeting of the Board of Trustees to order on July 6, 1990, at 11:05 a.m. She requested the Secretary to call the roll.

Present: Shirley D. Bowser, Chair, Hamilton J. Teaford, John J. Barone, John W. Kessler, Milton A. Wolf, Alex Shumate, Theodore S. Celeste, Sophia L. Paige, and David A. Tonnies.

### **HOSPITALS BOARD COMMITTEE REPORT**

Mr. Teaford:

The Executive Committee of the Hospitals Board met on Thursday, June 28, 1990. Mr. Richard Schrock, Administrator for Financial Services, reported that increased activity in both in-patient and out-patient areas during May helped improve the Hospitals' cash position by \$661,000, although it is true we will still have approximately a \$1 million loss for the fiscal year.

Dr. Mekhjian informed us that the Clinical Productivity Task Force, which was formed to identify ways to increase cost efficiency without compromising the quality of care, has submitted its report to the Medical Staff Administrative Committee. Its recommendations were endorsed and additional suggestions were made. This will become a standing committee which will make regular reports to the Medical Staff leadership. Dr. Mekhjian, also, presented the 1990-91 Medical Staff Appointments and Reappointments which the Hospitals Board's Executive Committee did endorse and which we have forwarded to you for action today.

Another piece of evidence that the Hospitals are working very diligently on is cost cutting, but still keeping in mind that it will never touch the quality of care. This has been a regular practice of the Hospitals. And, I think, you will find that despite the kinds of publicity there are about hospitals today, University Hospitals is really on a lean budget and a good one.

Mrs. Patricia Bennett presented the annual report of the Hospitals' Service Board, outlining their considerable friend- and fund-raising efforts through the past year. We expressed our appreciation to Mrs. Bennett and the entire membership and welcomed Mrs. Amelia Nasrallah as the incoming president.

Mr. Bruce Pontious shared insights into effective and successful fund-raising strategies for the future and proposed the establishment of a Medical Center Development Council. This Council would be composed of major donors, community and regional leaders, and representatives from various medical center components. The plan is that the University Trustees would be represented through one of the Hospitals Board members, hopefully Mr. Shumate. We endorsed the establishment of the Council because of the strong support it would provide for the Medical Center's development plans as outlined in the strategic plan. Without significant contributed funds, the Hospitals simply will not be able to meet its capital needs. So this becomes a very, very, important component. It is made all the more difficult because the Hospitals will be competing with the Cancer Hospital and Research Center Institute for funds.

Ms. Karen Jackson reviewed the Safety Program which is in place for employees, visitors, and patients in the Hospitals. Such reports will be a regular quarterly feature of the Hospitals Board meetings because that is now a requirement of the accrediting body.

July 6, 1990 meeting, Board of Trustees

### **HOSPITALS BOARD COMMITTEE REPORT (contd)**

Mr. Teaford: (contd)

Mr. Jerry Maier summarized the activities of the helicopter service and its dollar impact on the Hospitals, and did demonstrate, by his report, that despite the fact that the helicopter service is subsidized, it does result in net gains for the Hospitals increased patient revenue. He also reported that Children's Hospital has recently decided to rejoin the Helicopter Consortium. Mr. Maier also provided progress reports on MedOhio and the Camera Center and Beechwold Center affiliations.

Ms. Kam Sigafoos reported that we are developing a special hospitality area at the Ramada Inn for use by ambulatory surgery patients and their families, and thanked Mr. Nichols for his effort. Special rates and transportation services are being provided to our ambulatory patients.

The Hospitals' administrative and medical staffs recommended that we move forward with a Certificate of Need to extend the use of the biliary lithotripter for clinical applications. The lithotripter is currently limited to research purposes only. In other words, we can't charge anybody for using the machine. We authorized the Hospitals to proceed with the new Certificate of Need.

That completes my report, Madam Chair, but I do have a proposed Resolution. There is presently a vacancy on the Hospitals Board and we are recommending the appointment of Bernadine P. Healy, M.D., to that vacancy. I might point out that Dr. Healy is the Director of Research at the Cleveland Clinic. The one doctor member of the Board is retiring and so it is particularly important that we add another doctor to the Board.

### **UNIVERSITY HOSPITALS BOARD APPOINTMENT**

Resolution No. 91-1

Synopsis: Confirmation and approval of a nominee to the University Hospitals Board.

WHEREAS the Board of Trustees on November 30, 1979, approved the establishment of a University Hospitals Board; and

WHEREAS the membership of the Hospitals Board was approved on April 4, 1980, and has been subsequently amended; and

WHEREAS the term of a general public member of the Hospitals Board has expired:

NOW THEREFORE

July 6, 1990 meeting, Board of Trustees

**UNIVERSITY HOSPITALS BOARD APPOINTMENT (contd)**

BE IT RESOLVED, That the following nominee be approved as a general public member of the University Hospitals Board, effective immediately, for a term ending April 30, 1993:

Bernadine P. Healy, M.D.

Upon motion of Mr. Teaford, seconded by Mr. Shumate, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**INVESTMENTS COMMITTEE REPORT**

Mr. Teaford:

The Investments Committee met this morning and reviewed the status of the Endowment Portfolio as presented by Mr. Rodack. As of June 15, 1990, the market value of the endowment was \$321 million, an increase from \$312.6 million just last month. We were informed that in the last two months, due to the favorable market, our portfolio increased \$19 million. For last year, or at least through 11 1/2 months of last year, the endowment portfolio increased by \$33.7 million, \$20 million of which was in new money. That is the largest amount of new money added to the endowment in any area in the history of the University. The earnings to date last year were \$16.3 million, and \$14.7 million will be distributed in 1990, or has been. It is estimated that \$16 million will be available for distribution in 1991.

(See Appendix I for complete context of The Ohio State University Endowment Summary, June 15, 1990, page 113.)

We also heard a report on the Student Endowment Portfolio by students and professors. I might point out that the return in the four months that the students invested the \$5 million fund was 13.2 percent, which is on an annualized basis of 40 percent. That is 3 percent above Standard and Poor, so indeed that is a very fine performance.

I indicated to them that in order for anyone to receive an "A" in that course we would expect that percentage to be maintained. It is interesting to note that there are some 100 students involved in the course over four different quarters. Several students referred it to a capstone course. One of the students is now a member of the Alumni and he indicated that this course had really been a very valuable experience in preparing him for his career.

(See Appendix II for The Student Investment Management Program, page 129.)

July 6, 1990 meeting, Board of Trustees

**INVESTMENTS COMMITTEE REPORT (contd)**

Mr. Teaford: (contd)

We are also recommending the following resolution:

**AUTHORIZATION FOR DESIGNATED OFFICIALS TO BUY, SELL, ASSIGN  
AND TRANSFER SECURITIES, TO DEPOSIT OR WITHDRAW FUNDS  
FROM BANK ACCOUNTS, AND TO DESIGNATE DEPOSITORIES**

Resolution No. 91-2

Synopsis: The Investments Committee recommended reaffirmation of Board of Trustees Resolution No. 90-2 (July 7, 1989), which authorized designated officials to buy, sell, assign and transfer securities, to deposit or withdraw funds from bank accounts held in the name of The Ohio State University, and to designate depositories.

WHEREAS designated officials of the University buy, sell, assign and transfer stocks, bonds and other financial instruments owned by The Ohio State University; and

WHEREAS various financial institutions are designated as depositories for The Ohio State University; and

WHEREAS accounts at various financial institutions are opened and maintained in the name of The Ohio State University:

NOW THEREFORE

BE IT RESOLVED, That the Vice President for Business and Administration and/or the Treasurer be authorized and empowered to buy, sell, assign and transfer any and all stocks, bonds, evidences of interest and/or indebtedness, rights and options to acquire or to sell the same, and all other securities corporate or otherwise, standing in the name of or belonging to The Ohio State University in any capacity; and

BE IT FURTHER RESOLVED, That the Vice President for Business and Administration and/or Treasurer be authorized and empowered to designate various financial institutions as depositories for The Ohio State University and open and maintain accounts at various financial institutions in the name of The Ohio State University; and

BE IT FURTHER RESOLVED, That the Vice President for Business and Administration and/or the Treasurer be authorized, on behalf of The Ohio State University and in its name, to sign checks, drafts, notes, bills of exchange, acceptances or other orders for the payment of money from said accounts; to endorse in writing or by stamp checks, notes, bills, certificates of deposit or other instruments owned or held by this University for deposit in said accounts or for collection or discount by said banks; to accept drafts, acceptances, and other instruments payable to said banks; to waive, demand, protest, file notice of protest, or dishonor any check, note, bill, draft or other instrument made, drawn or endorsed by the University.

Upon motion of Mr. Teaford, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

July 6, 1990 meeting, Board of Trustees

**INVESTMENTS COMMITTEE REPORT (contd)**

Mr. Teaford:

Also, you will be happy to know that in the Fiscal Year 1990, the portfolio was even with inflation. So inflation did not have a negative factor on the portfolio.

I concluded that meeting by, again, recognizing the extraordinary assistance of Weldon Ihrig to this Board, and I want to do that publicly as well, at this meeting. Weldon has been a tower of strength for this Board. His integrity is beyond question and we very much appreciate the efforts that he has given us. That completes my report, Madam Chair.

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**ACADEMIC AFFAIRS COMMITTEE REPORT**

Mr. Kessler:

The Academic Affairs Committee received a report this morning on the Deans' Meeting in Washington, D.C., headed by Dean Donald Harris and Dr. Manuel Tzagournis. Fred, if you could just briefly talk about the meeting --

Dr. Hutchinson:

We adopted an agenda this year for the Deans. I asked them a year ago to set up an agenda of things they wanted to work on for the year. One item was what we could do to enhance the academic image of Ohio State, not that Ohio State doesn't have a good image, but we would like to enhance it both in the State and nationally. One idea was the deans meeting in Washington, D.C., and, in fact, meeting with the heads of several of the major federal agencies. We were able to do that on June 13 and 14 of this year. I would like to note that there was no extra cost, because all of our deans have to go to Washington, periodically, and we simply scheduled that so they all went at the same time. Almost all of the deans were there for the two days. We do have some pictures on display for you to look at and I am passing out programs for your information.

Mr. Kessler:

Thank you. The Committee is recommending the following resolutions:

**AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY**

Resolution No. 91-3

Synopsis: The Academic Affairs Committee recommended the approval of amendments to rules 3335-5-19, 3335-47-10, and 3335-47-11, of the Rules of the University Faculty.

WHEREAS the University Senate pursuant to rule 3335-1-09 of the Administrative Code is authorized to recommend through the President to the Board of Trustees the adoption of amendments to the Rules of the University Faculty as approved by the University Senate; and

July 6, 1990 meeting, Board of Trustees

**AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)**

WHEREAS the proposed changes in the Rules of University Faculty were approved by the University Senate on June 2, 1990, as follows:

**AMENDED RULES**

3335-5-19 Faculty.

As used in these rules the term "faculty" shall include persons appointed by the board of trustees with regular, regular clinical, auxiliary, and emeritus faculty titles on full- or part-time appointments, with or without salary.

- (A) "Regular faculty": persons with the titles of professor, associate professor, assistant professor, and instructor who serve on appointments totaling fifty per cent or more service to the university.
- (B) "Regular clinical faculty": persons with the titles of professor of clinical (division, department or college), associate professor of clinical (division, department or college), assistant professor of clinical (division, department or college), and instructor of clinical (division, department or college), who serve on appointments totaling fifty per cent or more service to the university. Regular clinical faculty appointments are made only in the college of dentistry, the college of optometry, the departments of veterinary clinical sciences and veterinary preventive medicine in the college of veterinary medicine, the divisions of pharmacy practice and pharmaceutical administration in the college of pharmacy, and the following departments in the college of medicine: anesthesiology, emergency medicine, family medicine, internal medicine, neurology, obstetrics and gynecology, ophthalmology, otolaryngology, pathology, pediatrics, physical medicine, preventive medicine, psychiatry, radiology, and surgery.

The number of persons holding regular clinical faculty titles in each division, department or college cannot be greater than one-third the number of persons holding regular faculty titles in that division, department or college. Individuals appointed to the regular clinical faculty are limited to participating in governance at the division, departmental and college levels, but may not participate in promotion and tenure matters of regular faculty.

(Balance unchanged)

3335-47-10 Regular faculty ranks (requisites, capacities, and tenure accrual).

(A) Instructor.

- (1) Recommendations for appointment as an instructor are subject to the following conditions:
  - (a) Formal requisite: baccalaureate degree and master's degree, or its equivalent, and at least three years of graduate study or relevant professional experience.
  - (b) Capacities: satisfactory evidence that the person being appointed possesses the capacity to develop and meet substantially the criteria described in criteria for promotion and tenure, rule 3335-47-02 of the Administrative Code.
  - (c) Tenure: before an instructor will be granted tenure at that rank, a six-year probationary period must be completed.

**AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)**

- (2) Initial appointments as an instructor are on a probationary basis. Performance is reviewed annually during the probationary period to determine whether or not the appointment will be renewed, subject to the standards of notice set forth in rule 3335-47-09 of the Administrative Code. If the appointment is renewed for a fourth year, the university will inform the instructor during the fourth year as to whether or not the individual is a candidate for tenure. If the instructor is not considered a candidate for tenure, the appointment will not be renewed after the end of the fifth year. If the appointment is renewed for a sixth year, the person involved will be informed by the chairperson or dean, during the sixth year of service, if tenure is to be granted beginning with the seventh year of service. If tenure is not granted, a one-year terminal appointment as instructor will be offered.

**(B) Assistant professor.**

- (1) Recommendations for appointment as an assistant professor are subject to the following conditions:
  - (a) Formal requisite: Ph.D. degree or equivalent qualification.
  - (b) Capacities: demonstrated evidence that the person being appointed possesses the capacity to meet substantially the criteria described in rule 3335-47-02 of the Administrative Code.
  - (c) Tenure: before an assistant professor will be granted tenure at that rank, a six-year probationary period must be completed. Service to the university as an instructor (without interruption on any campus) will be counted in meeting this probationary requirement. Tenure may be granted at an earlier time upon promotion to associate professor.
- (2) Initial appointments as an assistant professor are on a probationary basis. Performance is reviewed annually during the probationary period to determine whether or not the appointment will be renewed, subject to the standards of notice. If the appointment is renewed for a fourth year, the university will inform the assistant professor involved during the fourth year as to whether candidacy for tenure is to be considered. If the assistant professor is not considered a candidate for tenure, the appointment will not be renewed after the end of the fifth year. If the appointment is renewed for the sixth year, the person involved will be informed by the chairperson or dean during the sixth year of service, if tenure is to be granted beginning with the seventh year of service. If tenure is not granted, a one-year terminal appointment as assistant professor will be offered.

**(C) Associate professor.**

- (1) Recommendations for appointment as an associate professor are subject to the following conditions:
  - (a) Formal requisite: Ph.D. degree or equivalent qualification.
  - (b) Capacities: demonstrated evidence that the person appointed meets substantially the criteria described in criteria for promotion and tenure, rule 3335-47-02 of the Administrative Code, and that professional development will continue.

July 6, 1990 meeting, Board of Trustees

**AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)**

- (c) Tenure: a person promoted to associate professor from a lower rank at this university will acquire tenure upon the effective date of promotion.
- (2) A person appointed from outside of this university as an untenured associate professor will serve a probationary period.
  - (a) The probationary period will be two years except as noted in paragraph (C)(2)(b) of this rule. During the second year, the person involved will be informed by the chairperson or dean if tenure is to be granted beginning with the third year of service. If tenure is not granted, a one-year terminal appointment as associate professor will be offered.
  - (b) In cases where the appointment of an individual to the associate professor rank is based upon professional experience of a non-academic nature, the probationary period may be as long as four years. The additional time is provided to give the individual an opportunity to demonstrate appropriate academic accomplishments. The length of the probationary period will be part of the official appointment offer and will have approval of the appropriate dean and the vice president for academic affairs and provost. In this case, the decision to award tenure must be made no later than the last year of the approved probationary period. The decision will be made according to the unit's normal review procedures. If tenure is not granted, a one-year terminal appointment as associate professor will be offered.
- (3) A person appointed from outside this university as a tenured associate professor must have prior approval of the appropriate dean and the vice president for academic affairs and provost.

(Balance unchanged)

**3335-47-11 Regular clinical faculty ranks.**

The titles of regular clinical faculty are professor of clinical (division, department or college), associate professor of clinical (division, department or college), assistant professor of clinical (division, department or college), and instructor of clinical (division, department or college). Individuals in this track may have a full range of responsibilities to appropriate academic units with emphasis on patient care and clinical teaching activities. Clinical activities for faculty members in this category are to be included in approved practice plans.

**(A) Appointment criteria.**

Initial appointments, or transfer, to the regular clinical faculty will be made for individuals with the following experience or credentials:

- (1) They are strict or geographic full-time faculty members in academic units authorized to make regular clinical faculty appointments (see paragraph (B) of rule 3335-5-19 of the Administrative Code).
- (2) They engage in activities which consist primarily of patient care and clinical teaching and supervision.

**AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)**

- (3) They have the appropriate educational background and credentials to engage in the activities outlined in paragraph (A)(2) of this rule. Formal requisite: D.D.S., D.V.M., M.D., Pharm. D., or O.D. degree or equivalent qualification.
- (4) They are essential to the continuing mission of the relevant college as determined by the appropriate clinical division or department chairperson, dean of the college, and vice president for academic affairs and provost.

**(B) Term of appointment.**

- (1) In the first term of appointment to the regular clinical faculty, appointees will be reviewed annually. During the fourth year, a formal review will be conducted. The faculty member will be informed if the appointment is to be renewed after the fifth year.
- (2) Subsequent appointments will be for periods of five years in lieu of tenure. A formal review will be conducted in the fourth year and the faculty member will be informed if the appointment is to be renewed after the fifth year for another five-year term.
- (3) All appointments will be based upon criteria established by the academic unit authorized to make regular clinical faculty appointments (see paragraph (B) of rule 3335-5-19 of the Administrative Code), approved by the dean of the college, and the vice president for academic affairs and provost.
- (4) If the appointment is not renewed, standards of notice must be in accordance with rule 3335-47-09 of the Administrative Code.

**(C) Transfers.**

It is generally expected that the needs of the academic unit and the career goals of the prospective faculty member will result in meshing of need, expectation, responsibility, and expertise to allow a long-term appointment to either the regular faculty or regular clinical faculty. Should a transfer be considered appropriate, the following must be accomplished:

- (1) through (3) unchanged.
- (4) All transfers must be approved by the department appointments, promotions and tenure committee (or college if no departments exist), the division or department chairperson, the dean of the college, and the vice president for academic affairs and provost.
- (5) Only one transfer to or from the regular clinical faculty will be approved during an individual's period of employment at the Ohio state university.

**(D) Promotions.**

Nominations for promotion originate in the department (or college if no departments exist) in accordance with criteria and procedures established by departmental (or college) faculty.

- (1) A department or college may recommend the promotion of an instructor of clinical (division, department or college) to the rank of an assistant professor of clinical (division, department or college) or the promotion of an assistant professor of clinical (division, department or college) to the rank of associate professor of clinical (division, department or college) at any time up to the end of the ninth year. An individual who is not promoted

July 6, 1990 meeting, Board of Trustees

**AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)**

by the end of nine years will be reviewed by the chairperson or dean and the appointments, promotions and tenure committee of the department or college to determine if continued employment is warranted. All recommendations will be reviewed by the appointments, promotions and tenure committee of the department, the college, and the office of academic affairs.

- (2) A department or college may recommend the promotion of an associate professor of clinical (division, department or college ) to professor of clinical (division, department or college) in recognition of outstanding accomplishments. Promotion may be recommended no earlier than the third year of service as an associate professor of clinical (division, department or college). All recommendations will be reviewed by the appointments, promotions and tenure committee of the department, the college, and the office of academic affairs. (B/T 10/5/84, B/T 5/4/89, B/T 7/6/90)

NOW THEREFORE

BE IT RESOLVED, That the foregoing amendments to the Rules of the University Faculty be adopted as recommended by the University Senate.

Upon motion of Mr. Kessler, seconded by Mr. Shumate, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**DEGREES AND CERTIFICATES - SUMMER QUARTER COMMENCEMENT**

Resolution No. 91-4

Synopsis: The Academic Affairs Committee recommended the approval of Degrees and Certificates for Summer Quarter.

WHEREAS pursuant to paragraph (E) of rule 3335-1-06 of the Administrative Code, the Board has authority for the issuance of degrees and certificates; and

WHEREAS the faculties of the colleges and schools shall transmit, in accordance with rule 3335-9-29 of the Administrative Code, for approval by the Board of Trustees the names of persons who have completed degree and certificate requirements:

NOW THEREFORE

BE IT RESOLVED, That the degrees and certificates be conferred on August 30, 1990, to those persons who have completed the requirements for their respective degrees and certificates and are recommended by the colleges and schools, and that the names of those persons awarded degrees and certificates be included in the minutes of this meeting.

Upon motion of Mr. Kessler, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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July 6, 1990 meeting, Board of Trustees

**PERSONNEL ACTIONS**

Resolution No. 91-5

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the June 1, 1990 meeting of the Board, including the following Appointment, Change in Title, Reappointment of Principal Administrative Official, Appointment of Chairpersons of Departments, Reappointment of Chairpersons of Departments and Directors of Hospital and School, Reappointment of Chairpersons of Divisions--Correction in Dates, Leaves of Absence Without Salary, Leave of Absence Without Salary--Change in Dates, Leave of Absence Without Salary--Continuation, Professional Improvement Leaves--Cancellation, Professional Improvement Leaves--Change in Dates, Promotions/Tenure, Promotion/Tenure--Correction, Emeritus Titles, and Authorization as detailed in the University Budget be approved; and the Medical Staff Appointments approved May 31, 1990, and the 1990-91 Medical Staff Appointments/Reappointments approved June 28, 1990, by the Hospitals Board be ratified; and the Medical Staff Appointments and the Honorary Staff Appointments for The Arthur G. James Cancer Hospital and Research Institute be approved.

Appointment

Name: MOON H. KIM  
Title: Professor (Richard L. Meiling Chair of Obstetrics and Gynecology)  
Department: Obstetrics and Gynecology  
Effective: July 1, 1990  
Salary: \$64,800.00  
Present Position: Vice Chairperson and Professor, Department of Obstetrics and Gynecology and Director, Division of Reproductive Endocrinology and Infertility

Change in Title

Name: MAC A. STEWART  
Title: Acting Dean  
College: University College  
Effective: July 1, 1990  
Salary: \$66,000.00  
Present Position: Associate Dean, University College

Reappointment of Principal Administrative Official

ASTRID E. MERGET, Acting Dean, College of Business, effective July 1, 1990, through December 31, 1990, pursuant to rule 3335-3-17 of the Administrative Code.

Appointment of Chairpersons of Departments

July 1, 1990 through June 30, 1994

Aviation	William E. Pippin
Emergency Medicine	Douglas A. Rund
Entomology	David J. Horn

August 1, 1990 through June 30, 1994

Poultry Science	Forest Muir
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July 6, 1990 meeting, Board of Trustees

### **PERSONNEL ACTIONS (contd)**

#### Leaves of Absence Without Salary (contd)

PAUL E. GABRIEL, Assistant Professor, Department of Economics (Lima Campus), effective Autumn Quarter 1990, Winter Quarter and Spring Quarter 1991, to serve as a faculty member of the Department of Economics, College of Business Administration, Loyola University.

MICHEL T. T. JACKSON, Assistant Professor, Division of Speech and Hearing Science, effective Autumn Quarter 1990 and Winter Quarter 1991, to accept a post-doctoral training position in the Speech Communication Group at MIT.

FRANCINE SEVEL, Assistant Professor, School of Allied Medical Professions, effective July 7, 1990, through August 5, 1990, for personal reasons.

FATANEH TAGHABONI, Assistant Professor, Department of Industrial and Systems Engineering, effective Autumn Quarter 1990, Winter Quarter and Spring Quarter 1991, for personal reasons.

#### Leave of Absence Without Salary--Change in Dates

LAWRENCE R. BRAMLAGE, Associate Professor, Department of Veterinary Clinical Sciences, change leave from August 1, 1989, through July 31, 1990, to August 1, 1989, through May 31, 1990.

#### Leave of Absence Without Salary--Continuation

YAIR TAUMAN, Professor, Department of Economics, effective Autumn Quarter 1990, Winter Quarter and Spring Quarter 1991, to continue his visiting professorship at Stony Brook.

#### Professional Improvement Leaves--Cancellation

PHILIP D. STEWART, Professor, Department of Political Science, effective Autumn Quarter 1990, Winter Quarter and Spring Quarter 1991.

HARVEY G. SHULMAN, Associate Professor, Department of Psychology, effective Autumn Quarter 1990, Winter Quarter and Spring Quarter 1991.

#### Professional Improvement Leaves--Change in Dates

JOSEPH C. FERRAR, Professor, Department of Mathematics, change leave from Winter Quarter and Spring Quarter 1991, to Autumn Quarter 1991, Winter Quarter and Spring Quarter 1992.

BELTON M. FLEISHER, Professor, Department of Economics, change leave from Autumn Quarter 1990, Winter Quarter and Spring Quarter 1991, to Summer Quarter 1990, Winter Quarter and Spring Quarter 1991.

SIA K. WONG, Associate Professor, Department of Mathematics, effective Autumn Quarter 1990, Winter Quarter and Spring Quarter 1991, to Autumn Quarter 1990 and Spring Quarter 1991.

July 6, 1990 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

**Promotions and Tenure**

**COLLEGE OF THE ARTS**

**PROMOTION TO ASSOCIATE PROFESSOR with TENURE**

Judith K. Delzell, Music Approved - 10/1/90

**COLLEGE OF BIOLOGICAL SCIENCES**

**PROMOTION TO ASSOCIATE PROFESSOR with TENURE**

Michael A. Cunningham, Zoology, Lima Campus Approved - 10/1/90

**COLLEGE OF BUSINESS**

**PROMOTION TO PROFESSOR**

Ray G. Stephens, Faculty of Accounting/MIS Approved - 10/1/90

**PROMOTION TO ASSOCIATE PROFESSOR with TENURE**

David D. Williams, Faculty of Accounting/MIS Approved - 10/1/90

**COLLEGE OF EDUCATION**

**PROMOTION TO ASSOCIATE PROFESSOR with TENURE**

Steven L. Miller, Educational Studies Approved - 7/1/90

**TENURE**

Josue Cruz, Educational Theory and Practice Approved - 1/1/92

**COLLEGE OF HUMAN ECOLOGY**

**PROMOTION TO ASSOCIATE PROFESSOR with TENURE**

Susan L. Zavotka, Family Resource Management Approved - 10/1/90

**COLLEGE OF HUMANITIES**

**TENURE**

Donna R. Long, Spanish and Portuguese Approved - 10/1/91

July 6, 1990 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

Promotions and Tenure (contd)

**COLLEGE OF MEDICINE**

PROMOTION TO PROFESSOR

Michael B. Howie, Anesthesiology Approved - 7/1/90

PROMOTION TO ASSOCIATE PROFESSOR

Joseph H. Goodman, Surgery Approved - 7/1/90

PROMOTION TO ASSISTANT PROFESSOR

Mary Kathryn Waller, Allied Medical Professions Approved - 10/1/90

Richard B. Davis, Allied Medical Professions Approved - 7/1/90

**COLLEGE OF MEDICINE  
REGULAR CLINICAL FACULTY**

**REAPPOINTMENTS**

ASSOCIATE PROFESSOR

Daniel L. Coury, Pediatrics Approved - 8/15/91  
Neil J. Grossman, Pediatrics Approved - 7/1/91  
William L. Marsh, Pathology Approved - 10/1/91

Promotion/Tenure--Correction

**COLLEGE OF SOCIAL AND BEHAVIORAL SCIENCES**

PROMOTION TO ASSOCIATE PROFESSOR with TENURE

Pamela J. Creedon, School of Journalism, and tenure date approved 10/1/91; corrected to 10/1/90

Emeritus Titles

JOHN G. BOUTSELIS, Department of Obstetrics and Gynecology, with the title Professor Emeritus, effective July 1, 1990.

TIEN Y. CHEN, Department of Civil Engineering, with the title Professor Emeritus, effective July 1, 1990.

ERNEST O. DOEBELIN, Department of Mechanical Engineering, with the title Professor Emeritus, effective July 1, 1990.

July 6, 1990 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

Emeritus Titles (contd)

HSIUNG HSU, Department of Electrical Engineering, with the title Professor Emeritus, effective July 1, 1990.

ANDREW W. MIGLETS, JR., Department of Otolaryngology, with the title Professor Emeritus, effective July 1, 1990.

ROBERT L. PERKINS, Department of Internal Medicine (Division of Infectious Diseases), with the title Professor Emeritus, effective July 1, 1990.

WILLIAM H. SAUNDERS, Department of Otolaryngology, with the title Professor Emeritus, effective July 1, 1990.

WILLIAM E. CLAUSEN, Department of Engineering Mechanics, with the title Associate Professor Emeritus, effective July 1, 1990.

GARETH E. GILBERT, Department of Plant Biology, with the title of Associate Professor Emeritus, effective July 1, 1990.

CLARA CREAGER, Department of Art, with the title Assistant Professor Emeritus, effective September 1, 1990.

PENELOPE GRIFFING, Department of Family Relations and Human Development, with the title Assistant Professor Emeritus, effective July 1, 1990.

ARLINE M. ROLLINS, University Libraries, with the title Assistant Professor Emeritus, effective July 1, 1990.

NATALIA B. MCAFEE, Department of Life Span Process, with the title Instructor Emeritus, effective July 1, 1990.

LUCY J. SCHNEITER, Department of Life Span Process, with the title Instructor Emeritus, effective July 1, 1990.

Authorization

Pursuant to appropriate state statutes the President and/or his designee is hereby authorized to purchase on behalf of Madison H. Scott prior public service credit, not to exceed a total of three years, as provided in Section 145 of the Ohio Revised Code in the Public Employees Retirement System of Ohio. The cost of such service shall be paid from unrestricted funds of the University as provided under Section 3345.16 of the Ohio Revised Code.

(See Appendix III for Letter to Purchase Prior Public Service Credit, page 143.)

Medical Staff--Appointments

WAHAN S. ASLANIAN, M.D., Department of Psychiatry, Attending Staff

JOHN J. DILLON, M.D., Division of Renal Diseases, Attending Staff

July 6, 1990 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

Medical Staff--Appointments (contd)

**NEW APPOINTMENTS TO MEDICAL STAFF  
1990-91**

**DEPARTMENT OF ANESTHESIOLOGY**

BELL, Anthony W., M.D.  
Limited Staff, Department of Anesthesiology

BENSON, Gregory J., M.D.  
Limited Staff, Department of Anesthesiology

CAMPAGNI, Michael A., M.D.  
Limited Staff, Department of Anesthesiology

CONWAY, William F., M.D.  
Limited Staff, Department of Anesthesiology

CUSTER, Robert M., M.D.  
Limited Staff, Department of Anesthesiology

HADAWAY, Scott J., M.D.  
Limited Staff, Department of Anesthesiology

HIESTAND, Daniel C., M.D.  
Limited Staff, Department of Anesthesiology

JACOB, Robert S., M.D.  
Limited Staff, Department of Anesthesiology

KOVER, Alan J., M.D.  
Limited Staff, Department of Anesthesiology

PAPENFUSE, Michael D., D.O.  
Limited Staff, Department of Anesthesiology

PARICIO, Todd S., M.D.  
Limited Staff, Department of Anesthesiology

PASSAFIUME, David M., M.D.  
Limited Staff, Department of Anesthesiology

PIPPIN, William D., M.D.  
Limited Staff, Department of Anesthesiology

REED, H. Paul, M.D.  
Limited Staff, Department of Anesthesiology

REMER, Steven L., M.D.  
Limited Staff, Department of Anesthesiology

July 6, 1990 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

Medical Staff--Appointments (contd)

**DEPARTMENT OF ANESTHESIOLOGY (contd)**

SAWYER, David M., M.D.  
Limited Staff, Department of Anesthesiology

SHIRAKI, Carolyn K., M.D.  
Limited Staff, Department of Anesthesiology

WHEELER, Brett A., M.D.  
Limited Staff, Department of Anesthesiology

WHITE, Elizabeth F., M.D.  
Limited Staff, Department of Anesthesiology

**DEPARTMENT OF EMERGENCY MEDICINE**

BERNDT, Daniel, M.D.  
Limited Staff, Department of Emergency Medicine

CASAVANT, Marcel J., M.D.  
Limited Staff, Department of Emergency Medicine

CLINTON, Carol L., M.D.  
Limited Staff, Department of Emergency Medicine

GAVIN, Thomas J., M.D.  
Limited Staff, Department of Emergency Medicine

HUBBARD, Margaret M., M.D.  
Limited Staff, Department of Emergency Medicine

MULLER, Roger A., M.D.  
Limited Staff, Department of Emergency Medicine

ROBITAILLE, Patricia A., M.D.  
Limited Staff, Department of Emergency Medicine

SCHROEDER, Blake F., M.D.  
Limited Staff, Department of Emergency Medicine

STEIN, Rina A., D.O.  
Limited Staff, Department of Emergency Medicine

July 6, 1990 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

Medical Staff--Appointments (contd)

**DEPARTMENT OF FAMILY MEDICINE**

BEKELE, Tamara S., M.D.  
Limited Staff, Department of Family Medicine

COFFMAN, Judy P., D.O.  
Limited Staff, Department of Family Medicine

MCANALLEN, Curtis M., M.D.  
Limited Staff, Department of Family Medicine

MCNAMARA, Bonnie L., M.D.  
Limited Staff, Department of Family Medicine

RAMOS-RIVERA, Diego, M.D.  
Limited Staff, Department of Family Medicine

SHORE, Philip S., M.D.  
Limited Staff, Department of Family Medicine

SMITH, Scott E., D.O.  
Limited Staff, Department of Family Medicine

WHITEHEAD, Robert D., M.D.  
Limited Staff, Department of Family Medicine

**DEPARTMENT OF INTERNAL MEDICINE -- Division of Cardiology**

HUNNICUTT, Melinda W., M.D.  
Limited Staff, Division of Cardiology

JAFFE, Brian D., M.D.  
Limited Staff, Division of Cardiology

PETNO, Vincent, M.D.  
Courtesy Staff, Division of Cardiology

**DEPARTMENT OF INTERNAL MEDICINE -- Division of Dermatology**

OSBERG, Lisa A., M.D.  
Limited Staff, Division of Dermatology

SPENCER, David M., M.D.  
Limited Staff, Division of Dermatology

July 6, 1990 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

Medical Staff--Appointments (contd)

**DEPARTMENT OF INTERNAL MEDICINE -- Division of Gastroenterology**

PFEIL, Sheryl A., M.D.  
Attending Staff, Division of Gastroenterology

STURGIS, Thomas M., M.D.  
Limited Staff, Division of Gastroenterology

**DEPARTMENT OF INTERNAL MEDICINE -- Division of General Medicine**

ALTENBERGER, Elizabeth A., M.D.  
Limited Staff, Division of General Medicine

AYERS, Lorri A., M.D.  
Limited Staff, Division of General Medicine

DJURIC, Vladimir, M.D.  
Limited Staff, Division of General Medicine

DONELAN, Brian J., M.D.  
Limited Staff, Division of General Medicine

FORD, Gwendolyn F., M.D.  
Limited Staff, Division of General Medicine

FRANKOWSKI, Amy A., M.D.  
Limited Staff, Division of General Medicine

FUGATE, Lisa P., M.D.  
Limited Staff, Division of General Medicine

HALL, Richard A., M.D.  
Limited Staff, Division of General Medicine

HARTKE, Raymond L., M.D.  
Limited Staff, Division of General Medicine

HOUSER, William A., M.D.  
Limited Staff, Division of General Medicine

JUNG, Stephen S., M.D.  
Limited Staff, Division of General Medicine

KEPLINGER, Lynn E., M.D.  
Limited Staff, Division of General Medicine

MALIK, Arvind M., M.D.  
Limited Staff, Division of General Medicine

July 6, 1990 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

Medical Staff--Appointments (contd)

**DEPARTMENT OF INTERNAL MEDICINE -- Division of General Medicine (contd)**

MCGINNIS, Jeffrey B., M.D.  
Limited Staff, Division of General Medicine

MEADE, Theresa A., M.D.  
Limited Staff, Division of General Medicine

MELECA, Michael J., M.D.  
Limited Staff, Division of General Medicine

MUELLER, Penny S., M.D.  
Limited Staff, Division of General Medicine

NICOLOZAKES, Alexandros W., M.D.  
Limited Staff, Division of General Medicine

O'GRADY, Naomi P., M.D.  
Limited Staff, Division of General Medicine

RALSTON, David R., M.D.  
Limited Staff, Division of General Medicine

RHOADES, Chris A., M.D.  
Limited Staff, Division of General Medicine

SCHULSKI, Linda A., M.D.  
Limited Staff, Division of General Medicine

SIEGEL, Randall S., M.D.  
Limited Staff, Division of General Medicine

SIVIK, Mary T., M.D.  
Limited Staff, Division of General Medicine

SPECH, Robert W., M.D.  
Limited Staff, Division of General Medicine

WHITED, John D., M.D.  
Limited Staff, Division of General Medicine

**DEPARTMENT OF INTERNAL MEDICINE -- Division of Hematology/Oncology**

UNGERLEIDER, James S., M.D.  
Attending Staff, Division of Hematology/Oncology

July 6, 1990 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

Medical Staff--Appointments (contd)

**DEPARTMENT OF INTERNAL MEDICINE -- Division of Infectious Diseases**

IKERD, Tracey R., M.D.  
Limited Staff, Division of Infectious Diseases

**DEPARTMENT OF INTERNAL MEDICINE -- Division of Renal Diseases**

ROVIN, Brad H., M.D.  
Attending Staff, Division of Renal Diseases

**DEPARTMENT OF NEUROLOGY**

NEWTON, Herbert B., M.D.  
Attending Staff, Department of Neurology

BLANKENSHIP, Larry L., M.D.  
Limited Staff, Department of Neurology

MAKLEY, Michael J., M.D.  
Limited Staff, Department of Neurology

PHILBROOK, Bryan L., M.D.  
Limited Staff, Department of Neurology

**DEPARTMENT OF OBSTETRICS AND GYNECOLOGY**

BOYLE, Jeffrey G., M.D.  
Limited Staff, Department of Obstetrics and Gynecology

DISS, Eleanor M., M.D.  
Limited Staff - Department of Obstetrics and Gynecology

KENNARD, Elizabeth, M.D.  
Limited Staff, Department of Obstetrics and Gynecology

KENNEDY, Maureen E., M.D.  
Limited Staff, Department of Obstetrics and Gynecology

PORTMAN, David J., M.D.  
Limited Staff, Department of Obstetrics and Gynecology

SAVAGE, Beverley A., M.D.  
Limited Staff, Department of Obstetrics and Gynecology

TROUT, Wayne C., M.D.  
Limited Staff, Department of Obstetrics and Gynecology

July 6, 1990 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

Medical Staff--Appointments (contd)

**DEPARTMENT OF OPHTHALMOLOGY**

LEHMANN, David M., M.D.  
Attending Staff, Department of Ophthalmology

ANTALIS, John J., M.D.  
Limited Staff, Department of Ophthalmology

BLOOM, Robert T., M.D.  
Limited Staff, Department of Ophthalmology

DOCTOR, Leslie C., M.D.  
Limited Staff, Department of Ophthalmology

EPITROPOULOS, Alice T., M.D.  
Limited Staff, Department of Ophthalmology

GERSMAN, Mark A., M.D.  
Limited Staff, Department of Ophthalmology

SCALES, David K., M.D.  
Limited Staff, Department of Ophthalmology

**DEPARTMENT OF OTOLARYNGOLOGY**

DEL ROSSO, James Q., D.O.  
Limited Staff, Department of Otolaryngology

HAMLAR, David D., Jr., D.D.S., M.D.  
Limited Staff, Department of Otolaryngology

SINARD, Robert J., M.D.  
Limited Staff, Department of Otolaryngology

**DEPARTMENT OF PATHOLOGY**

BACH, Joseph T., M.D.  
Limited Staff, Department of Pathology

COOK-GLENN, Celeste L., M.D.  
Limited Staff, Department of Pathology

EDWARDS, Diane, M.D.  
Limited Staff, Department of Pathology

July 6, 1990 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

Medical Staff--Appointments (contd)

**DEPARTMENT OF PEDIATRICS**

BAILES, James R., Jr., M.D.  
Limited Staff, Department of Pediatrics

BUDIN, Lee E., M.D.  
Limited Staff, Department of Pediatrics

CURNOW, Scott W., M.D.  
Limited Staff, Department of Pediatrics

DRISCOLL, Timothy A., M.D.  
Limited Staff, Department of Pediatrics

EATON, Ann E., M.D.  
Limited Staff, Department of Pediatrics

HARRIS, Karen L., M.D.  
Limited Staff, Department of Pediatrics

HUDSON, Mary P., M.D.  
Limited Staff, Department of Pediatrics

KELCH, Lisa A., M.D.  
Limited Staff, Department of Pediatrics

KONDOLIOS, Pete E., M.D.  
Limited Staff, Department of Pediatrics

LENHARD, Julie M., M.D.  
Limited Staff, Department of Pediatrics

LIPSCOMB, Diane C., M.D.  
Limited Staff, Department of Pediatrics

MCGOVERN, James J., M.D.  
Limited Staff, Department of Pediatrics

MEHTA, Hemalini, M.D.  
Limited Staff, Department of Pediatrics

PASTOREK, John S., M.D.  
Limited Staff, Department of Pediatrics

PERRY, Michael A., M.D.  
Limited Staff, Department of Pediatrics

RAUB, Jeffrey B., M.D.  
Limited Staff, Department of Pediatrics

July 6, 1990 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

Medical Staff--Appointments (contd)

**DEPARTMENT OF PEDIATRICS (contd)**

ROSEBERRY, Rosemary H., M.D.  
Limited Staff, Department of Pediatrics

RUBIN-REMER, Dana M., M.D.  
Limited Staff, Department of Pediatrics

RYU, Grace Y., M.D.  
Limited Staff, Department of Pediatrics

**DEPARTMENT OF PHYSICAL MEDICINE & REHABILITATION**

BARTKO, Albert K., M.D.  
Limited Staff, Department of Phys. Med. & Rehab.

HECK, Wendy, M.D.  
Limited Staff, Department of Phys. Med. & Rehab.

MCLAUGHLIN, Matthew M., M.D.  
Limited Staff, Department of Phys. Med. & Rehab.

SHAMIR, Dan, M.D.  
Limited Staff, Department of Phys. Med. & Rehab.

**DEPARTMENT OF PREVENTIVE MEDICINE**

ALEX, Sajiv, M.D.  
Limited Staff, Department of Preventive Medicine

**DEPARTMENT OF PSYCHIATRY**

BOUTROS, Mounir, M.D.  
Limited Staff, Department of Psychiatry

ESKANDER, Nagwa I.S., M.D.  
Limited Staff, Department of Psychiatry

GLENN, Clyde E., M.D.  
Limited Staff, Department of Psychiatry

ROSIEK, Betsy K., M.D.  
Limited Staff, Department of Psychiatry

SHEHATA, Mahmoud E., M.D.  
Limited Staff, Department of Psychiatry

WOLFE, Kirk D., M.D.  
Limited Staff, Department of Psychiatry

July 6, 1990 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

Medical Staff--Appointments (contd)

**DEPARTMENT OF RADIOLOGY**

BIBLER, William B., M.D.  
Limited Staff, Department of Radiology

CHING, Henry T., M.D.  
Limited Staff, Department of Radiology

DEFILIPPO, John L., M.D.  
Limited Staff, Department of Radiology

RIDGEWAY, Joseph A., M.D.  
Limited Staff, Department of Radiology

SLONE, Hasel W., M.D.  
Limited Staff, Department of Radiology

**DEPARTMENT OF SURGERY -- Division of General Surgery**

ARNOLD, Mark W., M.D.  
Attending Staff, Division of General Surgery

AUGE, Wayne K., II, M.D.  
Limited Staff, Division of General Surgery

COLLINS, Kathryn A., M.D.  
Limited Staff, Division of General Surgery

DRAGO, Stefano P., M.D.  
Limited Staff, Division of General Surgery

GOLDFARB, Steven J., M.D.  
Limited Staff, Division of General Surgery

GORDILLO, Gayle M., M.D.  
Limited Staff, Division of General Surgery

JENKINS, Timothy J., M.D.  
Limited Staff, Division of General Surgery

KAMALESON, Sunderraj M., M.D.  
Limited Staff, Division of General Surgery

MACFARLANE, Deborah F., M.D.  
Limited Staff, Division of General Surgery

MUBARAK, Kamal, M.D.  
Limited Staff, Division of General Surgery

July 6, 1990 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

Medical Staff--Appointments (contd)

**DEPARTMENT OF SURGERY -- Division of General Surgery (contd)**

PELLER, Paul A., M.D.  
Limited Staff, Division of General Surgery

REDDING, Mark P., M.D.  
Limited Staff, Division of General Surgery

ROHLF, David P., M.D.  
Limited Staff, Division of General Surgery

ROHRSCHEIB, Sidney P., M.D.  
Limited Staff, Division of General Surgery

SKOSKIEWICZ, Marek J., M.D.  
Limited Staff, Division of General Surgery

VAN STEYN, Scott J., M.D.  
Limited Staff, Division of General Surgery

**DEPARTMENT OF SURGERY -- Division of Neurosurgery**

PATEL, Anant I., M.D.  
Limited Staff, Division of Neurosurgery

**DEPARTMENT OF SURGERY -- Division of Plastic Surgery**

GRONKA, Edward S., M.D.  
Limited Staff, Division of Plastic Surgery

TREECE, Timothy A., M.D.  
Limited Staff, Division of Plastic Surgery

**DEPARTMENT OF SURGERY -- Division of Surgical Oncology**

HURD, Thelma C., M.D.  
Limited Staff, Division of Surgical Oncology

**DEPARTMENT OF SURGERY -- Division of Thoracic & Cardiovascular Surgery**

ALONSO, Anselmo, M.D.  
Limited Staff, Division of Thoracic & Cardiovascular Surgery

July 6, 1990 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

Medical Staff--Appointments (contd)

**DEPARTMENT OF SURGERY -- Division of Transplant Surgery**

BARONE, Gary W., M.D.  
Limited Staff, Division of Transplant Surgery

**DEPARTMENT OF SURGERY -- Division of Vascular Surgery**

LUKENS, Matthew L., M.D.  
Limited Staff, Division of Vascular Surgery

**COLLEGE OF DENTISTRY -- Division of General Dentistry**

ALLEN, Heather C., D.D.S.  
Limited Staff, Division of General Dentistry

CAMPBELL, Scott A., D.D.S.  
Limited Staff, Division of General Dentistry

CIAGLIA, Domenica G., D.D.S.  
Limited Staff, Division of General Dentistry

DIANISKA, Heidi L., D.D.S.  
Limited Staff, Division of General Dentistry

MATISKO, Lisa M., D.M.D.  
Limited Staff, Division of General Dentistry

MOATS, Timothy E., D.D.S.  
Limited Staff, Division of General Dentistry

SUM, Hoi Yuen (Patrick), D.D.S.  
Limited Staff, Division of General Dentistry

WALKER, Michael J., D.M.D.  
Limited Staff, Division of General Dentistry

XANTHINAKI, Arsinoi, D.D.S.  
Limited Staff, Division of General Dentistry

**COLLEGE OF DENTISTRY -- Division of Oral and Maxillofacial Surgery**

HERPY, Allen K., D.D.S.  
Limited Staff, Division of Oral & Maxillofacial Surgery

July 6, 1990 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

**REAPPOINTMENTS MEDICAL STAFF  
1990-91**

**DEPARTMENT OF ANESTHESIOLOGY**

**ATTENDING**

**COURTESY**

Block, Frank E., Jr.	Andrews, Madeleine J.
Brooks, Juliana H.J.	Lopez, Luis A.
Dahl, Mark R.	
Fuhrman, Thomas M.	
Goldman, Ernesto	
Gupta, Bhagwandas	
Howie, Michael B.	
Jacoby, Jay	
Kolattukudy, Marie M.	
Reilly, Thomas E.	
Romanelli, Vincent A.	
Speas, Gaylynn J.	
Swan, Joseph F.	
Wallace, William R.*	
Weaver, Joel M.*	
Yablok, David O.	

**LIMITED**

Balch, Daniel R.  
Basile, Alfonso J.  
Campbell-Stahl, Deborah A.  
Dugger, Karen K.  
Falkenhain, Sandra K.  
Farina, Ralph A.  
Fetko, Mark  
Guertin, Michael G.  
Kelly, William B.  
Kim, Young H.  
Long, Joseph M.  
Mandalino, Dominic A.  
Okamura, Richard K.  
Park, Janice L.  
Perdzock, David A.  
Peterson, Suzanne F.  
Plurad, Maria Nini  
Rague, Louis M., III  
Runyan, Thomas E.  
Schantz, Roger M.  
Smith, Townsend, III  
Steinhauser, Raymond P.  
Swofford, John B.  
Waller, Daniel M.

July 6, 1990 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

Medical Staff--Reappointments (contd)

**DEPARTMENT OF EMERGENCY MEDICINE**

**ATTENDING**

Rund, Douglas A., Chairman  
Brooks, Jonathan B.  
Brown, Charles G.  
Bullock, Thomas R.  
Griffith, Robert F.  
Hoekstra, James W.  
Nelson, Richard N.  
Roberts, David E.  
Santiago, Robert  
Van Ligten, Peter F.  
Werman, Howard A.

**LIMITED**

Bhat, Prashanth  
Bowman, Kevin K.  
Darnell, Mark T.  
Davies, DAVID E.  
Dick, Michael R.  
Dreyer, Jeffrey R.  
Heck, Robert W.  
Lewis, David K., II  
Little, Charles M.  
Luu, Tuan A.  
Smith, Keith R.  
Swart, Gary L.

**DEPARTMENT OF FAMILY MEDICINE**

**ATTENDING**

**COURTESY**

Fahey, Patrick J., Chairman	
Demas, Christopher L.	Adrion, William R.
Griggs, Roland C.	Bohlen, John G.
Guthrie, Robert M.	Coulter, James M.
Martin, Ralph A.	Gahman, James W.
Montalto, Norman J.	Geron, Michael E.
Ricer, Rick E.	Hedges, Charles R.
Sickles, Robert T.	Herwig, Theodor F.
Stone, Linda C.	Lubbers, Judith R.
Williams, P. Tennyson	Lutes, Richard A.
	Mezger, Ronald A.
	Thomas, Melvin W.
	Tweel, Charles T.

July 6, 1990 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

Medical Staff--Reappointments (contd)

**DEPARTMENT OF FAMILY MEDICINE (contd)**

LIMITED

Bayne, Bonnie J.  
Beggin, Bryan E.  
Cook, Joshua C.  
Samlowski, Ralph C.  
Timson, Katrina M.  
Torres, Alex E.

**DEPARTMENT OF INTERNAL MEDICINE -- Division of Allergy**

ATTENDING

COURTESY

McNeil, Donald L., Director	Bagenstose, Abner H., III Bronstein, Herbert A. Coleman, Thomas H. Cunningham, Charles A. Hughes, William F. Wetterauer, Damon E.
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**DEPARTMENT OF INTERNAL MEDICINE -- Division of Bone Marrow Transplantation**

ATTENDING

Tutschka, Peter J., Director  
Avalos, Belinda R.  
Copelan, Edward A.  
Cunningham, Isabel

**DEPARTMENT OF INTERNAL MEDICINE -- Division of Cardiology**

HONORARY

Ryan, Joseph M.

ATTENDING

COURTESY

Leier, Carl V., Director	Auseon, John C. Barker, Raymond E. Davakis, Nicholas J. Dixon, Evan W.
Bacon, James P.	Fisher, John A.
Binkley, Philip F.	Klaus, Andrew P.
Boudoulas, Harisios	Lach, Ralph D.
Bush, Charles A.	Nichols, Allan J.
Caldwell, Patricia B.	

July 6, 1990 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

Medical Staff--Reappointments (contd)

**DEPARTMENT OF INTERNAL MEDICINE -- Division of Cardiology (contd)**

**ATTENDING (contd)      COURTESY (contd)**

Cody, Robert J.	Polinski, William J.
Fontana, Mary E.	Rose, Stewart M.
Haas, Garrie J.	Ruff, Paul D.
Hirsch, Steven C.	Terry, Richard F.
Kolibash, Albert J., Jr.	
Lewis, Richard P.	
Love, Charles J.	
Magorien, Raymond D.	
Nelson, Steven D.	
Pearson, Anthony C.	
Robinson, John L.	
Ryan, James M.	
Schaal, Stephen F.	
Van Fossen, Douglas B.	
Wooley, Charles F.	

**LIMITED**

Ansel, Gary M.  
Burroughs, Jefferson M.  
Gbur, Charles J., Jr.  
Good, Arnold P.  
Pasierski, Tomasz J.  
Rome, Michael P.  
Smiley, Nasser H.

**DEPARTMENT OF INTERNAL MEDICINE -- Division of Community Internal Medicine**

**ATTENDING**

Seidensticker, John F., Director  
  
Bennett, Joseph C.  
Grecula, Michaleen A.  
Lutmer, William J.

**DEPARTMENT OF INTERNAL MEDICINE -- Division of Dermatology**

**HONORARY**

Carr, Richard D.

July 6, 1990 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

Medical Staff--Reappointments (contd)

**DEPARTMENT OF INTERNAL MEDICINE -- Division of Dermatology (contd)**

**ATTENDING**

**COURTESY**

Wilkin, Jonathan K., Director  
Davis, Loretta S.  
Wolverton, Stephen E.

Barrett, James L.  
Bechtel, Mark A.  
Gardner, Edmond W.  
Hamilton, James F.  
Knox, David W.

**LIMITED**

DeMaria, Jess J.  
Flint, Ivan D.  
Sydor, Lynn C.  
Zyniewicz, Kelley J.

Long, Roland E.  
Parks, Alan J.  
Rau, Robert C.  
Scarborough, Dwight A.  
Verona, Robert D.  
Williams, Homer E.  
Yoder, Frank W.

**DEPARTMENT OF INTERNAL MEDICINE -- Division of Endocrinology and Metabolism**

**ATTENDING**

**COURTESY**

O'Dorisio, Thomas M., Director  
Cataland, Samuel  
Falko, James M.  
Jackson, Rebecca D.  
Malarkey, William B.  
Mazzaferrri, Ernest L.  
Osei, Kwame  
Rao, M. Bhaskar  
Tzagourmis, Manuel

Bixel, Janet K.  
Goldberg, Robert F.  
Katz, Charles M.  
Krupko, John B.

**LIMITED**

Caruso, Daniel R.  
Cottrell, Daryl A.  
Olmos, Pablo R.

**DEPARTMENT OF INTERNAL MEDICINE -- Division of Gastroenterology**

**HONORARY**

Beman, Floyd M.

July 6, 1990 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

Medical Staff--Reappointments (contd)

**DEPARTMENT OF INTERNAL MEDICINE -- Division of Gastroenterology (contd)**

ATTENDING	COURTESY
Thomas, Fred B., Director	Levin, Douglas M.

Caldwell, James H.  
Fromkes, John J.  
Kirkpatrick, Robert B.  
Mekhjian, Hagop S.

LIMITED

Miller, Scott M.  
Thomas, David B.

**DEPARTMENT OF INTERNAL MEDICINE -- Division of General Medicine**

ATTENDING	COURTESY
Bowen, Juan M., Director	Bansal, Girraj K. Davies, A. Robert Delaveris, Steven L. Dixon, Gerald F. Edgin, Richard A. Guy, Jerry T. Keith, Paul F. Lichtblau, Steven H. Lutz, Warner B. Marks, Jack Murphy, Link R. Shepard, Kirk V. Tallo, Diane
Binkley, William F. Birkovich, Lorraine M. Folk, Robert L. Friedman, Barry M. Heintz, John S. Kreger, Cynthia G. Kurin, Calvin M. Libertin, Andrew G.+ Pintz, Evelyn E. Swindells, Susan Walzak, Doris E. Washington, Sharon E.	

LIMITED

Ahuja, Anita  
Andersen, Katherine A.  
Atkinson, Lisa A.  
Bou-Khalil, Pierre K.  
Curren, Camilla  
Gbur, Carolyn S.  
Hagaman, Martha H.  
Hajinazarian, Melkon O.  
Harris, Randall J.

July 6, 1990 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

Medical Staff--Reappointments (contd)

DEPARTMENT OF INTERNAL MEDICINE -- Division of General Medicine (contd)

LIMITED (contd)

Hernandez, Raul A., Jr.  
Moodispaw, Paul F.  
Nicolacakis, Kathryn  
Pope-Harman, Amy L.  
Pue, Charles A.  
Randolph, Teigha J.  
Rossana, CindyLou F.  
Samoil, Daniela  
Schuster, Andreas W.  
Sedmak, Primrose A.  
Shade, William A.  
Sinnathamby, Sukirtharan  
Sobecki, Luette M.  
Steichschulte, Elizabeth H.  
Stevens, Harold C.  
Wilmer, William A.

DEPARTMENT OF INTERNAL MEDICINE -- Division of Hematology and Oncology

ATTENDING

COURTESY

Balcerzak, Stanley P., Director	
Behrens, Brent C.	Gams, Richard A.
Bouroncle, Bertha A.	
Kraut, Eric H.	
Metz, Earl N.	
Rinehart, John J.	
Sagone, Arthur L., Jr.	
Triozi, Pierre L.	

LIMITED

Ghany, Ahmed M.  
Nicol, Steven J.

July 6, 1990 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

Medical Staff--Reappointments (contd)

DEPARTMENT OF INTERNAL MEDICINE -- Division of Infectious Diseases

ATTENDING	COURTESY
Fass, Robert J., Director	Baird, Ian M. Ruiz, Daniel E. Spagna, Vincent A.
Fox, Barry C. Koletar, Susan L. Maher, William E. Merz, David C. Para, Michael F. Plouffe, Joseph F.	

LIMITED

Herchline, Thomas E.  
Kobe, Margaret F.  
Zraik, Talal R.

DEPARTMENT OF INTERNAL MEDICINE -- Division of Pulmonary Diseases

ATTENDING	COURTESY
Davis, William B. Dorinsky, Paul M. Kindt, Gary C. Pacht, Eric R. Weiland, Jeffrey E. Wewers, Mark D.	Inglis, William D. O'Brien, Richard E.

LIMITED

Allen, James N.  
Bunnell, Eugene  
Diaz, Philip T.  
Fagan, J. Barry  
Marsh, Clay B.  
Overdahl, Michael C.  
St. John, Roy C.

July 6, 1990 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

**Medical Staff--Reappointments (contd)**

**DEPARTMENT OF INTERNAL MEDICINE -- Division of Renal Diseases**

**ATTENDING**

**COURTESY**

Hebert, Lee A., Director

Bay, William H.  
Cosio, Fernando G.  
Dillon, John J.  
Middendorf, Donald F.  
Nahman, Norris S., Jr.

Gerald, Steven E.  
Lewis, James W.  
Mishkind, Michael H.  
Saunders, Christopher S. MacLaurin, John P.

**LIMITED**

Myers, Douglas P.  
Ogrodowski, James L.

**DEPARTMENT OF INTERNAL MEDICINE -- Division of Rheumatology/Immunology**

**ATTENDING**

**COURTESY**

Anderson, Clark L.  
Hudson, Norman P.  
Kantor, Seth M.

Hedrick, Sterling W.  
Messick, Richard T.

**DEPARTMENT OF NEUROLOGY**

**ATTENDING**

**COURTESY**

Paulson, George W., Chairman  
Drake, Miles E., Jr.  
Freidenberg, Donald L.  
Kissel, John T.  
Mendell, Jerry R.  
Pakalnis, Ann  
Rammohan, Kottil W.  
Sahenk, Zarife  
Slivka, Andrew P.  
Warmolts, John R.

DeMaria, Alfred A., Jr.  
Friedman, Leslie A.  
Parker, James M.  
Wise, Gary R.

**LIMITED**

Dadmehr, Nahid  
Hedges, Kathryn A.  
Kotlarek, David F.  
LaMancusa, Joseph C.  
Myer, Elizabeth L.  
Rocco, Christopher P.  
Walz, Elizabeth T.

July 6, 1990 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

Medical Staff--Reappointments (contd)

**DEPARTMENT OF OBSTETRICS AND GYNECOLOGY**

**ATTENDING**

Gabbe, Steven G. Chairman  
Bell, David C.  
Blumenfeld, Michael L.  
Boutselis, John G.  
Bryan, Donald K.  
Copeland, Christopher M.  
Copeland, Larry J.  
Copeland, William E., Jr.  
Copeland, William E., Sr.  
Cordero, Leandro\*  
Dodds, William G.  
Essig, Garth F.  
Friedman, Chad I.  
Goldberg, Jeffrey M.  
Huneke, Allen L.  
Iams, Jay D.  
Kim, Moon H.  
Kington, J. Kevin  
Landon, Mark B.  
Lewandowski, George S.  
Mobin-Uddin, Saeeda  
O'Shaughnessy, Richard W.  
O'Toole, Robert V.\*  
Reiss, Rosemary E.  
Rigsby, William C.  
Ruedrich, David A.  
Schmidt, Grant E.  
Smith, Nina K.  
Teteris, Nicholas J.  
Villalon, Roberto R.  
Williams, Steven R.  
Zartman, Edwin R.  
Zuspan, Frederick P.

**COURTESY**

Abramovitz, Fred M.  
Baird, James N., Jr.  
Barrows, Holly J.  
Beattie, James F.  
Bell, Jeffrey G.  
Blöse, Ralph D.  
Brandeberry, Keith R.  
DeVoe, Keith, Jr.  
DeVoe, Stephen J.  
Eckhardt, Alfred J.  
Enrile, Leopoldo L.  
Hackett, Kevin J.  
Harnish, Margaret S.  
Hixson, Carolyn S.  
  
Kelch, Harold E.  
Lamprecht, Richard W.  
Lomano, Jack M.  
Merryman, William B.  
McIlroy, Scott A.  
Neri, Anthony S.  
Newkirk, Ernest M.  
Nyeste, Lawrence J.  
O'Rourke, Donald E.  
Perez, Antonio  
Pettit, George P.  
Reid, Gary C.  
Richards, Stephen R.  
Robinson, Raymond E.  
Rogers, Philip A.  
Russ, John S.  
Sacolick, Alan R.  
Samuel, Mervyn J.  
Schweizer, F. W., III  
Sprague, Michael S.  
Stempel, Laurence E.  
Strafford, J. Craig  
Woodard, Wiley G.  
Wurst, Ann M.  
Zitter, Diana M.  
Zuspan, Mark F.

July 6, 1990 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

Medical Staff--Reappointments (contd)

DEPARTMENT OF OBSTETRICS AND GYNECOLOGY (contd)

LIMITED

Artman, Sarah L.  
Dearmont, Karen E.  
Eaton, Lynn A.  
Farringer, Bruce E.  
Fleming, Christopher M.  
Harrington, Beverly M.  
Hayes, Rosalind A.  
Pagano, Trina M.  
Paraskos, John P.  
Parker, Michael S.  
Scalzone, John M.  
Shamley, Kirk T.  
Shibley, Kirk A.  
Shubert, Phillip J.  
Teteris, John N.

DEPARTMENT OF OPHTHALMOLOGY

ATTENDING

Weber, Paul A., Chairman  
Baker, N. Douglas  
Benes, Susan  
Bennett, Robert  
Bremer, Don L.  
Brown, Dan L.  
Bruce, Robert A., Jr.  
Burns, John A.  
Cahill, Kenneth V.  
Chambers, Robert B.  
Craig, Elson L.  
Dangel, Matthew E.  
Davidorf, Frederick H.  
Dingle, J.B.  
Gerace, Ann  
Havener, William H.  
Hickey, Charles J.  
Huheey, Marilyn  
Kapetansky, Frederick  
Kelley, Curtin G.  
Kunesh, Michael T.  
Lembach, Richard G.  
Letson, Alan D.  
Lubow, Martin  
Mauger, Thomas F.

COURTESY

Beran, Robert F.  
Besson, Michael J.  
Carroll, C. Patrick  
Collins, Elmer C.  
Crocì, Henry  
Davidoff, Elliot  
Denlinger, David E.  
Farber, Sanders M.  
Garvin, J. Charles  
Gupta, Mohinder K.  
Higbee, John W.  
Kitchen, Calvin B.  
Kosier, Marilyn K.  
Kuhr, Lora J.  
Lembach, Robert E.  
Lothes, Eric W.  
Marquardt, John L.  
McGowan, Kathleen A.  
McKinlay, Robert T.  
Minning, Carl A., Jr.  
Richards, Paul F.  
Rogers, Gary L.  
Sherman, Roger H.  
Van Fossen, Albert W.

July 6, 1990 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

Medical Staff--Reappointments (contd)

DEPARTMENT OF OPHTHALMOLOGY (contd)

ATTENDING (contd)

Moses, James L.  
O'Dair, Robert B.  
Opremcak, E. Mitchel  
Orlando, Richard G.  
Stechschulte, John R.  
Utrata, Peter J.  
Visocan, Phyllis  
Wachtel, Joel G.

LIMITED

Allen, J. Geoffrey  
Fishman, Deborah R.  
George, David S.  
McAdoo, Jeffrey F.  
Oehler, Jeffrey C.  
Pappa, Karl S.  
Quartetti, Eric J.  
Strickler, Scott H.  
Walker, Jonathan D.

DEPARTMENT OF OTOLARYNGOLOGY

ATTENDING

Schuller, David E., Chairman  
Kelly, David R.  
Saunders, William H.  
Siegler, Ronald J.

COURTESY

Birck, Herbert G.  
Booth, Jack B.  
Gebhart, Don E.  
Irene, Richard T.  
Jackson, Daniel G.  
Lowery, Howard W.  
Main, Thomas S.  
Mechenbier, James A.  
Ray, John W.  
Wagenbrenner, L.T.

LIMITED

Chase, Daniel W.  
Elzinga, Darryl J.  
Forrest, Lowell A.  
Griffith, Stephen R.



**PERSONNEL ACTIONS (contd)**

Medical Staff--Reappointments (contd)

**DEPARTMENT OF PEDIATRICS**

**HONORARY**

Anderson, Homer A.  
Eaton, Antoinette P.

**ATTENDING**

Grant Morrow, III, Chairman  
Allen, Hugh D.  
Anglin, David L.  
Barson, William J.  
Boudinot, Wanda C.  
Brady, Michael T.  
Brown, Robert T.  
Cassidy, Steven C.  
Cecalupo, Anthony J.

Coury, Daniel L.  
Cromer, Barbara A.  
deLevie, Judith G.  
Donat, Jane F.  
Franklin, Wayne H.  
Grossman, Lindsey  
Grossman, Neil J.  
Handler, Eric G.  
Hansen, Nancy B.  
Haun, Steven E.  
Heitlinger, Leo A.  
Johnson, Charles F.  
Kien, Craig L.  
Li, B. Ulysses K.  
Libertin, Andrew G.\*  
Lo, Warren D.  
Mahan, John D.  
McClung, Hugo J.  
McCoy, Karen S.  
Menke, James A.  
Mentser, Mark I.  
Miller, Randy R.  
Mortenson, Mary E.  
Murray, Robert D.  
Olson, Thomas A.  
Powell, Dwight A.  
Rosenberg, Ellen M.  
Ruymann, Frederick B.

**COURTESY**

Baldwin, Robert M.  
Banks, Joseph H.  
Batterson, Robert E.  
Bauer, Stephen R.  
Bickers, Rex G.  
Brooks, Gregory I.  
Bullock, Joseph D.  
Clark, Arthur L.  
Connor, Patricia A.  
Creceilius, Jeffrey W.  
Dawdy, W. David  
Del Rosario, Antonio J.  
deVerteuil, Virginia K.  
DiCarlo, Salvatore  
Donaldson, Edward E.  
Donovan, Lorna F.  
Doody, Dennis M.  
Forsythe, Robert C.  
Foy, James E.  
Francis, Patricia A.  
Freno, Janet A.  
Friedman, Roger A.  
Goorey, Louis J.R.  
Heinmiller, Daniel J.  
Henderson, Dave E.  
Jones, Virginia H.  
Kebe, Stephen L.  
Keck, Robert J.  
Klinger, Robert J.  
Kuzma, Mary Kay  
Lindner, Steven E.  
Loar, Michael C.  
MacLean, William C.  
May, Albert N.  
McIlroy, Mary A.  
Mirvis, Bruce R.  
Mormol, John L.  
Park, Roger W.  
Petrella, Richard A.  
Polster, L. Robert

July 6, 1990 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

Medical Staff--Reappointments (contd)

**DEPARTMENT OF PEDIATRICS (contd)**

**ATTENDING (contd)**

Skidmore, Margaret D.  
Sloan, Howard R.  
Sommer, Annemarie  
Sotos, Juan F.  
Teske, Douglas W.  
Tsao, Chang-Yong  
Walson, Philip D.  
Westman, Judith A.  
Zipf, William B.

**COURTESY (contd)**

Roach, Jane A.  
Robbins, Malcolm R.  
Rogers, Ann M.  
Rohyans, JoAnn C.  
Rothermel, Kim G.  
Rueger, Wi  
Schultz, Dana J.  
Sheets, Eileen H.  
Shepherd, Larry M.  
Shultz, John P.  
Stroebe, Frank W.  
Vasquez, E. Silvia B.  
Wadwa, Janak  
Wahoff, Charles G.  
Wehe, Robert A.  
Wheasler, Ray S.  
White, Jennifer L.  
Williams, Gwynette M.

**LIMITED**

Allen, Elizabeth D.  
Bolon, Claire E.  
Bolton, Eileen C.  
Bonneau, Amy J.  
Bowman, MaryJo A.  
Carpenter, Denise L.  
Crocetti, Guy D.  
Deutsch, David E.  
Dumont, Robert C.  
Eisenhut, Randy E.  
Enrione, Maria A.  
Fiala, Joseph F.  
Flint, Alan J.  
Garton, Patricia M.  
Getschman, Sarah J.  
Greco, Christine D.  
Hogan, Mary Beth  
Hord, Jeffrey D.  
Igel, Andrea M.  
Jenkins, Catherine L.  
Kasten, Eileen F.  
Kovalchin, John P.  
Larkner, Laura M.  
LeMay, Diane M.

July 6, 1990 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

Medical Staff--Reappointments (contd)

**DEPARTMENT OF PEDIATRICS (contd)**

LIMITED (contd)

Leslie, Andrew C.  
Long, William W.  
Menkus, Sharon D.  
Messick, George M.  
Mosher, Gayle A.  
Nahouraii, Robert A.  
Nankervis, Craig A.  
Nofzinger, Patricia A.  
Olshefski, Randal S.  
Patterson, Alonzo, III  
Perry, Jan E.  
Pippin, Cheryl D.  
Reiner, Rebecca L.  
Riley, Bradley J.  
Rosenberg, Robert B.  
Rue, Laura J.  
Segeleon, Joseph E.  
Shollenberger, Lee A.  
Smith, Dean A.  
Snyder, Catherine A.  
St. John, Jean M.  
Strand, Barbara J.  
Sullivan, Miller J., Jr  
Wilson, Kyle E.  
Zibert, Sara A.

**DEPARTMENT OF PHYSICAL MEDICINE AND REHABILITATION**

ATTENDING

COURTESY

Kaplan, Paul E., Chairman

Bobulski, Rosalind J.  
Bowyer, Brian L.  
Clairmont, Albert C.  
Colachis, Sam C.  
Johnson, Ernest W.  
Matkovic, Velimir  
Mysiw, W. Jerry  
Pease, William S.  
Venesy, Deborah A.

Bazzoli, Allan S.  
Fallon, Timothy J.  
Waylonis, George W.

July 6, 1990 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

Medical Staff--Reappointments (contd)

DEPARTMENT OF PHYSICAL MEDICINE AND REHABILITATION (contd)

LIMITED

Atchison, James W.  
Clinchot, Daniel M.  
Doddy, Karyn R.  
Haddock, David G.  
Imfeld, Matthew D.  
Kaplansky, Bryan D.  
McDonough, Nancy K.  
Reecer, Mark V.  
Rindler, Julie P.  
Ronan, Patrick G.  
Tipton, David B.  
Wachendorf, Judith M.  
Wilson, Charleen

DEPARTMENT OF PREVENTIVE MEDICINE

ATTENDING

COURTESY

Hall, William L.  
Stanley, David E.

Charles, Doris I.

DEPARTMENT OF PSYCHIATRY

ATTENDING

COURTESY

Nasrallah, Henry A., Chairman  
Aslanian, Wahan S.  
Churchill, Cynthia M.  
Jones, Bruce A.  
Martin, Daniel J.  
Mavassakalian, Matig R.  
Olson, Stephen C.  
Pirta, Emil R.  
Schwarzkopf, Steven B.  
Shy, Kathy E.  
Stern, Stephen L.  
Weller, Ronald A.

LIMITED

Abou Haidar, Said N.  
Alford-McIntosh, Sara S.  
Axelson, David B.  
Balke, Len D.

July 6, 1990 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

Medical Staff--Reappointments (contd)

**DEPARTMENT OF PSYCHIATRY (contd)**

LIMITED (contd)

deGroot, Christopher M.  
DeMedico, Valerie J.  
Evans, Tina L.  
Gemna, Steven M.  
Guthrie, Julie A.  
Halle, Mark T.  
Hurst, Elizabeth C.  
Jolin, Edith M.  
Jurjus, George J.  
McCafferty, Mary J.  
McCoy, Lance M.  
Miller, Margaret M.  
Peters, Marilyn J.  
Reichenbacher, Thomas M.  
Szykowny, Lee S.  
Werner, Lisa M.

**DEPARTMENT OF PSYCHIATRY -- Division of Child Psychiatry**

HONORARY

Kontras, Stella B.

ATTENDING

Weller, Elizabeth B., Director  
Arnold, L. Eugene  
Bush, Gladys A.  
Larson, Chris N.  
Tolbert, Herman A.

LIMITED

Evans, Tina L.  
Fayyad, John A.  
Ohringer, Shari R.  
Peters, Marilynn J.  
Tumuluru, Rameshwari V.

July 6, 1990 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

**Medical Staff--Reappointments (contd)**

**DEPARTMENT OF RADIOLOGY -- Division of Diagnostic Radiology**

**ATTENDING**

Christoforidis, A. John, Chairman  
Beltran, Javier  
Bennett, William F.  
Bova, James G.  
Brogan, Martha A.  
Chakeres, Donald W.  
Cunningham, Jerome J.  
Freedy, Lucy R.  
McGhee, Robert B.  
Mueller, Charles F.  
Ragosin, Robert J.  
Stockum, Alfred E.  
Van Aman, Michael E.

**LIMITED**

Boyle, Edward R.  
Campanini, D. Scott  
Dardani, Marcella  
Hackworth, Craig A.  
Hughes, Steven R.  
Jurdi, Raja A.  
King, Mark A.  
Magee, David J.  
McConnell, Charles T.  
Oehler, Mary C.  
Perna, Peter J.  
Poulos, Andrew G.  
Sodd, Anthony N.  
White, Daniel R.  
Yu, Joseph P.

**DEPARTMENT OF RADIOLOGY -- Division of Nuclear Medicine**

**ATTENDING**

Olson, John O.  
Pozderac, Rodney V.

July 6, 1990 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

Medical Staff--Reappointments (contd)

**DEPARTMENT OF RADIOLOGY -- Division of Radiation Oncology**

**ATTENDING**

Gahbauer, Reinhard A., Director  
Hodgson, Sheila E.  
Nag, Subir  
Pieters, Richard S., Jr.

**LIMITED**

Bauer-Giffin, Constance J.  
Grecula, John C.  
Gupta, Shailesh  
Sweeney, Patrick J.

**DEPARTMENT OF SURGERY -- Division of General Surgery**

**ATTENDING**

Jonasson, Olga, Chairman  
Cloutier, Charles T.  
Ellison, E. Christopher  
Flanbaum, Louis J.  
Townsend, Michael C.

**COURTESY**

Carey, Larry C.  
Innes, Jeffrey T.  
Schwarzell, John R.  
Stewart, William R.C.  
Wanamaker, Steven R.

**LIMITED**

Brem, Harold  
Brinkman, John B.  
Bryan, Bradley A.  
Campbell, Kevin G.  
Cooke, Jeffrey C.  
Czemiecki, Brian J.  
Guse, Thomas R.  
Han, Linda K.  
Highberger, William A.  
Huang, Ermina Hui-Na  
Kalanges, Lauri K.  
Kogan, Michael G.  
Leppink, Douglas M.  
Mutabagani, Khaled H.  
Offord, James P.  
Ohye, Richard G.  
Pelletier, Ronald P.  
Pollifrone, David L.  
Potter, Mark K.

July 6, 1990 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

Medical Staff--Reappointments (contd)

DEPARTMENT OF SURGERY -- Division of General Surgery (contd)

LIMITED (contd)

Scharf, William R.  
Tober, James C.  
Ulrich, Jeffrey C.  
Vasko, Susan D.  
Vevon, Peter A.  
Wilson, Gary A.  
Young, James R.

DEPARTMENT OF SURGERY -- Division of Neurosurgery

ATTENDING

COURTESY

Barnes, James E.  
Rea, Gary L.  
Stechison, Michael T.

Miller, Carole A.

LIMITED

Behrmann, Donald L.  
Gilman, Arthur M.  
James, Steven M.  
Levitt, Jodie K.  
Livingston, Kimberly  
Mullin, Bradford B.  
Uselman, James H.  
Zerick, William R.

DEPARTMENT OF SURGERY -- Division of Orthopaedic Surgery

ATTENDING

COURTESY

Simon, Sheldon R., Director  
Bock, J. John  
Bolz, W. Scott  
Clark, Robert N.  
Coleman, Carl R.  
Mallory, Thomas H.  
Olix, Mel L.  
Ostrum, Robert F.  
Roberts, John B.  
Turner, Richard H.  
Weis, Lawrence D.  
Westphal, Reinhard A.  
Zuelzer, Wilhelm A.

Durbin, Robert A.  
Fuller, Roderick L.  
Jeffers, Phillip D.  
Lombardi, Adolph V., Jr.  
Kean, John R.  
Ruff, Michael E.  
Season, Edwin H.  
Slager, Richard F.  
Stewart, Richard C.  
Unverferth, Louis J.  
Vaughn, Bradley K.  
Wofe, John S.

July 6, 1990 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

Medical Staff--Reappointments (contd)

DEPARTMENT OF SURGERY -- Division of Orthopaedic Surgery (contd)

LIMITED

Curtis, Steven B.  
DeMeo, Patrick J.  
Kerbs, James R.  
Lauro, Gregory R.  
Lefkowitz, Michael S.  
Lettvin, Charles L.  
Li, Lawrence Kuo-Chi  
Mirly, Harvey L.  
Nahra, Mitchell E.  
Pierotti, Stephen E.  
Samani, Daniel J.  
Warner, Stephen J.  
Watson, Larry W.  
Wittbrodt, David J.

DEPARTMENT OF SURGERY -- Division of Pediatric Surgery

ATTENDING

Boles, E. Thomas, Jr., Director  
Caniano, Donna A.  
King, Denis R.  
Teich, Steven

LIMITED

Upp, James R.

DEPARTMENT OF SURGERY -- Division of Plastic Surgery

HONORARY

Berggren, Ronald B.

ATTENDING

Ruberg, Robert L., Director

Buchele, Brentley A.  
Burdge, Jeremy J.  
Duran, Robert J.  
Ferraro, James W.

COURTESY

Aziz, Haroon A.  
Drabyn, Gerald A.  
Houser, Robert G.  
Mohler, Lester R.

July 6, 1990 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

Medical Staff--Reappointments (contd)

DEPARTMENT OF SURGERY -- Division of Plastic Surgery (contd)

COURTESY (contd)

Naille, Ronald A.  
Terry, John L.

LIMITED

Back, Lyle M.  
Jolly, Cynthia S.

DEPARTMENT OF SURGERY -- Division of Surgical Oncology

HONORARY

James, Arthur G.

ATTENDING

Farrar, William B., Director  
Martin, Edward W., Jr.  
Minton, John P.  
Walker, Michael J.

COURTESY

Nims, Thomas A.

DEPARTMENT OF SURGERY -- Division of Thoracic & Cardiovascular Surgery

ATTENDING

Myerowitz, P. David, Director  
Chryssos, Antonios E.  
Galbraith, Timothy A.  
Howanitz, E. Paul  
Kakos, Gerard S.  
Murray, Kevin D.

LIMITED

Haan, Constance K.  
Matheny, Robert G.

July 6, 1990 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

Medical Staff--Reappointments (contd)

DEPARTMENT OF SURGERY -- Division of Transplantation

ATTENDING

Ferguson, Ronald M., Director  
Henry, Mitchell L.  
Tesi, Raymond J.

LIMITED

Elkhammas, Elmahdi A.

DEPARTMENT OF SURGERY -- Division of Urology

ATTENDING

COURTESY

Drago, Joseph R., Director	Joshi, Kamal K.
Badalament, Robert A.	
Koff, Stephen A.	
Nesbitt, John A., II	
Wise, Henry A., II	
Woodworth, Bruce E.	
York, Jeffrey P.	

LIMITED

Colombo, Giovanni  
Deighton, Daniel A.  
Gianakopoulos, William P.  
Page, Charles M.

DEPARTMENT OF SURGERY -- Division of Vascular Surgery

ATTENDING

COURTESY

Smead, William L., Director	
Durham, Joseph R.	Satiani, Bhagwan
Wright, James G.	Vaccaro, Patrick S.

LIMITED

Massop, Douglas W.

July 6, 1990 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

Medical Staff--Reappointments (contd)

COLLEGE OF DENTISTRY -- Division of General Dentistry

**ATTENDING**

**COURTESY**

Wallace, William R., Dean

Allen, Carl M.  
DaBreo, Ernest L.  
Jolly, Daniel E.  
Marquard, James V.  
Vessels, Robert C.  
Weaver, Joel M.+

Horton, John E.  
Neal, Clarence J., Jr.  
Schroeder, Kathleen L.  
Walters, John D.

**LIMITED**

Davis, John B.  
Fleser, Carl R.  
Morgan, Donald A.

COLLEGE OF DENTISTRY -- Division of Oral and Maxillofacial Surgery

**ATTENDING**

**COURTESY**

Peterson, Larry J. - Director  
Anderson, Douglas R.  
Evans, Thomas W.  
Feinberg, Stephen E.  
Larsen, Peter E.  
Lauer, Robert E.  
Montgomery, Robert D.  
Offenburger, Greg L.  
Page, H. Langley, Jr.  
Racey, Gary L.  
Troiano, Marlin F.

Carnes, Allen D.  
Cheek, John A.  
Fraser, Bruce A.  
Kaye, William R.  
Murphy, T. Michael  
Olejko, Terry D.  
Scheetz, Richard E., Jr.  
Wallace, Douglas W.

**LIMITED**

Amborski, James D.  
Anderson, Mark W.  
Baransky, Thomas M.  
Hum, Scott A.  
Liston, Todd C.  
Stronczek, Michael J.  
Urbanek, Richard A.  
Wohlford, Mark E.

July 6, 1990 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

Medical Staff--Appointments (The Arthur G. James Cancer Hospital and Research Institute)

**DEPARTMENT OF ANESTHESIOLOGY**

ANDREWS, Madeleine Jean, M.D.  
Associate Attending Staff, Department of Anesthesiology

BLOCK, Frank E. Jr., M.D.  
Associate Attending Staff, Department of Anesthesiology

DAHL, Mark R., M.D.  
Attending Staff, Department of Anesthesiology

EWELL, Charles Lee, Jr., M.D.  
Associate Attending Staff, Department of Anesthesiology

FUHRMAN, Thomas, M.D.  
Associate Attending Staff, Department of Anesthesiology

JACOBY, Jay, M.D.  
Associate Attending Staff, Department of Anesthesiology

GOLDMAN, Ernesto, M.D.  
Associate Attending Staff, Department of Anesthesiology

GUPTA, Bhagwandas, M.D.  
Associate Attending Staff, Department of Anesthesiology

HALIM-ARMANIOS, Mona Youssef, M.D.  
Associate Attending Staff, Department of Anesthesiology

LINGAM, Rao P., M.D.  
Associate Attending Staff, Department of Anesthesiology

KOLATTUKUDY, Marie M., M.D.  
Associate Attending Staff, Department of Anesthesiology

LOPEZ, IUIS A., M.D.  
Associate Attending Staff, Department of Anesthesiology

McDONALD, John S., M.D.  
Associate Attending Staff, Department of Anesthesiology

REILLEY, Thomas E., D.O.  
Associate Attending Staff, Department of Anesthesiology

ROMANELLI, Vincent A., M.D.  
Associate Attending Staff, Department of Anesthesiology

SPEAS, Gaylynn, M.D.  
Associate Attending Staff, Department of Anesthesiology

July 6, 1990 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

Medical Staff--Appointments (The Arthur G. James Cancer Hospital and Research Institute)  
(contd)

**DEPARTMENT OF ANESTHESIOLOGY** (contd)

SWAN, Joseph F., M.D.  
Associate Attending Staff, Department of Anesthesiology

TAYLOR, Deborah Anne, Ph.D.  
Associate Attending Staff, Department of Anesthesiology

WEAVER, Joel M., D.D.S.  
Associate Attending Staff, Department of Anesthesiology

YABLOCK, David Owen, M.D.  
Associate Attending Staff, Department of Anesthesiology

**DEPARTMENT OF DENTISTRY**

DABREO, Ernest L., D.D.S.  
Associate Attending Staff, Department of Dentistry

JOLLY, Daniel E., D.D.S.  
Associate Attending Staff, Dept. of Dentistry/General Dentistry

LARSEN, Peter Eric, D.D.S.  
Associate Attending, Department of Dentistry/Oral & Maxillofacial Surgery

PETERSON, Larry James, D.D.S.  
Associate Attending Staff, Dept. of Dentistry/Oral & Maxillofacial Surgery

TROIANO, Martin F., D.D.S.  
Associate Attending Staff, Dept. of Dentistry/Oral Maxillofacial Surgery

VESSELS, Robert C., D.D.S.  
Associate Attending, Department of Dentistry

**DEPARTMENT OF FAMILY MEDICINE**

DEMAS, Christopher Lou, M.D.  
Associate Attending Staff, Dept. of Family Medicine

GUTHRIE, Robert M., M.D.  
Associate Attending Staff, Dept. of Family Medicine

FAHEY, Patrick Joseph, M.D.  
Associate Attending Staff, Department of Family Medicine

MARTIN, Ralph A., M.D.  
Associate Attending Staff, Dept. of Family Medicine

July 6, 1990 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

Medical Staff--Appointments (The Arthur G. James Cancer Hospital and Research Institute)  
(contd)

**DEPARTMENT OF FAMILY MEDICINE (contd)**

MONTALTO, Norman J., D.O.  
Associate Attending Staff, Dept. of Family Medicine

RICER, Rick Edwin, M.D.  
Associate Attending Staff, Dept. of Family Medicine

SICKLES, Robert Trent, M.D.  
Associate Attending, Department of Family Medicine

WILLIAMS, P. Tennyson, M.D.  
Associate Attending Staff, Dept. of Family Medicine

**DEPARTMENT OF INTERNAL MEDICINE -- Division of Bone Marrow Transplantation**

AVALOS, Belinda Rene, M.D.  
Attending Staff, Division of Bone Marrow Transplantation

COPELAN, Edward Alan, M.D.  
Attending Staff, Division of Bone Marrow Transplantation

CUNNINGHAM, Isabel, M.D.  
Attending Staff, Division of Bone Marrow Transplantation

KAPOOR, Neena, M.D.  
Attending Staff, Division of Bone Marrow Transplantation

TUTSCHKA, Peter Josef, M.D.  
Attending Staff, Division of Bone Marrow Transplantation

**DEPARTMENT OF INTERNAL MEDICINE -- Division of Cardiology**

BOUDOULAS, Harisios, M.D.  
Associate Attending Staff, Division of Cardiology

BUSH, Charles A., M.D.  
Associate Attending Staff, Division of Cardiology

FONTANA, Mary Elizabeth, M.D.  
Associate Attending Staff, Division of Cardiology

KOLIBASH, Albert, M.D.  
Associate Attending Staff, Division of Cardiology

LEWIS, Richard Phelps, M.D.  
Associate Attending Staff, Division of Cardiology

July 6, 1990 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

Medical Staff--Appointments (The Arthur G. James Cancer Hospital and Research Institute)  
(contd)

**DEPARTMENT OF INTERNAL MEDICINE -- Division of Cardiology (contd)**

LOVE, Charles, J., M.D.  
Associate Attending Staff, Division of Cardiology

NELSON, Steven D., M.D.  
Associate Attending Staff, Division of Cardiology

SCHAAL, Stephen Frederick, M.D.  
Associate Attending Staff, Division of Cardiology

**DEPARTMENT OF INTERNAL MEDICINE -- Division of Dermatology**

BARRETT, James Lloyd, M.D.  
Clinical Attending Staff, Division of Dermatology

WILKIN, Jonathan K., M.D.  
Associate Attending Staff, Division of Dermatology

DAVIS, Loretta Smrtnik, M.D.  
Associate Attending Staff, Division of Dermatology

**DEPARTMENT OF INTERNAL MEDICINE -- Division of Endocrinology**

FALKO, James M., M.D.  
Associate Attending Staff, Division of Endocrinology

GEORGE, Jack M., M.D.  
Associate Attending Staff, Division of Endocrinology

MALARKEY, William Blair, M.D.  
Associate Attending Staff, Division of Endocrinology

O'DORISIO, Thomas Michael, M.D.  
Associate Attending Staff, Division of Endocrinology

OSEI, Kwame, M.D.  
Associate Attending Staff, Division of Endocrinology

**DEPARTMENT OF INTERNAL MEDICINE -- Division of Gastroenterology**

KIRKPATRICK, Robert Bruce, M.D.  
Associate Attending, Division of Gastroenterology

MEKHJIAN, Hagop S., M.D.  
Associate Attending Staff, Division of Gastroenterology

July 6, 1990 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

Medical Staff--Appointments (The Arthur G. James Cancer Hospital and Research Institute)  
(contd)

**DEPARTMENT OF INTERNAL MEDICINE -- Division of Gastroenterology (contd)**

THOMAS, Fred B., M.D.  
Associate Attending Staff, Division of Gastroenterology

**DEPARTMENT OF INTERNAL MEDICINE**

ANDERSON, Clark Lawrence, M.D.  
Associate Attending Staff, Division of Immunology

BIRSKOVICH, Lorraine M., M.D.  
Associate Attending Staff, Department of Internal Medicine

FRIEDMAN, Barry Marvin, M.D.  
Associate Attending Staff, Department of Internal Medicine

GAEUMAN, John Victor, M.D.  
Associate Attending Staff, Department of Internal Medicine

HEINTZ, John S., M.D.  
Associate Attending Staff, Department of Internal Medicine

KREGGER, Cynthia G., M.D.  
Associate Attending Staff, Dept. of Internal Medicine/General

LIBERTIN, Andrew George, M.D.  
Associate Attending Staff, Department of Internal Medicine

MAZZAFERRI, Ernest L., M.D.  
Associate Attending Staff, Department of Internal Medicine

ROBINSON, John Lee, M.D.  
Associate Attending Staff, Department of Internal Medicine

**DEPARTMENT OF INTERNAL MEDICINE -- Division of Hematology/Oncology**

BALCERZAK, Stanley Paul, M.D.  
Attending Staff, Division of Hematology & Oncology

BEHRENS, Brent Conrad, M.D.  
Attending Staff, Division of Hematology & Oncology

GUY, Jerry Thomas, M.D.  
Clinical Attending Staff, Division of Hematology & Oncology

KRAUT, Eric Harvey, M.D.  
Attending Staff, Division of Hematology/Oncology

July 6, 1990 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

Medical Staff--Appointments (The Arthur G. James Cancer Hospital and Research Institute)  
(contd)

**DEPARTMENT OF INTERNAL MEDICINE -- Division of Hematology/Oncology (contd)**

METZ, Earl Nelson, M.D.  
Attending Staff, Division of Hematology/Oncology

SAGONE, Arthur Lawrence, M.D.  
Attending Staff, Division of Hematology/Oncology

**DEPARTMENT OF INTERNAL MEDICINE -- Division of Infectious Diseases**

FASS, Robert J., M.D.  
Associate Attending Staff, Division of Infectious Diseases

KOLETAR, Susan L., M.D.  
Associate Attending Staff, Division of Infectious Diseases

KUNIN, Calvin Murray, M.D.  
Associate Attending Staff, Division of Infectious Diseases

MAHER, William Edward, M.D.  
Associate Attending Staff, Division of Infectious Diseases

MERZ, David Charles, M.D.  
Associate Attending Staff, Division of Infectious Diseases

PARA, Michael Francis, M.D.  
Associate Attending Staff, Division of Infectious Diseases

PERKINS, Robert L., M.D.  
Clinical Attending Staff, Division of Infectious Diseases

PLOUFFE, Joseph, F. M.D.  
Associate Attending Staff, Division of Infectious Diseases

**CLINICAL DEPARTMENT OF NEUROLOGY**

DEMARIA, JR., Alfred Anthony, M. D.  
Clinical Attending Staff, Division of Neurology

KISSEL, John Thomas, M.D.  
Associate Attending Staff, Division of Neurology

MENDELL, Jerry R., M.D.  
Associate Attending Staff, Division of Neurology

NEWTON, Herbert B., M.D.  
Associate Attending Staff, Division of Neurology

July 6, 1990 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

Medical Staff--Appointments (The Arthur G. James Cancer Hospital and Research Institute)  
(contd)

**CLINICAL DEPARTMENT OF NEUROLOGY (contd)**

SAHENK, Zarife, M.D.  
Associate Attending Staff, Clinical Department of Neurology

SLIVKA, Andrew P., M.D.  
Associate Attending Staff, Department of Neurology

WARMOLTS, John R., M.D.  
Associate Attending Staff, Department of Neurology

**CLINICAL DEPARTMENT OF OB/GYN**

BELL, Jeffrey G.  
Clinical Attending Staff, Division of Gyn/Oncology

BOUTSELIS, John G., M.D.  
Attending Staff, Division of Oncology

COPELAND, Larry, M.D.  
Attending Staff, Division of Gynecologic Oncology

ESSIG, Garth Fredric, M.D.  
Associate Attending Staff, OB/GYN

LANDON, Mark B., M.D.  
Associate Attending Staff, Department of OB/GYN

LEWANDOWSKI, George Scott, M.D.  
Attending Staff, Division of Gynecologic Oncology

SAMUEL, Mervyn J., M.D.  
Clinical Assistant Staff, Department of OB/GYN

**DEPARTMENT OF INTERNAL MEDICINE -- Division of Renal**

BAY, William H. M.D.  
Associate Attending Staff, Division of Nephrology

COSIO, Fernando Garcia, M.D.  
Associate Attending Staff, Division of Nephrology

DILLON, John J., M.D.  
Associate Attending Staff, Division of Renal Diseases

HEBERT, Lee A., M.D.  
Associate Attending Staff, Division of Nephrology

July 6, 1990 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

Medical Staff--Appointments (The Arthur G. James Cancer Hospital and Research Institute)  
(contd)

**DEPARTMENT OF INTERNAL MEDICINE -- Division of Renal (contd)**

MIDDENDORF, Donald Fredric, M.D.  
Associate Attending Staff Division of Nephrology

NAHMAN, JR., Norris Stanley, M.D.  
Associate Attending Staff, Division of Nephrology

**DEPARTMENT OF OPHTHALMOLOGY**

BENES, Susan C., M.D.  
Associate Attending Staff, Department of Ophthalmology

BRUCE, JR., Robert A., M.D.  
Associate Attending Staff, Department of Ophthalmology

BURNS, John A., M.D.  
Associate Attending Staff, Department of Ophthalmology

CAHILL, Kenneth V., M.D.  
Associate Attending Staff, Department of Ophthalmology

CHAMBERS, Robert B., D.O.  
Associate Attending Staff, Department of Ophthalmology

DAVIDORF, Frederick H., M.D.  
Associate Attending Staff, Department of Ophthalmology

HARNISH, Wesley James, M.D.  
Clinical Attending Staff, Department of Ophthalmology

KELLEY, Curtin Gregg, M.D.  
Clinical Attending Staff, Department of Ophthalmology

LEMBACH, Richard George, M.D.  
Associate Attending Staff, Department of Ophthalmology

WEBER, Paul August, M.D.  
Associate Attending Staff, Department of Ophthalmology

**DEPARTMENT OF OTOLARYNGOLOGY**

KELLY, David Robert, M.D.  
Associate Attending Staff, Department of Otolaryngology

SAUNDERS, William H., M.D.  
Associate Attending Staff Department of Otolaryngology

July 6, 1990 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

Medical Staff--Appointments (The Arthur G. James Cancer Hospital and Research Institute)  
(contd)

**DEPARTMENT OF OTOLARYNGOLOGY (contd)**

SCHULLER, David E., M.D.  
Attending Staff, Department of Otolaryngology

SIEGEL, Ronald Jay, M.D.  
Attending Staff Department of Otolaryngology

**DEPARTMENT OF PATHOLOGY**

BAKER, Peter B., M.D.  
Associate Attending Staff, Department of Pathology

BLAZINA, Janice Fay, M.D.  
Associate Attending Staff, Department of Pathology

BOESEL, Carl P., M.D.  
Associate Attending Staff, Department of Pathology

BRANDT, John T., M.D.  
Associate Attending Staff, Department of Pathology

CLAUSEN, Kathryn Pearce, M.D.  
Associate Attending Staff, Department of Pathology

HAMMOND, Sue, M.D.  
Associate Attending Staff, Department of Pathology

KENNEDY, Melanie S., M.D.  
Associate Attending Staff, Department of Pathology

KEYHANI-ROFAGHA, Sedigheh, M.D.  
Associate Attending Staff, Department of Pathology

LUCAS, Joel George, M.D.  
Associate Attending Staff, Department of Pathology

MARSH, JR., William Laverne, M.D.  
Associate Attending Staff, Department of Pathology/Surgical

NEFF, John Carl, M.D.  
Associate Attending Staff, Department of Pathology

O'TOOLE, Robert V., M.D.  
Associate Attending Staff, Department of Pathology

SEDMAK, Daniel Dreese, M.D.  
Associate Attending Staff, Department of Pathology

July 6, 1990 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

Medical Staff--Appointments (The Arthur G. James Cancer Hospital and Research Institute)  
(contd)

**DEPARTMENT OF PATHOLOGY (contd)**

SENHAUSER, Donald Albert, M.D.  
Associate Attending Staff, Department of Pathology

SHARMA, Hari M., M.D.  
Associate Attending Staff, Department of Pathology

SMITH, Jack W., Jr., M.D.  
Associate Attending Staff, Department of Pathology

SPEICHER, Carl Eugene, M.D.  
Associate Attending Staff, Department of Pathology

THEIL, Karl Stephen, M.D.  
Associate Attending Staff, Department of Pathology

**DEPARTMENT OF PHYSICAL MEDICINE**

BOWYER, Brian L., M.D.  
Associate Attending Staff, Department of Physical Medicine

CLAIRMONT, Albert C., M.D.  
Associate Attending Staff, Department of Physical Medicine

COLACHIS, Sam C., M.D.  
Associate Attending Staff, Dept. of Physical Medicine

JOHNSON, Ernest W., M.D.  
Associate Attending Staff Department of Physical Medicine

KAPLAN, Paul E., M.D.  
Associate Attending Staff, Department of Physical Medicine

PEASE, William S., M.D.  
Associate Attending Staff, Department of Physical Medicine

**DEPARTMENT OF PREVENTIVE MEDICINE**

BROWN, Charles Gerand, M.D.  
Associate Attending Staff, Department of Preventive Medicine

ROBERTS, David E., M.D.  
Associate Attending Staff, Department of Preventive Medicine

July 6, 1990 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

Medical Staff--Appointments (The Arthur G. James Cancer Hospital and Research Institute)  
(contd)

**DEPARTMENT OF PSYCHIATRY**

ASLANIAN, Wahan Socrat, M.D.  
Associate Attending Staff, Department of Psychiatry

CHURCHILL, Cynthia Marie, M.D.  
Associate Attending Staff, Department of Psychiatry

NASRALLAH, Henry Ata, M.D.  
Associate Attending Staff, Professor/Chairman, Dept. of Psychiatry

PARISER, Stephen F., M.D.  
Associate Attending Staff, Dept. of Psychiatry

SHY, Kathy Elaine, M.D.  
Associate Attending Staff, Department of Psychiatry

**DEPARTMENT OF RADIOLOGY**

BELTRAN, Javier, M.D.  
Associate Attending Staff, Department of Radiology

BENNETT, William Fred, M.D.  
Associate Attending Staff, Department of Radiology

BOVA, James Gregory, D.O.  
Associate Attending Staff, Department of Radiology

BROGAN, Martha Anne, M.D.  
Associate Attending Staff, Division of Neuroradiology

CHAKERES, Donald William, M.D.  
Associate Attending Staff, Division of Neuroradiology

CHRISTOFORIDIS, A. John, M.D.  
Associate Attending Staff, Department of Radiology

GAHBAUER, Reinhard Alfred, M.D.  
Attending Staff, Division of Radiology/Oncology

HODGSON, Sheila E., M.D.  
Attending Staff, Division of Radiation Oncology

NAG, Subir, M.D.  
Attending Staff, Division of Radiation Oncology

July 6, 1990 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

Medical Staff--Appointments (The Arthur G. James Cancer Hospital and Research Institute)  
(contd)

**DEPARTMENT OF RADIOLOGY (contd)**

PIETERS, Richard Sawyer, M.D.  
Attending Staff, Division of Radiation Oncology

STOCKUM, Alfred E., M.D.  
Associate Attending Staff, Division of Angiography & Interventional

VAN AMAN, Michael Elwin, M.D.  
Associate Attending Staff, Division of Diagnostic Radiology

**DEPARTMENT OF SURGERY**

ARNOLD, Mark William, M.D.  
Associate Attending Staff, Division of General Surgery

BADALAMENT, Robert A., M.D.  
Attending Staff, Division of Urology

CLOUTIER, Charles Theodore, M.D.  
Associate Attending Staff, Division of General Surgery

DRAGO, Joseph Rosario, M.D.  
Attending Staff, Division of Urology

DURHAM, Joseph R., M.D.  
Associate Attending Staff, Division of General Surgery

ELLISON, E. Christopher, M.D.  
Clinical Attending Staff, Division of General Surgery

FARRAR, William Blair, M.D.  
Attending Staff, Division of Surgical Oncology

FERGUSON, Ronald Morris, M.D.  
Associate Attending, Division of Transplantation

FLANCABAUM, Louis Jack, M.D.  
Associate Attending, Division of General Surgery

GOODMAN, Joseph H., M.D.  
Associate Attending Staff, Division of Neurologic Surgery

HENRY, Mitchell Lane, M.D.  
Associate Attending Staff, Division of Transplantation

HOWANITZ, E. Paul, M.D.  
Associate Attending Staff, Division of Thoracic Surgery

July 6, 1990 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

Medical Staff--Appointments (The Arthur G. James Cancer Hospital and Research Institute)  
(contd)

**DEPARTMENT OF SURGERY (contd)**

JONASSON, Olga, M.D.

Associate Attending Staff, Department of Surgery

KILMAN, James William, M.D.

Associate Attending Staff, Division of Thoracic Surgery

KING, Denis Renz, M.D.

Clinical Attending Staff, Dept. of Surgery/Pediatric

MARTIN, Jr., Edward Wright, M.D.

Attending Staff, Department of Surgery

MINER, Michael Ervin, M.D.

Associate Attending Staff, Division of Neurosurgery

MINTON, John P., M.D.

Attending Staff, Department of Surgery

MURRAY, Kevin Dennis, M.D.

Associate Attending Staff, Division of Thoracic & Cardiovascular

MYEROWITZ, P. David, M.D.

Associate Attending Staff, Division of Thoracic Surgery

NIMS, Thomas A., M.D.

Clinical Attending Staff, Division of Surgical Oncology

OSTRUM, Robert Fredric, M.D.

Associate Attending Staff, Division of Orthopaedics

REA, Gary L., M.D.

Associate Attending Staff, Division of Neurosurgery

ROBERTS, John B., M.D.

Associate Attending Staff, Division of Orthopaedics

RUBERG, Robert L., M.D.

Associate Attending Staff, Division of Plastic Surgery

SCHWARZELL, John Richard, M.D.

Clinical Attending Staff, Division of General Surgery

SIMON, Sheldon Roy, M.D.

Associate Attending Staff, Division of Orthopaedics

SMEAD, William Lewis, M.D.

Associate Attending Staff, Division General Vascular Surgery

July 6, 1990 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

Medical Staff--Appointments (The Arthur G. James Cancer Hospital and Research Institute)  
(contd)

**DEPARTMENT OF SURGERY (contd)**

STECHISON, Michael Thomas, M.D.  
Associate Attending Staff, Division of Neurosurgery

TEICH, Steven, M.D.  
Associate Attending Staff, Division of Pediatric Surgery

TESI, Raymond J., M.D.  
Associate Attending Staff, Division of Transplantation

TOWNSEND, Michael Christopher, M.D.  
Associate Attending Staff, Division of General Surgery

WALKER, Michael James, M.D.  
Attending Staff, Division of Surgical Oncology

WEIS, Lawrence D., M.D.  
Associate Attending Staff, Division of Orthopaedic Surgery

WISE, Henry Alexander, M.D.  
Clinical Attending Staff, Division of Urology

WOODWORTH, Bruce Edward, M.D.  
Associate Attending Staff, Division of Urology

YORK, Jeffrey P., M.D.  
Associate Attending Staff, Division of Urology

Honorary Staff--Appointments (The Arthur G. James Cancer Hospital and Research Institute)

SULLIVAN, Louis W., M.D.  
Honorary Staff, Secretary of the U.S. Department of Health and Human Services

JAMES, Arthur G., M.D.  
Honorary Staff, Department of Surgery  
Emeritus Professor

NEWTON, William Allen, M.D.  
Honorary Staff, Department of Pathology & Pediatrics  
Emeritus Professor

July 6, 1990 meeting, Board of Trustees

### PERSONNEL ACTIONS (contd)

Mr. Teaford:

I would note, Madam Chairperson, that one of the Honorary Staff--Appointments is Dr. Sullivan, Secretary of Health and Human Services.

Upon motion of Mr. Kessler, seconded by Mr. Teaford, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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### RESOLUTION IN MEMORIAM

Resolution No. 91-6

Synopsis: The Academic Affairs Committee recommended the approval of a Resolution in Memoriam for Fanchon Warfield.

RESOLVED, That the Board adopt the following Resolution in Memoriam and that the President be requested to convey a copy to the family of the deceased.

#### Fanchon Warfield

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on June 5, 1990, of Fanchon Warfield, Professor Emeritus in the Department of Home Economics Education.

Professor Warfield was born in Summerfield, Ohio, on February 6, 1903. Following an introduction to education at Ohio University in 1928, she continued with her Master's degree from Washington State College in 1947.

Professor Warfield began her career in education as a public high school teacher in southeast Ohio from 1922-1936. In 1950, she began her work with the Cooperative Extension Service as County Home Economics Agent (County Home Demonstration Agent) and continued in this position for fourteen years. Also in 1950, she became the Assistant State Leader; and from 1956 until her retirement in 1970, she was Leader of Training.

In 1955, Professor Warfield received the "Professor of the Year" award and worked as faculty advisor of the University 4-H Club for four years. She also gave many presentations at county meetings, served as consultant to study groups in the counties, worked on many programs for the National Training Conferences, and was professional advisor to many students. Professor Warfield will be well remembered by many students.

Professor Warfield was also involved in the Induction Training Committee; Workshops for Credit; the Annual Conference; The Ohio State Fair; and the Public Relations and College Recruitment Committee. She was a member of OHEA, AHEA, AAUW, Phi Upsilon Omicron, and Epsilon Sigma Phi.

July 6, 1990 meeting, Board of Trustees

### RESOLUTION IN MEMORIAM (contd)

Fanchon Warfield (contd)

On behalf of the University community, the Board of Trustees expresses to the family its deep sympathy. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's realization of the loss that the family, the University, and her many friends and associates have sustained.

Upon motion of Mr. Kessler, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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### STUDENT AFFAIRS COMMITTEE REPORT

Ms. Paige:

The Student Affairs Committee began with a report from David Mucci and Mike Pollway. They updated the Committee on the recent developments in the Ohio and Drake Unions. The Unions' renewed commitment to serve as its campus community center provided the content for their presentation.

Three key issues confront the Unions today: infrastructure, deterioration, and deferred maintenance. These issues remain a serious challenge for the Unions now and in the foreseeable future. Fourteen million dollars in renovations will be required within the next two decades; \$2.5 million of that sum is immediately needed. The Unions have recently had \$1.5 million in projects funded through a recent OSU bond issue. The Unions financial state continues to improve but the current \$1.8 million deficit will take several years to eliminate. The Unions are working vigorously to achieve such through various revenue generating and cost eliminating efforts.

The Unions' Student Program and Leadership Development Activities continue to engage students and campus services. The Unions have redoubled their program commitment with their assignment of Student Affairs Committee major events which include: concerts, Michigan Weekend, Afro-American Heritage Festival, and Welcome Week. In fulfilling their curricular role, Union programs serve the institution's academic mission through academically related programs. The Unions have also made strides in the area of diversity and international retention programs.

We next heard reports from the student government leaders:

Ms. Benetta Lucius:

Good morning. I have officially taken over my duties for the Council of Graduate Students and I am glad to have this opportunity to serve in this position, and, also, the opportunity to speak before you. I am going to try to continue to follow the traditions set by the past Presidents, Roger and Luke, except for one -- I will not grow a beard. Our other new officers are: Vice President, Randy F. Rush, a Ph.D. student in Educational Theory & Practice; Secretary, Beth Miller, a Ph.D. student in Pathology; and Treasurer, John E. Quintoc, a Master's student in City and Regional Planning.

July 6, 1990 meeting, Board of Trustees

### STUDENT AFFAIRS COMMITTEE REPORT (contd)

Ms. Lucius: (contd)

Vice President Randy Rush is busy scheduling interviews for those graduate students interested in serving on the University Senate, the Council of Research and Graduate Studies, and University-wide committees. He is also planning our orientation for new graduate students this Fall. Our Ad Hoc Committee, the Quarter Re-evaluation Committee, is conducting an informal poll of graduate students to ask questions concerning their view as to the appropriateness of the quarter calendar at Ohio State. We will continue to study that issue.

By consensus our spring picnic was a success. The weather was picnic perfect. The band, the electricians, and the sound crew were all there on time to set up. All was a success, except our attendance wasn't as great as we had hoped. Therefore, today we are having a summer cookout for graduate students, faculty, and staff to divest ourselves of the remaining food from the picnic. You are all welcome to attend.

Finally, I would like to say thank you to the Search Committee for all of their hard work and to the Board in their selection of the new President for this University. We know that it was not an easy job. We would like to welcome Dr. Gee to Ohio State University, knowing that he represents the finest among 150 applicants. I like his bow tie. I can't say that this is true for all graduate students. We think that he shares his trademark with good company: Humphrey Bogart, Winston Churchill, and Pee Wee Herman. The emphasis, I think, should be that the bow tie is an attire of a gentleman and from what I can tell, it is suitable. We are, indeed, glad to have Dr. Gee as President of this University. Thank you.

Ms. Paige:

Are there any questions? Next, we will hear a report from Mike Clark, President of the Undergraduate Student Government.

Mr. Mike Clark:

Good morning. First, I would like to introduce John Lewis, our USG Treasurer. I am going to try, periodically, to bring members of USG to these meetings so they can get a feel for and see actually what the Board of Trustees are about. This is the beginning of my fifth year here, and I had no conception of who the Trustees were and what they did until I got involved in this office. I am trying to get our organization more involved -- to see what we do and what you do.

I would like to talk about some of the concepts USG will be working on next year. I feel that in the past few years the Undergraduate Student Government has been somewhat isolated. We seem to be confined to the realms of the Columbus area. We are starting to get involved in the organization called OSA (Ohio Student Association). Their success has been a roller coaster over the last few years and Ohio State's involvement with this organization has been a roller coaster. I don't know if we're on the same roller coaster or the same track or not, but seeing that we are the center of Ohio and we are the largest school in Ohio, we can play a major role in the reconstruction of this organization by trying to get other public universities in the State together and discussing some of the issues of higher education. Along those lines is Voter Registration. With the elections coming up in November, we are

July 6, 1990 meeting, Board of Trustees

### STUDENT AFFAIRS COMMITTEE REPORT (contd)

Mr. Clark: (contd)

trying to set up an All-Ohio Voter Registration Campaign. Hopefully if we get a great turnout, which we are predicting, maybe we can use this as some kind of poll or whatever you want to call it with funding for the State and the University, and things of that nature.

I would also like to update you on some of the things we are doing ourselves. I don't know if you are really involved, or if you really have the understanding of all the projects we do for the students, but one thing we do is the Crime Watch Escort Service which is involved with the campus safety issue. It has been in existence for about five years. It is ranked third in the country for a university escort service. It has been growing quite a bit every year. What we do is publicize on campus to provide escorts back and forth from the dorms and the libraries, etc. The students don't have to walk by themselves and feel the threat of being attacked or harassed. What we want to try and do is improve the service this year and to try and develop some better orientation programs for these people, we call them roves. These are the people who go out and do the escorting. We are trying to have programs with OSU police to educate people on first aid and how to handle certain crisis situations that might occur when they are doing the escorting.

We are also trying to create better publicity for this service. Right now it is operating by word of mouth. We want to come up with posters we can put in the dorms and in the libraries to remind people of the service. We are also going to be using the Lantern, and trying to come up with key chains, things of that nature. We are hoping with greater publicity we will have an increase in the number of people requesting the Escort Service for this coming fall. Now with the University's new hourly rate, we will probably have to decrease the number of people working in the organization. We are really going to have our hands full.

Also, Mike Stiziano has been working on a program for the Campus area. I understand this program is on hold right now and I don't know the exact details. We really haven't been too involved with that, but we hope to try and intermix our Escort Service and Mr. Stiziano's program once this gets off the ground.

To sum everything up, USG has to break out of its shell. Not only do I feel that we have been somewhat isolated at the national level with all other student organizations, but I think we have isolated ourselves on this Campus. The faculty and administrators are somewhat aware of what the Undergraduate Student Government does, but the students really are not aware. We really have to start concentrating on and put more emphasis on USG involvement with student organizations, not just financially, but going in and helping them work the programs. Also, we think we should start working with the Council of Graduate Students and IPC on some of their programs. We can all accomplish a lot more for the students if we all work as one single unit. That is what we hope to do in the upcoming year. Are there any questions?

Mr. Tonnies:

The Escort Service has seen an increase in the number of requests for their service -- getting from the library back to the dorms or whatever, right? So the word is getting out.

July 6, 1990 meeting, Board of Trustees

**STUDENT AFFAIRS COMMITTEE REPORT (contd)**

Mr. Clark:

Yes, the word is getting out. Like I said before, right now it is just by word of mouth. We need to do more than that. We want to become even bigger. You know how the crime rate has been escalating. We want to start publicizing the service more via the Lantern, posters, or however we can.

Ms. Paige:

How many students utilize this service?.

Mr. Clark:

I don't have the exact figures, but, I believe, we average 17 escorts a night. That is actually fall, winter, and spring. We don't have it operating during the summer because of budget constraints.

Mr. Shumate:

You might be interested to know that Dr. Gee is a strong supporter of the Escort Service and actually participated, at the University of Colorado, in an effort to promote this very important function.

Mr. Clark:

The Director of the Escort Service and myself met with Dr. Gee on Thursday of last week. Dr. Gee said he will go out with us when he gets here. It will be interesting to see how it comes out.

Mr. Teaford:

He will. That has been his history at Colorado. I have heard from a number of persons who had sons and daughters at the University of Colorado, talking about how distressed they were because they have had personal involvement with Dr. Gee. In fact, it is quite awesome the number of people who have said that to me.

Mr. Clark:

We would like, hopefully, in the future to have this Escort Service expand a little bit more to the off-campus housing area. There are a lot of students that are considered commuter students because they live off-campus. They might live a half mile from campus and come to the libraries and have to walk that extra distance, sometimes through one of those problem areas. We are trying to come up with ways to deal with that, maybe that is what Mr. Stizano's program is about.

Mr. Celeste:

Mike, you said that there is an increase in requests. Is it an actual fact that the crime rate is increasing?

July 6, 1990 meeting, Board of Trustees

**STUDENT AFFAIRS COMMITTEE REPORT (contd)**

Mr. Teaford:

Ted, according to statistics we have had exceptions, but, indeed, the statistics are remarkably level over 10 years. We had that report sometime last year.

Mr. Clark:

Whether it is really increasing or not, I think, the perceptions are what you have to worry about. People think the crime rate is up, you have to respond to that demand.

Amb. Wolf:

We had some highly publicized activities beginning this past academic year which really--

Mr. Teaford:

It turned out some of them didn't happen.

Mr. Shumate:

Mike, are undergraduate students participating in this study on quarters vs. semesters or is that just the graduate students?

Mr. Clark:

I believe it is just the graduate students.

Ms. Lucius:

We feel that the graduate students have had more opportunity to experience quarter or semester systems, so they have more of a way of comparing this system with another system.

Ms. Paige:

The Graduate School Study is for the undergraduate system. Their proposal is not yet for the whole system.

Mr. Shumate:

That's what I was asking.

Mr. Tonnies:

Ohio State does have a large number of transfer students. All you have to do is look at any college office and see that. Maybe you can tap into that source, because many undergraduates come from semester schools.

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July 6, 1990 meeting, Board of Trustees

### AGRICULTURAL AFFAIRS COMMITTEE

Mrs. Bowser:

This morning, since Ms. Casto is in China, we had our Vice Chair of the Agricultural Affairs Committee, Steven Maurer, with us. Steven is the Director of Agriculture for the State of Ohio. He has been a regular attendee to the Agricultural Affairs Committee meetings, but generally you don't see him at the Board meetings. We are very happy to have you with us this morning, Steven, and will you please report for us on the Agricultural Affairs Committee.

Mr. Steven D. Maurer:

Thank you, Madam Chair, it is a pleasure to be here. I think this is the first time I have had the opportunity to Chair the meeting and, I guess, I can thank Ms. Casto for that. The Agricultural Affairs Committee of the Board of Trustees received two reports, one was an update on the Ag Situation in Ohio this year and the second was on our international programs at the University through the College of Agriculture.

Dr. Bob Moser, Associate Dean of the College of Agriculture and Director of the Ohio Cooperative Extension Service, and Dr. Don Pritchard, Assistant Director of the Ohio Cooperative Extension Service, described the 1990 Ag Situation in Ohio. As in 1989 Ohio has, again, experienced another wet spring that is impacting agriculture. The impact has been very severe in the southern and southeastern counties. Twenty-two counties have been declared disaster counties, eight additional counties have been recommended for disaster status. While the weather has caused a serious impact in these counties, it has not seriously effected most of the major crop producing counties. Two-thirds of the income produced from crops in Ohio, are generated from the northwest to west central and southwestern counties, which generally have had acceptable weather conditions. Virtually all of the corn and soybeans have been planted, except double cropped soybeans which should be planted in the next two weeks.

The wheat harvest has progressed rather well. The yields and test weights are up. Northwestern Ohio is awash in combines at the moment trying to get that harvest in. What limited Konola planting exists in this State will also be harvested at about the same time. That is a relatively new crop and we are all interested to see just how that fares in the State. Fruit crops in Ohio were damaged by earlier frost and while there is going to be a diminished crop there will be peaches, apples, and grapes.

The College, through the Ohio Cooperative Extension Service, has distributed news releases and news letters that provide the farmers and home owners information on crop and plant cultural practices related to the wet weather. Also, responses were made to individual requests for specific research-based information. I might also note that we had a discussion on the role that the Extension Service played in relation to the disaster that took place in Shadyside, and really regarding the role that this institution plays whenever there is a disaster in Ohio. We find that the Extension Service is a very, very strong and important link when our counties have difficulties.

July 6, 1990 meeting, Board of Trustees

**AGRICULTURAL AFFAIRS COMMITTEE (contd)**

Mr. Maurer: (contd)

Next, we received a report from Dr. David Hanson, Associate Dean and Director of International Programs, who briefed the Committee on the international dimension of the teaching, research, and service programs of the College of Agriculture. International programs involve: faculty overseas travel; research teaching and technical assistance; recruitment of international graduate students; study and research abroad opportunities for graduate and undergraduate students; and the use of international students to inform the OSU community, as well as communities throughout Ohio, about other countries and international issues.

Current programs conducted by the College include: a \$10.1 million program in Uganda, funded by the U.S. Agency for International Development; \$7.25 million for a U.S. AID funded program in the Dominican Republic; \$100,000 for a U.S. AID funded program in Swaziland; \$150,000 program/support project funded by AID; and a number of graduate training programs for international students. The International Programs Office in the College also administers an International Agriculture Intern Program that places OSU students on farms and in agri-businesses. A Peace Corps recruiting office for Central Ohio is located in the College's International Programs Office.

I think it was the general consensus of the Committee that we, as a State, considering the nature of the world today, need to pay a lot more attention to our international programs throughout the State government and here at the University. In developing nations, the role of agriculture can be very important and one from which Ohio can learn, as well as teach.

Madam Chairperson, that concludes my report. I would like to mention that within the last month the Ag Income Enhancement Center funding, which was promised by Governor Celeste two years ago, has finally been completed. The State's share has been completed and the program is now fully funded. Thank you, Madam Chairperson.

Mrs. Bowser:

Thank you very much for giving us your morning. We appreciate your time. This kind of report reminds us of our land-grant mission here at Ohio State. We do reach out and that is why we were founded and how we were founded. It always makes me very proud when I hear of our participation with people around the State. Shadyside is a good example of Ohio State's commitment to the people of Ohio.

Mr. Teaford:

Another thing, Madam Chairperson, in the course of our interviewing the candidates for the Presidency, it cannot be overemphasized how important it was to all of them that we are a land-grant institution and where the future of higher education lies.

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July 6, 1990 meeting, Board of Trustees

### FISCAL AFFAIRS COMMITTEE REPORT

Amb. Wolf:

The Fiscal Affairs Committee is recommending the following resolutions:

#### REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

Resolution No. 91-7

Synopsis: The Fiscal Affairs Committee recommended the approval of the research contracts, grants, and gifts and the summary for May 1990.

WHEREAS monies are solicited and received on behalf of the University from governmental, industrial, other agencies, alumni, and various individuals in support of research, instructional activities, and service; and

WHEREAS such gifts and grants are received through The Ohio State University Research Foundation, the Engineering Experiment Station of The Ohio State University, The Ohio State University Development Fund, and The Ohio State University Foundation:

NOW THEREFORE

BE IT RESOLVED, That the research agreement between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the reports from the Engineering Experiment Station, The Ohio State University Development Fund, and The Ohio State University Foundation during the month of May 1990 be approved.

Upon motion of Amb. Wolf, seconded by Mr. Teaford, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

#### SUMMARY FOR MAY 1990

##### Background

Source	No. of Projects	Support Level
The Ohio State University Research Foundation	141	\$10,153,360.53
Engineering Experiment Station	28	\$ 492,513.00
Total	169	\$10,645,873.53
The Ohio State University Development Fund		
Establishment of Named Funds		
The Helen L. Kurtz Chair in Chemical Engineering Fund (Endowed Chair - Chemical Engineering)		\$ 300,000.00

July 6, 1990 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**SUMMARY FOR MAY 1990 (contd)**

Background (contd)

The Ohio State University Development Fund (contd)

Establishment of Named Funds (contd)

The Ralph W. Kurtz Chair in Mechanical Engineering Fund (Endowed Chair - Mechanical Engineering)	\$ 300,000.00
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The Columbus Chapter of Links, Inc. Scholarship Fund (Scholarships for Black students graduating from Columbus Public Schools)	\$ 30,000.00
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The Herbert F. Baas Memorial Award in Agricultural Engineering (Awards for research related to the animal by-products industries)	\$ 25,000.00
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The Aldrich Syverson Scholarship Fund (Scholarships - Chemical Engineering)	\$ 19,645.00
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The Eli and Sharon Barnes Endowment Fund (Discretionary fund for the Department of Black Studies)	\$ 15,250.00
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The Eli E. Rose Endowment Fund (Provide funds for the College of Business)	\$ 15,230.00
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The Lois and Ethel Leuchtag Nursing Scholarship Fund (Provide funds for College of Nursing)	\$ 15,000.00
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The Provico Big-H OARDC Faculty Research Awards Fund (Recognize OARDC scientists)	\$ 15,000.00
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Change in Name and Description of Named Fund

From: The William Lloyd Evans Fellowship Fund  
To: The William Lloyd and Cora Roberts Evans Fellowship

Change in Description of Named Funds

The Hazael Edward Welton Endowment Fund  
Richland County Ohio State University Alumni Club  
The Ohio State University at Mansfield Scholarship Endowment Fund

The Ohio State University Foundation

Approval of Description and Establishment of Fund

The Luther M. Keith Professorship in Surgery

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**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION**

Report - May 1990

Federal Research Contracts/Grants

\$624,776.00 - National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, Radar Cross Section Studies, ElectroScience Laboratory, Department of Electrical Engineering (W. D. Burnside), 1 April 1990 through 31 March 1991. (Project 761608 - Continuation)

\$365,000.00 - Department of Health and Human Services, National Center for Research Resources, Bethesda, Maryland, Purchase of a Gas Chromatograph/Mass Spectrometer, Chemical Instrumentation Center, Department of Chemistry, and Department of Biochemistry (A. G. Marshall), 12 April 1990 through 11 April 1991. (Project 768248 - New)

\$335,166.00 - Department of Agriculture, Science and Education, Washington, D.C., North Central Region Special Studies Program for Pesticide Impact Assessment, Department of Entomology - OARDC and Department of Entomology (A. C. Waldron), 1 April 1990 through 31 March 1992. (Project 768223 - New)

\$242,146.00 - National Science Foundation, Washington, D.C., Program for Leadership in Earth Systems Education, Department of Educational Studies: Humanities, Science, Technological, and Vocational (V. J. Mayer) and School of Natural Resources (R. W. Fortner), 15 May 1990 through 30 April 1991. (Project 768227 - New)

\$210,288.00 - National Science Foundation, Washington, D.C., Research on Cylindrical Algebraic Decomposition, Department of Computer and Information Science (G. E. Collins), 1 May 1990 through 30 April 1993. (Project 768240 - New)

\$196,316.00 - Department of Energy, Argonne, Illinois, Synthesis and Evaluation of Boron Compounds for Neutron Capture Therapy of Malignant Brain Tumors, College of Pharmacy (A. H. Soloway) and Department of Pathology (R. F. Barth), 1 May 1990 through 30 April 1991. (Project 768250 - New)

\$184,801.00 - Department of Education, Office of Special Education and Rehabilitation Services, Washington, D.C., Mediative Teaching and Learning Strategies, Education Administration and Department of Educational Services and Research (L. Magliocca), 1 October 1990 through 30 September 1991. (Project 767101 - Continuation)

\$183,415.00 - Department of Health and Human Services, National Institute of General Medical Sciences, Bethesda, Maryland, Synthesis of Polyquinane and Related Natural Products, Department of Chemistry (L. A. Paquette), 1 July 1990 through 30 June 1991. (Project 762298 - Continuation)

\$182,400.00 - Department of Education, Office of Postsecondary Education, Washington, D.C., Graduate Assistance Fellowships in Areas of National Need, Department of Physics (J. T. Tough), 1 September 1990 through 31 August 1991. (Project 768272 - New)

\$161,440.00 - Department of Health and Human Services, National Institute of Environmental Health Sciences, Bethesda, Maryland, Genotoxicity in Human Fetal Brain, Dermis, and Kidney Cells, Department of Radiology (S. M. D'Ambrosio and A. A. Wani), 1 June 1990 through 31 May 1991. (Project 763673 - Continuation)

July 6, 1990 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

Federal Research Contracts/Grants (contd)

\$160,814.00 - Department of Health and Human Services, National Institute of Diabetes and Digestive and Kidney Diseases, Bethesda, Maryland, Colitis and Colon Cancer in Cotton-Top Tamarins, Department of Physiology (J. D. Wood), 1 May 1990 through 30 April 1991. (Project 768233 - New)

\$156,223.00 - Department of Health and Human Services, National Heart, Lung, and Blood Institute, Bethesda, Maryland, Coronary Phenotypic Modulation After Cardiac Transplant, Department of Internal Medicine (R. C. Starling) and Department of Anatomy (A. R. Strauch), 1 May 1990 through 30 April 1991. (Project 767634 - Continuation)

\$155,992.00 - Department of Health and Human Services, National Institute of General Medical Sciences, Bethesda, Maryland, Intramolecular Electron Migration in Proteins and Polypeptides, Department of Chemistry (M. H. Klapper), 1 July 1990 through 30 June 1991. (Project 765529 - Continuation)

\$153,941.00 - Department of Health and Human Services, National Center for Research Resources, Bethesda, Maryland, Biomedical Research Support Grant, Medicine Administration (D. G. Cornwell), 1 April 1990 through 31 March 1991. (Project 761078 - Continuation)

\$139,553.00 - Department of Health and Human Services, National Cancer Institute, Bethesda, Maryland, Deoxycytidine Kinase: Regulation and Molecular Biology, Department of Biochemistry (D. H. Ives), 1 May 1990 through 30 April 1991. (Project 767295 - Continuation)

\$133,573.00 - Department of Health and Human Services, National Institute of Diabetes and Digestive and Kidney Diseases, Bethesda, Maryland, Dietary Fat: Physiological Function, Department of Physiological Chemistry (H. W. Sprecher), 1 May 1990 through 30 April 1991. (Project 764415 - Continuation)

\$125,800.00 - Environmental Protection Agency, Washington, D.C., Metabolism of Arsenicals by Alcaligenes faecalis, Department of Physiological Chemistry (C. R. Hille), 7 May 1990 through 6 May 1992. (Project 768277 - New)

\$123,480.00 - National Science Foundation, Washington, D.C., Nuclear Physics at Low and Intermediate Energies, Including the Hadron Charge Exchange and Radiative Capture Programs, Department of Physics (E. R. Sugarbaker), 1 December 1990 through 30 November 1991. (Project 766752 - Continuation)

\$113,460.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, High-Level Connectionist Models, Department of Computer and Information Science (J. B. Pollack), 1 October 1989 through 31 December 1990. (Project 767172 - Continuation)

\$109,909.00 - Department of Health and Human Services, National Center for Research Resources, Bethesda, Maryland, Biomedical Research Support Grant, Research and Graduate Studies Administration (T. L. Sweeney), 18 April 1990 through 31 March 1991. (Project 764748 - Continuation)

July 6, 1990 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$107,800.00 - National Science Foundation, Washington, D.C., Kinetics, Spectroscopy, and Mechanistic Studies of Carbenes, Biradicals, and Radicals, Department of Chemistry (M. S. Platz), 1 February 1990 through 31 January 1991. (Project 767259 - Continuation)

\$106,821.00 - Department of Health and Human Services, National Institute of Diabetes and Digestive and Kidney Diseases, Bethesda, Maryland, Biochemical Probes of the Active Site of Aromatase, College of Pharmacy (R. W. Brueggemeier and S. Black), 1 May 1990 through 30 April 1991. (Project 766718 - Continuation)

\$103,695.00 - Department of Health and Human Services, National Institute of Diabetes and Digestive and Kidney Diseases, Bethesda, Maryland, Function of the Enteric Nervous System, Department of Physiology (J. D. Wood), 1 May 1990 through 30 April 1991. (Project 765012 - Continuation)

\$102,346.00 - National Science Foundation, Washington, D.C., Technology-Informed Mathematics Education for Underrepresented Students (TIME for US), Academic Affairs Administration (J. J. Bishop) and Department of Mathematics (F. Demana), 15 March 1990 through 31 July 1991. (Project 768238 - New)

\$100,000.00 - Department of Agriculture, Science and Education, Washington, D.C., Assessing and Modeling Water Quality Benefits of Water Table Management Systems, Department of Agricultural Engineering - OARDC and Department of Agricultural Engineering (A. D. Ward), Department of Agronomy - OARDC and Department of Agronomy (T. J. Logan), and Department of Geology and Mineralogy (E. S. Bair), 15 May 1990 through 31 May 1993. (Project 768280 - New)

\$100,000.00 - Department of Education, Office of Postsecondary Education, Washington, D.C., Patricia Roberts Harris Program, 1990-1991, Graduate School Administration (J. D. Dickerscheid), 1 September 1990 through 31 August 1991. (Project 768264 - New)

\$100,000.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, ST1 Antigen in Wounds, Department of Molecular Genetics (R. A. Tassava), 1 July 1990 through 30 June 1991. (Project 768290 - New)

\$99,568.00 - Department of Health and Human Services, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Regulation of Metamorphosis Behavior in the Tsetse Fly, Department of Entomology (D. L. Denlinger), 1 June 1990 through 31 May 1991. (Project 767561 - Continuation)

\$94,900.00 - National Science Foundation, Washington, D.C., Energy and Structure of Interphase Interfaces, Department of Materials Science and Engineering (P. G. Shewmon and S. Dreglia), 1 May 1990 through 30 April 1991. (Project 768257 - New)

\$90,293.00 - Department of Health and Human Services, National Institute of Diabetes and Digestive and Kidney Diseases, Bethesda, Maryland, Marginal Copper Intake Effects: Superoxide Dismutase and Lipid Peroxidation, Department of Human Nutrition and Food Management (R. A. DiSilvestro), 1 May 1990 through 30 April 1991. (Project 768077 - Continuation)

July 6, 1990 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$81,000.00 - National Science Foundation, Washington, D.C., Properties of Superconductors, Department of Physics (T. R. Lemberger), 1 April 1990 through 31 March 1991. (Project 767396 - Continuation)

\$70,000.00 - Department of Education, Office of Educational Research and Improvements, Washington, D.C., Reading Recovery Project 1987-1991, Department of Educational Theory and Practice (C. A. Lyons, G. S. Pinnell, and D. Deford), 1 October 1990 through 30 September 1991. (Project 766402 - Continuation)

\$68,900.00 - National Science Foundation, Washington, D.C., Structural Requirements for Protein Membrane Assembly, Department of Chemistry (R. E. Dalbey), 1 December 1990 through 30 November 1991. (Project 766800 - Continuation)

\$67,873.00 - Department of Health and Human Services, National Cancer Institute, Bethesda, Maryland, Preclinical Pharmacology Investigations of Antitumor Agents, College of Pharmacy (J. Supko), 14 April 1990 through 17 August 1990. (Project 767472 - Continuation)

\$67,775.00 - Department of Health and Human Services, National Institute of Child Health and Human Development, Bethesda, Maryland, Regulation of Human Decidual Prolactin, Department of Internal Medicine (R. D. Jackson), 1 April 1990 through 31 March 1991. (Project 766234 - Continuation)

\$67,496.00 - National Aeronautics and Space Administration, Washington, D.C., Interaction of Calcium, Calmodulin, and Auxin in Root Gravitropism, Department of Botany (M. L. Evans), 1 March 1990 through 28 February 1991. (Project 763005 - Continuation)

\$64,740.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, Video Data Compression Using Neural Networks, Department of Electrical Engineering (S. Ahalt and A. K. Krishnamurthy), 1 April 1990 through 31 March 1991. (Project 768241 - New)

\$63,733.00 - Department of Energy, Argonne, Illinois, The Physics of Cellular Automata and Coherence and Chaos in Classical, Many-Body Dynamical Systems, Department of Physics (C. Jayaprakash and F. A. Hayot), 1 May 1990 through 30 April 1991. (Project 766728 - Continuation)

\$58,800.00 - National Science Foundation, Washington, D.C., Synthetic Catalysts Based on Reversible Covalent Bond Formation, Department of Chemistry (A. W. Czarnik), 1 June 1990 through 31 May 1991. (Project 767602 - Continuation)

\$56,840.00 - National Science Foundation, Washington, D.C., Single-Atom Peri-Bridged Arenes and Hetarenes: Carbenic and Silicatic Processes, Department of Chemistry (H. Shechter), 1 November 1990 through 31 October 1991. (Project 766810 - Continuation)

\$55,000.00 - National Aeronautics and Space Administration, Washington, D.C., Cellular Polarity and Interactions in Plant Gravitropism, Department of Botany (F. D. Sack), 15 December 1989 through 14 December 1990. (Project 764883 - Continuation)

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**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$51,953.00 - Department of Education, Office of Postsecondary Education, Washington, D.C., Expanding African Studies at The Ohio State University, University Center for International Studies (I. J. Mowoe), 1 October 1990 through 30 September 1991. (Project 767698 - Continuation)

\$50,000.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Compressible Free Shear Layer, Department of Mechanical Engineering (M. Samimy), 1 February 1990 through 30 September 1990. (Project 768247 - New)

\$44,821.00 - Department of the Air Force, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio, Controller Design Approaches and Evaluations, Department of Electrical Engineering (U. Ozguner and S. Yurkovich), 16 March 1990 through 30 September 1990. (Project 766464 - Continuation)

\$44,076.00 - National Science Foundation, Washington, D.C., Field Theoretic Models of Nuclear and Subnuclear Systems, Department of Physics (R. J. Perry), 1 September 1990 through 31 August 1991. (Project 766657 - Continuation)

\$42,040.00 - Department of Health and Human Services, National Cancer Institute, Bethesda, Maryland, Multiple Comparisons with the Best Treatment, Department of Statistics (J. C. Hsu), 1 June 1990 through 31 May 1991. (Project 765581 - Continuation)

\$41,857.00 - Department of Health and Human Services, Bureau of Health Professions, Rockville, Maryland, Graduate Program in Hospital and Health Services Administration, Division of Hospital and Health Services Administration (S. F. Loeb), 1 October 1990 through 30 September 1991. (Project 761329 - Continuation)

\$40,549.00 - Department of Agriculture, Science and Education, Washington, D.C., Improved Sampling Methods for Predicting Weed Infestations in Soybeans, Department of Agronomy - OARDC (J. Cardina and E. L. McCoy), 1 May 1990 through 30 April 1992. (Project 768286 - New)

\$39,982.00 - National Science Foundation, Washington, D.C., Idealizations and the Reliability of Dimensional Analysis, Department of Philosophy (R. E. Laymon), 1 October 1990 through 30 September 1991. (Project 768253 - New)

\$36,260.00 - National Science Foundation, Washington, D.C., Quasicrystals and Superfluid Helium, Department of Physics (T. L. Ho), 1 June 1990 through 31 May 1991. (Project 766683 - Continuation)

\$35,721.00 - National Science Foundation, Washington, D.C., Extensions of the Graph-Minor Project, Department of Mathematics (G. N. Robertson), 1 June 1990 through 31 May 1991. (Project 767504 - Continuation)

\$35,000.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, Theoretical Studies of the Surface Properties of Liquid Semiconductors and Metals, Department of Physics (D. G. Stroud), 1 May 1990 through 30 September 1990. (Project 767300 - Continuation)

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**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$32,701.00 - National Science Foundation, Washington, D.C., Models of the Location of Hub Facilities, Department of Geography (M. E. O'Kelly), 1 March 1990 through 28 February 1991. (Project 767343 - Continuation)

\$30,000.00 - Department of Agriculture, Washington, D.C., Small Area Estimation of Agricultural Products, Department of Statistics (P. K. Goel and E. Stasny), 1 June 1989 through 31 May 1991. (Project 767475 - Continuation)

\$30,000.00 - National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland, The Broad Emission Lines in the Seyfert Galaxy NGC 5548, Department of Astronomy (B. M. Peterson and G. J. Ferland), 1 June 1990 through 31 May 1991. (Project 768228 - New)

\$27,498.00 - Department of Transportation, National Highway Traffic Safety Administration, East Liberty, Ohio, Free Flight Composite Head Development, Department of Mechanical Engineering (J. A. Collins), 1 October 1990 through 31 December 1990. (Project 765776 - Continuation)

\$27,223.00 - Department of Health and Human Services, National Center for Research Resources, Bethesda, Maryland, Biomedical Research Support Grant, Dentistry Administration (W. R. Wallace), 1 April 1990 through 31 March 1991. (Project 764652 - Continuation)

\$26,800.00 - Department of Health and Human Services, National Center for Research Resources, Bethesda, Maryland, Biomedical Research Support Grant, College of Pharmacy (J. M. Cassidy), 1 April 1990 through 31 March 1991. (Project 760661 - Continuation)

\$24,059.00 - National Science Foundation, Washington, D.C., L-Functions with Applications to the Oscillator Representation, Department of Mathematics (S. Rallis), 1 December 1990 through 30 November 1991. (Project 766771 - Continuation)

\$22,000.00 - National Aeronautics and Space Administration, Washington, D.C., Fault Tolerant Control Using Neural Nets for Large Flexible Space Structures, Department of Electrical Engineering (U. Ozguner), 1 August 1990 through 31 July 1991. (Project 767653 - Continuation)

\$21,000.00 - Department of Health and Human Services, National Institute on Deafness and Other Communication Disorders, Bethesda, Maryland, Synaptogenesis and Gamma Amino Butyric Acid in the Gustatory Nucleus of the Solitary Tract, Oral Biology (M. C. Whitehead and D. L. De Witt), 1 June 1990 through 31 May 1991. (Project 768289 - New)

\$20,000.00 - National Aeronautics and Space Administration, Washington, D.C., Isolation and Characterization of Centrifugation Shock Genes from Spores of the Fern, Onoclea sensibilis, Department of Botany (V. Raghavan), 1 January 1990 through 31 December 1990. (Project 765460 - Continuation)

\$19,868.00 - National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland, Robust Estimation of Regional Deformations and Relative Plate Motions from Robust Estimation, Department of Geodetic Science and Surveying (I. I. Mueller), 1 August 1990 through 31 December 1990. (Project 761054 - Continuation)

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**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

**\$19,012.00** - National Science Foundation, Washington, D.C., Large Cardinals and Forcing, Department of Mathematics (M. Foreman), 1 June 1990 through 31 May 1991. (Project 767407 - Continuation)

**\$15,569.00** - National Science Foundation, Washington, D.C., Organized Interests Before the Senate: The Politics of Federal Judicial Nominations, Department of Political Science (G. A. Caldeira), 1 May 1990 through 30 April 1991. (Project 767471 - Continuation)

**\$15,172.00** - Department of Health and Human Services, National Center for Research Resources, Bethesda, Maryland, Biomedical Research Support Grant, Veterinary Medicine Administration (R. A. Wright), 1 April 1990 through 31 March 1991. (Project 762776 - Continuation)

**\$15,019.00** - Department of Health and Human Services, National Center for Research Resources, Bethesda, Maryland, Biomedical Research Support Grant, Nursing Administration (C. A. Anderson), 1 April 1990 through 31 March 1991. (Project 764658 - Continuation)

**\$13,604.00** - National Science Foundation, Washington, D.C., Microelectrode and Tracer Studies of the Chambered Nautilus Siphuncle, Department of Zoology (L. Greenwald), 1 April 1990 through 31 March 1991. (Project 768196 - New)

**\$10,952.00** - National Science Foundation, Washington, D.C., Optimal Stopping Problems for a Noncommunicating Team, Department of Statistics (P. K. Goel), 15 April 1990 through 31 March 1991. (Project 768231 - New)

**\$9,958.00** - Department of Health and Human Services, Bureau of Health Professions, Rockville, Maryland, Traineeships for Students in Graduate Health Administration Programs, Division of Hospital and Health Services Administration (S. F. Loebs), 1 July 1990 through 30 June 1991. (Project 768219 - New)

**\$4,500.00** - Department of Health and Human Services, National Center for Research Resources, Bethesda, Maryland, Minority High School Student Research Apprenticeship Program/Medicine, Office of Minority Affairs (L. G. Morrow), 1 March 1990 through 28 February 1991. (Project 768145 - Continuation)

**\$4,350.00** - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, Effects of Ice Formation on 2-D Aerodynamic Shapes, Department of Aeronautical and Astronautical Engineering (M. B. Bragg and G. M. Gregorek), 23 April 1990 through 30 June 1990. (Project 762009 - Continuation)

**\$4,000.00** - National Science Foundation, Washington, D.C., Predation, Herbivory, and Disturbance: Structuring Forces in the Littoral Zone Community of North Temperate Lakes, Department of Zoology (R. A. Stein), 15 May 1990 through 30 June 1990. (Project 767694 - Continuation)

**\$3,156.00** - Department of Health and Human Services, National Cancer Institute, Bethesda, Maryland, Novel Antineoplastic Agents from Higher Plants, College of Pharmacy (J. M. Cassidy and R. W. Doskotch) and Department of Pathology (R. E. Stephens), 1 December 1989 through 30 November 1990. (Project 767168 - Continuation)

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**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$3,000.00 - Department of Health and Human Services, National Center for Research Resources, Bethesda, Maryland, Minority High School Student Research Apprenticeship Program/Biological Sciences, Office of Minority Affairs (L. G. Morrow), 1 March 1990 through 28 February 1991. (Project 768148 - Continuation)

\$3,000.00 - Department of Health and Human Services, National Center for Research Resources, Bethesda, Maryland, Minority High School Student Research Apprenticeship Program/Dentistry, Office of Minority Affairs (L. G. Morrow), 1 March 1990 through 28 February 1991. (Project 768149 - Continuation)

\$3,000.00 - Department of Health and Human Services, National Center for Research Resources, Bethesda, Maryland, Minority High School Student Research Apprenticeship Program/Pharmacy, Office of Minority Affairs (L. G. Morrow), 1 March 1990 through 28 February 1991. (Project 768147 - Continuation)

\$3,000.00 - Department of Health and Human Services, National Center for Research Resources, Bethesda, Maryland, Minority High School Student Research Apprenticeship Program/Veterinary Medicine, Office of Minority Affairs (L. G. Morrow), 1 March 1990 through 28 February 1991. (Project 768146 - Continuation)

\$2,000.00 - National Science Foundation, Washington, D.C., Preparation of a  $\pi$ -Allyl Cation, Department of Chemistry (L. A. Paquette), 2 April 1990 through 1 March 1991. (Project 768234 - New)

\$1,540.02 - Department of the Interior, National Park Service, Yellowstone National Park, Wyoming, Local, Regional, and National Coverage of the 1988 Yellowstone-Area Wildfires: Content Analysis and Evaluation, School of Journalism (C. G. Smith), 9 February 1990 through 30 August 1990. (Project 767730 - Continuation)

\$126.00 - Environmental Protection Agency, Chicago, Illinois, Ohio Wastewater Treatment Conference, Cooperative Extension State Operations (K. M. Mancl), 1 October 1989 through 30 September 1990. (Project 767875 - Continuation)

**TOTAL - FEDERAL AWARDS**

**\$ 6,660,439.02**

**State of Ohio Research Contracts/Grants**

\$101,305.23 - State of Ohio, Department of Education, Columbus, Ohio, State Superintendent's Task Force for Preparing Special Education Personnel, Education Administration (T. M. Stephens), 1 July 1990 through 30 June 1991. (Project 766265 - Continuation)

\$49,751.00 - State of Ohio, Department of Education, Worthington, Ohio, Ohio's Martin W. Essex School for the Gifted -- 1990, Education Administration (T. M. Stephens) and Department of Educational Services and Research (R. H. Swassing), 1 April 1990 through 31 March 1991. (Project 767443 - Continuation)

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**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

State of Ohio Research Contracts/Grants (contd)

\$30,710.00 - State of Ohio, Department of Mental Health, Columbus, Ohio, Impact of Medication Versus Psychotherapy on Adolescents Who Are Severely Emotionally Disturbed and Incarcerated, Department of Psychology (J. C. Gibbs), 1 April 1990 through 31 December 1990. (Project 768232 - New)

\$7,525.00 - State of Ohio, Ohio Arts Council/Ohio Humanities Council Joint Program in the Arts and Humanities, Columbus, Ohio, The Piano Tradition of Ragtime, Stride, and Early Jazz, School of Music (W. T. McDaniel), 1 January 1990 through 30 October 1990. (Project 768281 - New)

\$990.00 - State of Ohio, Ohio Arts Council, Columbus, Ohio, Urban Amenities: Quality of Life -- Technical Assistance, Continuing Education Administration (J. L. Kramer), 17 April 1990 through 17 April 1990. (Project 768249 - New)

TOTAL - STATE OF OHIO AWARDS \$ 190,281.23

Industrial Research Contracts/Grants

\$300,000.00 - Mission Research Corporation, Santa Barbara, California, Advanced Radar Cross Section Measurement Range, ElectroScience Laboratory, Department of Electrical Engineering (W. D. Burnside), 1 January 1990 through 1 September 1990. (Project 766973 - Continuation)

\$90,179.00 - Martin Marietta Corporation, Oak Ridge, Tennessee, Pack Cementation Coating of Iron-Base Alloys, Department of Materials Science and Engineering (R. A. Rapp), 1 February 1990 through 30 November 1990. (Project 766509 - Continuation)

\$55,365.00 - ICI Pharmaceuticals Group, Wilmington, Delaware, Influence of Renin System Activity on Left Ventricular Mass in the Hypertensive Rat, Department of Internal Medicine (R. J. Cody), 1 February 1990 through 31 October 1990. (Project 768284 - New)

\$35,000.00 - Pioneer Hi-Bred International, Inc., Johnston, Iowa, Antisera to Maize Viruses and Corn Stunt Spiroplasma, Department of Plant Pathology - OARDC (D. T. Gordon), 1 June 1990 through 30 June 1991. (Project 768270 - New)

\$32,774.00 - United Technologies Sikorsky Aircraft, Stratford, Connecticut, Research Studies in Transmission Error Prediction and Dynamic Analysis of Gear Components, Department of Mechanical Engineering (D. R. Houser), 1 May 1989 through 31 July 1991. (Project 768252 - New)

\$30,616.93 - Mission Research Corporation, Santa Barbara, California, Compact Range System Development, ElectroScience Laboratory, Department of Electrical Engineering (W. D. Burnside), 1 May 1990 through 30 September 1990. (Project 767463 - Continuation)

\$22,996.00 - E. R. Squibb and Sons, Princeton, New Jersey, Evaluation of the Safety and Efficacy of Zofenopril Calcium Therapy in Patients with Chronic Heart Failure, Department of Internal Medicine (C. V. Leier and R. J. Cody), 1 October 1989 through 30 June 1991. (Project 767122 - Continuation)

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**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Industrial Research Contracts/Grants (contd)**

\$15,000.00 - Monsanto Company, St. Louis, Missouri, Development of Embryogenic Callus and Suspension Cultures of Commercial Soybean Cultivars, Department of Agronomy - OARDC (J. J. Finer), 1 May 1990 through 30 April 1991. (Project 768244 - New)

\$15,000.00 and Personnel Services - Santa Fe Pacific Mining, Inc., Albuquerque, New Mexico, Center for Commercialization of Space Membership Agreement, Center for Mapping (J. D. Bossler), 1 May 1990 through 30 April 1991. (Project 766219 - Continuation) (Approximate Dollar Value - \$10,000)

\$14,700.00 - Starkist Seafood Company, Long Beach, California, Characterization of Flavor Profiles of Acceptable and Less Acceptable Canned Tuna During Storage by Isolation, Separation, and Identification, Department of Food Science and Technology (D. B. Min), 1 May 1990 through 31 October 1990. (Project 768267 - New)

\$13,014.00 - Adria Laboratories, Columbus, Ohio, Rifabutin Therapy for the Prevention of Mycobacterium-Avium Complex (MAC) Bacteremia in AIDS Patients with CD4 Counts Less than 200: A Double-Blind, Placebo-Controlled Trial, Department of Internal Medicine (M. F. Para), 20 April 1990 through 19 March 1992. (Project 768218 - New)

\$3,000.00 - Stuart Pharmaceuticals, Wilmington, Delaware, A Multicenter Comparison of Zoladex Depot and Surgical Castration in Metastatic Prostate Carcinoma, Department of Surgery (J. R. Drago), 1 September 1985 through 30 June 1990. (Project 765067 - Continuation)

\$2,300.00 - Edmund Niles Huyck Preserve, Inc., Rensselaerville, New York, A Comparison of Forest Floor Microarthropods and Selected Soil Properties in Four Forest Types at the Edmund Niles Huyck Preserve, Department of Entomology - OARDC and Department of Entomology (J. M. Blair), 1 May 1990 through 31 March 1991. (Project 767421 - Continuation)

Equipment and/or Software - Digital Equipment Corporation, Maynard, Massachusetts, Speech Timing Models in Speech Synthesis by Rule, Department of Linguistics (M. E. Beckman), 12 March 1990 through 11 September 1990. (Project 768273 - New) (Approximate Dollar Value - \$49,159)

Software - GeoVision Systems, Inc., Englewood, Colorado, Center for Commercialization of Space Membership Agreement, Center for Mapping (J. D. Bossler), 1 September 1989 through 31 August 1991. (Project 766219 - Continuation) (Approximate Dollar Value - \$72,000)

Personnel Services - The Map Store, Powell, Ohio, Center for Commercialization of Space Membership Agreement, Center for Mapping (J. D. Bossler), 1 April 1990 through 31 March 1991. (Project 766219 - Continuation) (Approximate Dollar Value - \$2,500)

TOTAL - INDUSTRIAL AWARDS \$ 629,944.93

**Other Non-Federal Research Contracts/Grants**

\$1,595,412.00 - Midwest Universities Consortium for International Activities, Inc., Columbus, Ohio, University Agribusiness Partnership Project - Dominican Republic, Office of International Programs in Agriculture (T. G. Arscott and D. O. Hansen), 1 March 1990 through 28 February 1991. (Project 768251 - New)

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**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Other Non-Federal Research Contracts/Grants (contd)**

\$125,000.00 - The J. Paul Getty Trust, Los Angeles, California, The Ohio Partnership for Visual Arts: Regional Institute for Educators, Department of Art Education (N. MacGregor), 1 July 1990 through 31 March 1991. (Project 766784 - Continuation)

\$111,351.00 - Muscular Dystrophy Association, New York, New York, Clinical Investigation of Duchenne Dystrophy, Department of Neurology (J. R. Mendell), 1 March 1990 through 28 February 1991. (Project 768130 - Continuation)

\$79,075.00 - The West Virginia Joint Commission for Vocational-Technical-Occupational Education, Charleston, West Virginia, Identification and Communication of Learning Outcomes, Center on Education and Training for Employment (R. D. Ryan), 15 May 1990 through 31 August 1990. (Project 768287 - New)

\$78,019.00 - The University of Rochester, Rochester, New York, Parkinson's Study Group, Department of Neurology (G. W. Paulson), 1 April 1990 through 31 March 1991. (Project 766244 - Continuation)

\$62,994.00 - Duke University, Durham, North Carolina, Characterization and Therapy of New Fat-Oxidation Defects, Department of Physiological Chemistry (H. W. Sprecher), 1 April 1990 through 31 March 1991. (Project 767453 - Continuation)

\$55,027.00 - University of North Carolina, Chapel Hill, North Carolina, Clinical Neuropsychiatry and Psycho-Pharmacology, Nisonger Center (S. R. Schroeder and J. Rojahn) and Department of Pediatrics (P. Walson and J. Mulick), 1 December 1989 through 30 November 1990. (Project 768150 - New)

\$50,000.00 - John D. and Catherine T. MacArthur Foundation, Chicago, Illinois, American Defense Annual, Mershon Center for Education (J. Kruzel), 1 July 1990 through 30 June 1991. (Project 768288 - Continuation)

\$48,300.00 - Council for Tobacco Research - U.S.A., Inc., New York, New York, Biological Synergism Between Glucarate and Retinoids, Department of Physiological Chemistry (T. E. Webb), 1 July 1990 through 30 June 1991. (Project 766741 - Continuation)

\$45,297.00 - International Life Sciences Institute, Washington, D.C., Characterizations and Adjustments for the Effects of Dependencies in Risk Assessment, Department of Preventive Medicine (M. L. Moeschberger) and Department of Statistics (J. P. Klein), 1 June 1989 through 31 May 1991. (Project 767607 - Continuation)

\$39,566.00 - Southeastern Poultry and Egg Association, Decatur, Georgia, Molecular Epidemiology of Avian Salmonella enteritidis Infection, Department of Veterinary Preventive Medicine (C. R. Dorn), 1 May 1990 through 30 April 1992. (Project 768237 - New)

\$38,500.00 - American Heart Association, Dallas, Texas, Adrenergic and Glycolytic Control of Adenylate Deaminase, Department of Physiological Chemistry (C. Hohl), 1 July 1990 through 30 June 1991. (Project 768236 - New)

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**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Other Non-Federal Research Contracts/Grants (contd)**

**\$32,678.00** - The University of Rochester, Rochester, New York, Natural History of Fascioscapulothoracic Muscular Dystrophy, Department of Neurology (J. R. Mendell), 1 July 1989 through 30 June 1990. (Project 768217 - New)

**\$31,000.00** - California Institute of Technology, Pasadena, California, Altimetry Research in Ocean Circulation, Department of Geodetic Science and Surveying (R. H. Rapp), 1 June 1989 through 30 September 1995. (Project 766536 - Continuation)

**\$26,138.00** - American Fund for Dental Health, Chicago, Illinois, First International Conference on Smokeless Tobacco, Oral Biology (K. L. Schroeder), 1 July 1990 through 30 June 1991. (Project 768278 - New)

**\$25,000.00** - American Cancer Society, New York, New York, Clinical Oncology Career Development Award, Department of Internal Medicine (P. L. Triozzi), 1 July 1990 through 30 June 1991. (Project 768210 - New)

**\$23,500.00** - University of Nebraska, Lincoln, Nebraska, National investigation of Soybean Stress from Defoliating Pests: North Central Region, Department of Entomology - OARDC (R. B. Hammond), 1 June 1990 through 31 May 1992. (Project 768265 - New)

**\$22,499.00** - North Central Technical College, Mansfield, Ohio, Developing Self-Directed Work Teams: Responding to Changes in the Manufacturing Workplace, Department of Educational Studies: Humanities, Science, Technological, and Vocational (R. L. Jacobs), 1 February 1990 through 30 June 1991. (Project 768269 - New)

**\$19,500.00** - American College of Clinical Pharmacy Research Institute, Kansas City, Missouri, Cardiovascular Therapeutics, College of Pharmacy (J. D. Coyle and C. A. Carnes), 1 July 1990 through 30 June 1991. (Project 768235 - New)

**\$17,550.00** - William Marsh Rice University, Houston, Texas, Sinking and Suspended Particulate Matter on the Antarctic Continental Margin, Byrd Polar Research Center (K. C. Jezek and A. L. Reed), 1 January 1990 through 31 December 1990. (Project 768243 - New)

**\$17,250.00** - Carnegie Corporation of New York, New York, New York, Bellagio Conference on Use of Drugs and Vaccines in Developing Countries, Department of Internal Medicine (C. M. Kunin), 1 March 1990 through 28 February 1991. (Project 768239 - New)

**\$17,000.00** - Committee on Institutional Cooperation, Champaign, Illinois, The Ohio State University FAX over INTERNET Project, Instruction and Research Computer Center (R. S. Dixon), 1 March 1990 through 28 February 1991. (Project 768254 - New)

**\$13,775.00** - Martha Holden Jennings Foundation, Cleveland, Ohio, The Science Teaching Partnership Project, Department of Chemistry (M. H. Klapper), 1 July 1990 through 30 June 1991. (Project 768275 - New)

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**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Other Non-Federal Research Contracts/Grants (contd)**

\$13,252.00 - Cancer Therapy and Research Foundation of South Texas, San Antonio, Texas, Central Office for the Developmental Biologics Activities of the Southwest Oncology Group, Department of Internal Medicine (J. J. Rinehart), 1 January 1990 through 30 December 1990. (Project 768263 - Continuation)

\$13,252.00 - Dublin City Schools, Dublin, Ohio, Adapted Physical Education Internship, School of Health, Physical Education, and Recreation (P. Jansma), 1 September 1990 through 30 June 1991. (Project 767746 - Continuation)

\$10,630.00 - Miami University, Oxford, Ohio, Insect Cold-Hardiness and Diapause: Regulatory Relationships, Department of Entomology (D. L. Denlinger), 1 February 1990 through 31 January 1991. (Project 767299 - Continuation)

\$8,692.00 - Franklin County Mental Retardation and Developmental Disabilities Board, Columbus, Ohio, Early Childhood Classes, Nisonger Center (S. R. Schroeder and V. L. Reynolds), 1 October 1989 through 30 September 1990. (Project 767544 - Continuation)

\$7,594.51 - Children's Hospital Research Foundation, Columbus, Ohio, Evaluation of Flunarizine as a Treatment for Patients with Partial Seizures, Department of Neurology (M. E. Drake, Jr.), 7 April 1990 through 30 September 1990. (Project 766579 - Continuation)

\$7,500.00 - Anthony Wayne Area Council, Inc., Fort Wayne, Indiana, Establishing a Shade Tree Container Production System: A Feasibility Study, Department of Horticulture - OARDC and Department of Horticulture (W. T. Rhodus) and Department of Horticulture (D. K. Struve), 1 April 1990 through 1 October 1990. (Project 768271 - New)

\$7,329.84 - North Atlantic Treaty Organization, Brussels, Belgium, Collaborative Research Between the U.S.A., West Germany, and France, Department of Physics (K. N. Rao), 1 February 1990 through 31 January 1992. (Project 768242 - New)

\$6,072.00 - Cancer Therapy and Research Foundation of South Texas, San Antonio, Texas, Multidisciplinary Participation in the Cancer Control Activities of the Southwest Oncology Group, Department of Pathology (R. O'Toole), 1 January 1990 through 31 December 1990. (Project 768261 - Continuation)

\$5,000.00 - The Garden Club of America, New York, New York, A Revision of the Genus Clibadium, Department of Botany (T. F. Stuessy), 1 May 1990 through 30 April 1991. (Project 768276 - New)

\$4,800.00 - Ohio Pork Producers Council, Westerville, Ohio, Water Quality Effects on Nursery Pig Performance, Food Animal Health Research Program - OARDC and Department of Veterinary Preventive Medicine (E. M. Kohler), 1 March 1990 through 1 April 1991. (Project 768260 - New)

\$3,329.00 - Cancer Therapy and Research Foundation of South Texas, San Antonio, Texas, SWOG Study #8960, Department of Otolaryngology (D. E. Schuller), 1 January 1990 through 31 December 1990. (Project 766915 - Continuation)

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**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Other Non-Federal Research Contracts/Grants (contd)**

\$3,076.00 - U.S.-Spain Joint Committee for Cultural and Educational Cooperation, Madrid, Spain, Spain and the Comparative National Election Project, Department of Political Science (R. P. Gunther and B. M. Richardson), 1 June 1990 through 31 May 1991. (Project 768255 - New)

\$2,937.00 - Cancer Therapy and Research Foundation of South Texas, San Antonio, Texas, Multidisciplinary Participation in the Cancer Control Activities of the Southwest Oncology Group, Department of Internal Medicine (S. P. Balcerzak), 1 January 1990 through 31 December 1990. (Project 768262 - Continuation)

\$2,500.00 - Ohio Pork Producers Council, Westerville, Ohio, Predicting Sow Performance Levels from Plasma IGF-1 Concentration, Department of Animal Science - OARDC and Department of Animal Science (G. A. Isler and M. E. White), 1 March 1990 through 1 April 1991. (Project 768259 - New)

\$1,800.00 - Nature Conservancy, Columbus, Ohio, Development of a Plan to Preserve the Big Darby Creek Watershed, Department of City and Regional Planning (S. I. Gordon) and Department of Landscape Architecture (J. W. Simpson), 1 April 1990 through 30 June 1990. (Project 767289 - Continuation)

\$500.00 - Arizona Conservation Projects, Inc., Tucson, Arizona, Survey of the invertebrate Cave Fauna of Karchner Caverns, Arizona, Department of Entomology (D. E. Johnston and W. C. Welbourn), 1 May 1990 through 30 June 1990. (Project 767465 - Continuation)

TOTAL - OTHER NON-FEDERAL AWARDS \$ 2,672,695.35

**ENGINEERING EXPERIMENT STATION**

**State Sponsored Research and Development**

\$522.00 - from the Ohio Department of Transportation, Columbus, Ohio, for "Orientation Course for ODOT Summer Employment, 1990," under the direction of the department of Civil Engineering for the period March 26, 1990 through June 30, 1990. (529844, Ext. 1)

**Industry and Other Sponsored Research and Development**

\$121,000.00 - from EPRI, Palo Alto, California, for "Modeling of Electromagnetic Fields in Substations," under the direction of the department of Electrical Engineering for the period August 1, 1988 through December 31, 1990. (529770, Ext. 2)

\$75,000.00 - from various industry for memberships in the Engineering Research Center for Net Shape Manufacturing under the direction of the Engineering Experiment Station. (529200)

\$75,000.00 - from GE Reco Trailer MD, Cincinnati, Ohio, for "One-Twelfth Scale Ejector-Powered Simulator for the GE90 Engine," under the direction of the department of Aeronautical and Astronautical Engineering for the period November 15, 1989 through December 30, 1990. (312524, Ext. 2)

July 6, 1990 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**ENGINEERING EXPERIMENT STATION (contd)**

**Industry and Other Sponsored Research and Development (contd)**

\$50,759.00 - from McDonnell Douglas Corp., St. Louis, Missouri, for "Analysis of Electromagnetic Scattering from Electrically Large Ducts/Cavities," under the direction of the department of Electrical Engineering for the period October 27, 1987 through February 28, 1991. (312436, Ext. 4)

\$42,891.00 - from Global Thermionics, Xenia, Ohio, for "Refinement of the Design of the VAXI-COOL," under the direction of the Engineering Experiment Station, for the period February 1, 1990 through January 31, 1991. (529848)

\$39,976.00 - from McDonnell Douglas Corp., St. Louis, Missouri, for "Uniform Theory of Diffraction Analysis of Electromagnetic Scattering from Corners and Vertices," under the direction of the department of Electrical Engineering for the period April 1, 1990 through December 31, 1990. (312539)

\$30,000.00 - from various industry for associate membership in the Engineering Research Center for Net Shape Manufacturing under the direction of the Engineering Experiment Station. (529200)

\$24,000.00 - from NCR Corporation, Cambridge, Ohio, for "Flow Analysis and Design of a Plastic Part," under the direction of the department of Mechanical Engineering for the period August 1, 1989 through February 28, 1991. (529820, Ext. 1)

\$20,065.00 - from Dove Electronics, Inc., Rome, New York, for "Optical System Development," under the direction of the department of Electrical Engineering for the period May 1, 1990 through November 1, 1990. (312538)

\$9,300.00 - from 12 sponsors of 17 development projects in one research area of the College of Engineering.

\$4,000.00 - from various industry for affiliate memberships in the Engineering Research Center for Net Shape Manufacturing under the direction of the Engineering Experiment Station. (529200)

**TOTAL - INDUSTRY AND OTHER SPONSORED RESEARCH** **\$ 492,513.00**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND**

**Establishment of Named Funds**

**The Helen L. Kurtz Chair in Chemical Engineering Fund**

The Helen L. Kurtz Chair in Chemical Engineering Fund was established July 6, 1990, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University from Helen L. Kurtz of Choshocton, Ohio and Tampa, Florida.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

July 6, 1990 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Establishment of Named Funds (contd)**

**The Helen L. Kurtz Chair in Chemical Engineering Fund (contd)**

The annual income and additional gifts shall be added to the fund's principal until the minimum amount for funding an endowed chair (\$1,250,000) has been reached. At that time, the annual income shall be used to attract and retain an internationally recognized scholar in the field of chemical engineering. This support shall provide supplemental salary, plus expenses for research, for professional travel and for graduate and undergraduate student assistants. Appointment to the chair shall be recommended by the Dean of the College of Engineering to the Provost and approved by The Ohio State University Board of Trustees.

The scholar who accepts this coveted position will do so knowing the following expectations:

- \*Responsibility for teaching at least one doctoral level course per year;
- \*Advisory service for doctoral dissertations, masters theses and other research projects by superior students;
- \*Participation in colloquia and workshops with appropriate faculty;
- \*Provide intellectual leadership through publishing in scholarly journals, participating in professional meetings, presenting public lectures, and giving testimony before public bodies;
- \*Exemption from any substantial commitment to faculty, college or university service, committee or administrative work.

Moreover, the Helen L. Kurtz Chair holder will understand and appreciate the special relationship this position has to the Ralph W. Kurtz Chair in Mechanical Engineering. Both distinguished faculty members will be dedicated to advancing their respective areas of engineering. Both will do so though with close interaction between the two programs. The resulting synergy will benefit each effort and symbolize the mutually beneficial marriage of Ralph and Helen Kurtz.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer, in order to carry out the desire of the donor.

\* Note - the donor has requested no publicity in regard to the establishment of this fund.

**The Ralph W. Kurtz Chair in Mechanical Engineering Fund**

The Ralph W. Kurtz Chair in Mechanical Engineering Fund was established July 6, 1990, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from Ralph W. Kurtz (B.M.E. '23) of Coshocton, Ohio and Tampa, Florida.

July 6, 1990 meeting, Board of Trustees

## **REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

### **THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

#### **Establishment of Named Funds (contd)**

##### **The Ralph W. Kurtz Chair in Mechanical Engineering Fund (contd)**

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees, with the right to invest and reinvest as occasion dictates.

The annual income and additional gifts shall be added to the fund's principal until the minimum amount for funding an endowed chair (\$1,250,000) has been reached. At that time, the annual income shall be used to attract and retain an internationally recognized scholar in the field of mechanical engineering. This support will provide supplemental salary, plus expenses for research, for professional travel and for graduate and undergraduate student assistants. Appointment to the chair will be recommended by the Dean of the College of Engineering to the Provost and approved by The Ohio State University Board of Trustees.

The scholar who accepts this coveted position will do so knowing the following expectations:

\*Responsibility for teaching at least one doctoral level course per year;

\*Advisory service for doctoral dissertations, masters theses and other research projects by superior students;

\*Participation in colloquia and workshops with appropriate faculty;

\*Provide intellectual leadership through publishing in scholarly journals, participating in professional meetings, presenting public lectures and giving testimony before public bodies;

\*Exemption from any substantial commitment to faculty, college or university service, committee or administrative work.

Moreover, the Ralph W. Kurtz Chair holder will understand and appreciate the special relationship this position has to the Helen L. Kurtz Chair in Chemical Engineering. Both distinguished faculty members will be dedicated to advancing their respective areas of engineering. Both will do so, though with close interaction between the two programs. The resulting synergy will benefit each effort and symbolize the mutually beneficial marriage of Ralph and Helen Kurtz.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer, in order to carry out the desire of the donor.

\* Note - the donor has requested no publicity in regard to the establishment of this fund.

July 6, 1990 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Establishment of Named Funds (contd)**

**The Columbus Chapter of Links, Inc. Scholarship Fund**

The Columbus Chapter of Links, Inc. Scholarship Fund was established July 6, 1990, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from The Columbus Chapter of Links, Inc.

All gifts are to be invested in the University's permanent endowment fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide one or more scholarships for Black students graduating from Columbus Public Schools. Students will be selected upon the recommendation of the Vice Provost for Minority Affairs, in consultation with the Columbus Chapter of Links, Inc., and the University Committee on Student Financial Aid. Ideally, a student would be supported from their freshman year in college and would be funded to the completion of their baccalaureate degree. Students will be selected in their senior year in high school and will be continued for not more than a 5-year period -- provided that satisfactory academic performance is maintained. Scholarships will be awarded to students who have earned a GPA of 3.0 or better in the College Preparatory Curriculum. Scholarships will also be awarded on the basis of need. After a student earns the baccalaureate degree, a new Links Scholar shall be selected. The Office of Minority Affairs will provide periodic reports to the Columbus Chapter of Links, Inc., concerning the Endowment Account and the scholar(s) selected.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

**The Herbert F. Baas Memorial Award in Agricultural Engineering**

The Herbert F. Baas Memorial Award in Agricultural Engineering was established July 6, 1990, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from Inland Products, Inc., of Columbus, Ohio, and Mr. and Mrs. Gary H. Baas and family.

All gifts are to be invested in the University's permanent endowment fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

July 6, 1990 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Establishment of Named Funds (contd)**

**The Herbert F. Baas Memorial Award in Agricultural Engineering (contd)**

The annual income shall be used to provide one or more awards for research and the study of contemporary problems and developments as they relate to the rendering and animal by-products industries. The income may be used to support one or more students who have interest in addressing the problems and opportunities in the above related area; or it may be used to provide other types of support. The determination of the type of support will be made by the Department of Agricultural Engineering, after consulting with the representative(s) of the donors. The administration of the award shall follow the Department of Agricultural Engineering pattern of administration document.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donors.

**The Aldrich Syverson Scholarship Fund**

The Aldrich Syverson Scholarship Fund was established July 6, 1990, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from family and friends in memory of Dr. Aldrich Syverson, Professor Emeritus of Chemical Engineering.

All gifts are to be invested in the University's permanent endowment fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide one or more scholarships to undergraduate chemical engineering students. Students receiving scholarships shall be selected on the basis of academic, professional and personal achievement. Recipients shall be selected by the Chairperson of the Department of Chemical Engineering or by a committee of Department of Chemical Engineering faculty to which this responsibility has been delegated, in consultation with the University Committee on Student Financial Aid.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donors.

July 6, 1990 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Establishment of Named Funds (contd)**

**The Eli And Sharon Barnes Endowment Fund**

The Eli and Sharon Barnes Endowment Fund was established July 6, 1990, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from Zelma E. and Sharon Ann Barnes of Worthington, Ohio.

All gifts are to be invested in the University's permanent endowment fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used as a discretionary fund for the Department of Black Studies.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donors.

**The Eli E. Rose Endowment Fund**

The Eli E. Rose Endowment Fund was established July 6, 1990, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from Eli E. Rose (B.S.Bus.Admn. '26 ) of Cleveland, Ohio.

All gifts are to be invested in the University's permanent endowment fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be added to the fund's principal until the demise of Eli Rose. At that time the fund shall be supplemented by a distribution from the Eli E. Rose Trust Fund. Following this additional gift, the annual income shall be used to provide funds for the Dean of the College of Business to be used at his/her discretion for areas of greatest need within the College.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

**The Lois and Ethel Leuchtag Nursing Scholarship Fund**

The Lois and Ethel Leuchtag Nursing Scholarship Fund was established July 6, 1990, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from Harry H. Leuchtag (B.A '28, M.D. '32) of Akron, Ohio in honor of his wife, Lois and mother, Ethel.

July 6, 1990 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Establishment of Named Funds (contd)**

**The Lois and Ethel Leuchtag Nursing Scholarship Fund (contd)**

All gifts are to be invested in the University's permanent endowment fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to encourage individuals to pursue a career in nursing. The fund may be used at the discretion of the Dean of the College of Nursing to recruit qualified students to the applicant pool or to provide scholarships for needy individuals currently enrolled in the College of Nursing. Scholarship recipients shall be chosen in consultation with the University Committee on Student Financial Aid.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

**The Proviso Big-H OARDC Faculty Research Awards Fund**

The Proviso Big-H OARDC Faculty Research Awards Fund was established July 6, 1990, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from Proviso, Inc., a large Ohio feed manufacturer serving seven states from their eleven branches and the headquarters office in Botkins, Ohio, and Bill Gauntt, longtime employee of Proviso.

All gifts are to be invested in the University's permanent endowment fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to recognize Ohio Agricultural Research and Development Center scientists who have made an outstanding contribution in the advancement of agriculture or an agricultural-related science and technology. The guiding philosophy in evaluation of nominees will be their nationally and internationally recognized contributions while an OARDC faculty member in basic applied and developmental research activities, and/or conceptual contributions to their respective disciplines. Nominees will be evaluated by an OARDC Awards Committee which shall include one employee from Proviso, Inc., and six faculty members appointed by the Director of OARDC.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donors.

July 6, 1990 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Change in Name and Description of Named Fund**

**The William Lloyd and Cora Roberts Evans Fellowship**

The William Lloyd Evans Fellowship Fund was established January 3, 1944, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from family and friends in memory of William Lloyd Evans (B.S. 1892, M.S. 1896, and Honorary Doctor of Letters 1948), Professor of Chemistry and Chairperson of the Department of Chemistry 1928-1941. The name was changed July 6, 1990, in memory of Cora Roberts Evans (B.A. '06 Arts & Sciences), wife of William Lloyd Evans.

All gifts are to be invested in the University's permanent endowment fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to support a graduate fellowship in organic chemistry. Selection of the recipient shall be made by a Chemistry Department Committee, the Chairperson of the Chemistry Department and the Dean of the College of Mathematical and Physical Sciences.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson or program administrative officer in order to carry out the desire of the donors.

**Change in Description of Named Funds**

**The Hazael Edward Weldon Endowment Fund**

The Hazael Edward Weldon Endowment Fund was established May 4, 1969, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from Hazael Edward Weldon (B.S. Optometry '38) of Cleveland, Ohio. The description was revised July 6, 1990.

All gifts are to be invested in the University's permanent endowment fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide scholarship awards to Black and Hispanic students enrolled in the College of Optometry, with first preference to Ohio residents. Scholarship awards shall be based on academic merit and/or financial need at the discretion of the Dean of the College of Optometry, in consultation with the University Committee on Student Financial Aid.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

July 6, 1990 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Change in Description of Named Funds (contd)**

**Richland County Ohio State University Alumni Club  
The Ohio State University at Mansfield  
Scholarship Endowment Fund**

The Richland County Ohio State University Alumni Club The Ohio State University at Mansfield Scholarship Endowment Fund was established June 5, 1987, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the Richland County Ohio State University Alumni Club. The description was revised July 6, 1990.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be added to the fund's principal until such time as the principal reaches \$140,000. Thereafter, a minimum of 95% of the annual income shall be distributed to scholarship recipients qualified under the criteria established, with no scholarship recipient receiving less than 50% of the amount of the tuition, at the time of the award, for a full academic year.

The purpose of the Richland County Alumni Club Scholarship is to recognize academic ability and outstanding leadership in a student(s) who will begin his/her college experience at The Ohio State University at Mansfield. The guidelines to be used in determining the recipient of the award are as follows:

1. This award is to recognize ability, achievement, and leadership qualities without regard for financial need.
2. Selection preference will be given to a current year high school senior, residing in Richland county, who will attend Autumn Quarter at The Ohio State University at Mansfield.
3. The recipient will rank in the upper 25% of the graduating class (preferably the upper 10%); have above average ACT or SAT scores; and have demonstrated significant leadership qualities through school activities and/or community involvement.
4. The amount of this award shall equal one-half the amount of a full year -- three quarters - full tuition budget. The award amount may be increased up to full tuition, as the growth of the endowment fund permits.
5. This three quarter scholarship will become renewable at that point when the growth of the fund can sustain renewable scholarship. The criteria for renewal shall be that the recipient:
  - a. Maintains his/her enrollment at Ohio State Mansfield and
  - b. Has a cumulative grade point average of 2.5 or better and has maintained satisfactory progress toward a degree

July 6, 1990 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Change in Description of Named Funds (contd)**

**Richland County Ohio State University Alumni Club  
The Ohio State University at Mansfield  
Scholarship Endowment Fund (contd)**

6. If the student leaves Ohio State Mansfield within an academic year, the unused portion of the award will revert to the Richland County Alumni Scholarship Fund.
7. The appropriate authorities at The Ohio State University at Mansfield, in consultation with the University Committee on Student Financial Aid and the Richland County Alumni Club, will select the recipient for this award from a candidate pool identified by the Richland County Ohio State University Alumni Club.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in order to carry out the desire of the donors.

**THE OHIO STATE UNIVERSITY FOUNDATION**

**Approval of Description and Establishment of Fund**

**The Luther M. Keith Professorship in Surgery**

The Luther M. Keith Professorship in Surgery was established July 6, 1990, by the Board of Trustees of The Ohio State University through funds received by the University from The Ohio State University Foundation which has established an endowed fund from the family of Dr. Luther M. Keith, including Helen Q. Keith, Laurie Keith Walker and Leighton M. Keith.

Income provided by the Foundation shall be used to provide support for the work of a distinguished scholar in the Department of Surgery of the College of Medicine of The Ohio State University. Appointment to the Keith Professorship is to be recommended to the Provost by the Dean of the College of Medicine after consultation with the Chairperson of the Department of Surgery.

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**Employment of Architects/Engineers and  
Request for Construction Bids**

Background

Mansfield Campus - HVAC and Electrical Rehabilitation

This project will improve heating, ventilating and air conditioning in Ovalwood, Bromfield, Fallenius, and Eisenhower Halls through the replacement of the HVAC motors with variable drive motors, modification to the duct systems, installation of Direct Digital Controls, improvements to water pipe insulation, and replacement of light fixtures in Ovalwood Hall.

July 6, 1990 meeting, Board of Trustees

**Employment of Architects/Engineers and  
Request for Construction Bids (contd)**

Background (contd)

Mansfield Campus - HVAC and Electrical Rehabilitation (contd)

The existing HVAC system in Ovalwood and Bromfield Halls is 25 years old, suffers frequent breakdowns, and is inefficient in distributing air in the classrooms and offices. In Fallerius, three independent systems function with inadequate coordination, resulting in hot and cold spots and much wasted energy. In Eisenhower Hall, the boiler steam recovery components are worn and leaking.

Funds for this project are available from an Ohio Department of Development grant and from House Bill 808. Construction costs for the project are estimated at \$300,000.00, and the total estimated project cost is \$366,727.00.

(See Appendix IV for map, page 147.)

**EMPLOYMENT OF ARCHITECTS/ENGINEERS AND  
REQUEST FOR CONSTRUCTION BIDS**

Resolution No. 91-8

**MANSFIELD CAMPUS - HVAC AND ELECTRICAL REHABILITATION**

Synopsis: The Fiscal Affairs Committee recommended authorization to employ architects/engineers and request construction bids for the Mansfield Campus - HVAC and Electrical Rehabilitation project.

WHEREAS this project will improve heating, ventilating and air conditioning in Ovalwood, Bromfield, Fallerius, and Eisenhower Halls through the replacement of the HVAC motors with variable drive motors, modification to the duct systems, installation of Direct Digital Controls, improvements to water pipe insulation, and replacement of light fixtures in Ovalwood Hall; and

WHEREAS the total estimated cost of this project is \$366,727.00, with the estimated construction cost being \$300,000.00, and with funding provided from an Ohio Department of Development grant (\$162,727.00) and House Bill 808 (\$204,000.00):

NOW THEREFORE

BE IT RESOLVED, That the President and/or Acting Vice President for Business and Administration be authorized to select qualified architectural/engineering firms as necessary for this project and that the fees for these services be negotiated between the firm selected and the University; and

BE IT FURTHER RESOLVED, That the President and/or Acting Vice President for Business and Administration be authorized to request construction bids on this project in accordance with established University procedures, and if satisfactory bids are received, to recommend the award of contracts to the Department of Administrative Services, Division of Public Works, with all actions to be reported to this Board at the appropriate time.

Upon motion of Amb. Wolf, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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July 6, 1990 meeting, Board of Trustees

**Report of Award of Contracts and  
Establishment of Contingency Funds**

Background

(See Appendix V for a complete tabulation of bids on all projects and locator maps, page 149.)

**KOTTMAN HALL - BIOTECHNOLOGY CENTER IMPROVEMENTS AND  
UNIVERSITY HOSPITALS EMERGENCY DEPARTMENT MASTER PLAN -  
PHASE I, HOLDING AREA AND HYPERBARIC OXYGEN THERAPY**

Kottman Hall - Biotechnology Center Improvements

This project will provide research and support facilities for work with plants and plant tissues for those faculty located in Kottman Hall. Included in the project is construction of a greenhouse facility with up to six separate compartments at the south end of the existing Kottman Hall Greenhouse; remodeling of Kottman Hall room 349 to house a tissue culture laboratory; and installation of five new growth chambers in Kottman Hall room 150.

The research work involves use of a variety of plants and will focus on controlling environmental variables of light, heat, moisture, air movements, dust, bedding materials, and treatments to study the effects on plant tissue and structure over time.

The total project cost is \$480,000.00; funding is provided from a National Science Foundation Grant. The estimated completion date is January 1991. The contracts awarded are as follows:

General Contract: Functional Development, Dublin, Ohio

Amount: \$169,650.00

Estimate: \$176,416.00

Plumbing Contract: C. R. Legner, Columbus, Ohio

Amount: \$ 22,387.00

Estimate: \$ 38,000.00

HVAC Contract: Swain Mechanical, Hilliard, Ohio

Amount: \$ 37,780.00

Estimate: \$ 38,800.00

Electric Contract: Claggett Electric, Columbus, Ohio

Amount: \$ 53,310.00 +

Estimate: \$ 37,550.00

+The Electric contract is in excess of the filed estimate of cost; however, the total price of all contracts is within 10% of the total estimate of cost and is recommended for award as provided by Section 153.12 of the Revised Code.

July 6, 1990 meeting, Board of Trustees

**Report of Award of Contracts and  
Establishment of Contingency Funds (contd)**

Background (contd)

Kottman Hall - Biotechnology Center Improvements (contd)

Total All Contracts:	\$283,127.00
Contingency Allowance:	\$ 27,099.33 (9.5% of construction cost)
Total Project Cost:	\$480,000.00

University Hospitals Emergency Department Master Plan - Phase I, Holding Area and Hyperbaric Oxygen Therapy

This project is for redesign of the University Hospitals Emergency Department to create new patient handling systems which will separate the emergency or trauma patients from the non-emergency or urgent care patients. Phase I is a part of the non-emergency area and will include renovation of 2,408 gross square feet for CAT scan, a Hyperbaric Oxygen Treatment area and a patient waiting area, and support spaces.

The total project cost for Phase I is \$289,760.00; funding is provided from University Hospitals. The estimated completion date is April 1991. The contracts awarded are as follows:

General Contract:	Ed Ross, Westerville, Ohio
Amount:	\$ 52,290.00
Estimate:	\$ 69,000.00
Mechanical Contract:	Farber Corp., Columbus, Ohio
Amount:	\$116,200.00
Estimate:	\$137,000.00
Electric Contract:	Advantage Electric, Columbus, Ohio
Amount:	\$ 50,976.00
Estimate:	\$ 37,500.00
Total All Contracts:	\$219,466.00
Contingency Allowance:	\$ 36,745.70 (16% of construction cost)
Total Project Cost:	\$289,760.00

July 6, 1990 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS**

Resolution No. 91-9

**KOTTMAN HALL - BIOTECHNOLOGY CENTER IMPROVEMENTS AND  
UNIVERSITY HOSPITALS EMERGENCY DEPARTMENT MASTER PLAN -  
PHASE I, HOLDING AREA AND HYPERBARIC OXYGEN THERAPY**

Synopsis: The Fiscal Affairs Committee recommended the Report of Award of Contracts and the Establishment of Contingency Funds for the Kottman Hall - Biotechnology Center Improvements and University Hospitals Emergency Department Master Plan - Phase I, Holding Area and Hyperbaric Oxygen Therapy projects.

WHEREAS resolutions adopted by the Board of Trustees on June 2, 1989 and May 3, 1990, authorized the President and/or Vice President for Business and Administration to request bids in accordance with established University procedures, and if satisfactory bids were received, to award contracts for the following projects: Kottman Hall - Biotechnology Center Improvements and University Hospitals Emergency Department Master Plan - Phase I, Holding Area and Hyperbaric Oxygen Therapy:

NOW THEREFORE

BE IT RESOLVED, That pursuant to the actions previously authorized by this Board and upon the recommendation of the Fiscal Affairs Committee, the Report of Award of Contracts and Establishment of Contingency Funds for the Kottman Hall - Biotechnology Center Improvements and University Hospitals Emergency Department Master Plan - Phase I, Holding Area and Hyperbaric Oxygen Therapy projects is hereby accepted.

Upon motion of Amb. Wolf, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**EASEMENT  
COLUMBUS SOUTHERN POWER COMPANY**

Resolution No. 91-10

Synopsis: The Fiscal Affairs Committee recommended the approval to renew an easement at 2151 Neil Avenue in Columbus, Ohio.

WHEREAS in 1975 The Ohio State University granted to the Columbus Southern Power Company a 15-year easement for an anchor wire approximately 15 feet in length for the installation of an anchor to provide electric service at the North Campus Recreational Facility located at 2151 Neil Avenue; and

WHEREAS this easement will expire on August 1, 1990, and Columbus Southern Power has requested a renewal for a 15-year period; and

WHEREAS the electric service will serve University property; and

July 6, 1990 meeting, Board of Trustees

**EASEMENT  
COLUMBUS SOUTHERN POWER COMPANY (contd)**

WHEREAS the appropriate University offices have recommended the approval of this easement:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Acting Vice President for Business and Administration be authorized to request the Deputy Director of Public Works of the Department of Administrative Services, pursuant to his statutory duties, to act for and on behalf of the University in developing the necessary legal instruments to provide for this easement.

Upon motion of Amb. Wolf, seconded by Mr. Kessler, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix VI for map, page 155.)

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**EASEMENT  
COLUMBUS SOUTHERN POWER COMPANY**

Resolution No. 91-11

Synopsis: The Fiscal Affairs Committee recommended the approval to renew an easement at King Avenue and Cannon Drive in Columbus, Ohio.

WHEREAS in 1975 The Ohio State University granted to the Columbus Southern Power Company a 15-year easement consisting of a strip of land approximately ten feet in width and approximately 155 feet in length to supply electric service to the Franklin County Morgue at King Avenue and Cannon Drive; and

WHEREAS this easement will expire on August 1, 1990, and Columbus Southern Power has requested a renewal for a 15-year period; and

WHEREAS the electric service will serve University property; and

WHEREAS the appropriate University offices have recommended the approval of this easement:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Acting Vice President for Business and Administration be authorized to request the Deputy Director of Public Works of the Department of Administrative Services, pursuant to his statutory duties, to act for and on behalf of the University in developing the necessary legal instruments to provide for this easement.

Upon motion of Amb. Wolf, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix VII for map, page 157.)

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July 6, 1990 meeting, Board of Trustees

**COMPLIANCE WITH REGULATIONS OF THE  
OHIO PUBLIC FACILITIES COMMISSION**

Resolution No. 91-12

Synopsis: The Fiscal Affairs Committee recommended authorization for the designated officials to ensure compliance with regulations of the Ohio Public Facilities Commission.

WHEREAS pursuant to Chapter 154 of the Revised Code and the regulations of the Ohio Public Facilities Commission, each State Institution of higher education, to which funds are appropriated in Substitute House Bill 808 enacted by the 118th General Assembly, is required to authorize a designated official to sign and submit to the Ohio Public Facilities Commission documentation required with respect to the individual projects for which funds are appropriated; and

WHEREAS in submitting this documentation each institution is required to permit the Commission to use designated institutional sites for the purpose of these projects and to agree to undertake the performance of the functions and responsibilities of a using governmental agency as provided in the Commission's regulations with respect to such projects:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Acting Vice President for Business and Administration be authorized to complete, sign and submit to the Ohio Public Facilities Commission documentation required by the Commission for any or all of the projects for The Ohio State University provided for or pursuant to the appropriations made under Section 12 of Substitute House Bill 808 enacted by the 118th General Assembly; and

BE IT FURTHER RESOLVED, That this Board agrees to permit the Ohio Public Facilities Commission to use designated University sites for the purpose of such projects, the boundaries of which will be shown in the plans for such projects, for so long as the respective notes, if any, and bonds issued to finance the project shall be outstanding; and

BE IT FURTHER RESOLVED, That this Board agrees to undertake performance of the functions and responsibilities of a using governmental agency and of a designated governmental agency to the extent it is such as provided in the regulations of the Ohio Public Facilities Commission and any applicable leases, agreements or rules of the Commission with respect to such projects.

Upon motion of Amb. Wolf, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**PROPOSED SALE OF PROPERTY**

Resolution No. 91-13

WHEREAS in 1973 pursuant to action of this Board, residential property located at 285 Crowell Road, Columbus, Ohio, was purchased in Trust by the Board of Trustees with title taken in the name of the Board of Trustees of The Ohio State University; and

WHEREAS the residence at Crowell is no longer sufficient to meet the needs of the University, it is now deemed desirable to sell such property:

July 6, 1990 meeting, Board of Trustees

**PROPOSED SALE OF PROPERTY (contd)**

NOW THEREFORE

BE IT RESOLVED, That the Secretary of this Board, be and he hereby is authorized, in consultation with, and with the assistance of, the University's Acting Vice President for Business and Administration and its legal counsel, to enter into a contract for the sale of the property and to consummate the sale pursuant thereto, executing or having executed any documents necessary, incidental and desirable to complete the transaction; the net proceeds of the sale to be deposited in the unrestricted funds of the University's Endowment Fund for the University's use and benefit as the Board of Trustees may subsequently decide.

Upon motion of Mr. Teaford, seconded by Amb. Wolf, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**LETTER OF APPOINTMENT**

Resolution No. 91-14

RESOLVED, That the Chairperson be and she hereby is authorized to send to President-elect Gee the Letter of Appointment in the form attached hereto.

Upon motion of Mrs. Bowser, seconded by Mr. Kessler, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix VIII for Letter of Appointment, page 159.)

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**EXPRESSION OF APPRECIATION**

Resolution No. 91-15

WHEREAS Weldon E. Ihrig has served this University in numerous capacities, beginning in 1965 as an Assistant Registrar in the Office of the University Registrar; and

WHEREAS from 1974-1981 he served as Assistant Vice President for Business and Administration with responsibility for providing general management, budgeting and planning support for the University's business functions; and

WHEREAS in 1981 he was promoted to the position of University Fiscal Officer and subsequently received the title designation of Vice President for Finance with reporting responsibility for the following functioning areas: Treasurer's Office, Controller's Office, Budget Planning, Campus Planning, and Management Studies; and

WHEREAS Weldon Ihrig's long-term service as an administrative officer of the University has been sustained, progressive and exceptionally productive during a period of dynamic change, growth, and institutional recognition; and

WHEREAS Weldon E. Ihrig has announced his intention to retire from The Ohio State University on August 31, 1990, in order to assume the position of Vice Chancellor of Finance and Administration for the Oregon State System of Higher Education:

July 6, 1990 meeting, Board of Trustees

**EXPRESSION OF APPRECIATION (contd)**

NOW THEREFORE

BE IT RESOLVED, that this Board, in recognition of Weldon E. Ihrig's dedicated service and noteworthy contributions to The Ohio State University during the past twenty-five years, expresses its sincere appreciation for a job well done; and

BE IT FURTHER RESOLVED, That the Board extends to Weldon and his wife, Susan, all best wishes for good health, success, and happiness in the future.

Upon motion of Mr. Teaford, seconded by Mrs. Bowser, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

Mrs. Bowser:

Weldon, I, too, add my congratulations to you and thanks for the job that you have done for us. We will really miss you.

Mr. Ihrig:

The feeling is mutual. I have really enjoyed the relationship with this Board, with every one of you and you have helped me grow. The only trouble with this type of resolution is that it tends to give away the aging process. Now, I have a real opportunity to be a true alum of Ohio State University and I will be able to look over your shoulders at a different advantage point. I wish you all well in the future of this great University. Thank you, again, for the opportunity.

Mrs. Bowser:

I would like to say, too, that this is the last meeting that we will have Ed Jennings at the head of the table. As long as I've been a Trustee, Ed has been the President of this University and he is leaving us with our best wishes as he returns to the faculty. We wish you well and we hope you will join us from time to time.

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**Request for Construction Bids**

Background

University Airport Renovation - 1989

This project will relocate fencing that has become an obstruction in runway clear zones and will replace sections of the old farm fence with new six-foot chain-link fencing.

Funds for this project are available from a Federal Aviation Administration grant (90%) and University funds (10%). Construction costs for the project are estimated at \$135,000.00, and the total estimated project cost is \$150,000.00.

(See Appendix IX for map, page 163.)

July 6, 1990 meeting, Board of Trustees

**REQUEST FOR CONSTRUCTION BIDS**

Resolution No. 91-16

**UNIVERSITY AIRPORT RENOVATION - 1989**

Synopsis: The Fiscal Affairs Committee recommended authorization to request construction bids for the University Airport Renovation - 1989 project.

WHEREAS the University Airport Renovation 1989 project will relocate fencing that has become an obstruction in runway clear zones and replace sections of the old farm fence with new six-foot chain-link fencing; and

WHEREAS the total estimated cost of this project is \$150,000.00, with the estimated construction cost being \$135,000.00, and with funding provided from a Federal Aviation Administration grant and University funds:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Acting Vice President for Business and Administration be authorized to request construction bids on these projects in accordance with established University procedures, and if satisfactory bids are received, to award contracts, with all actions to be reported to this Board at the appropriate time.

Upon motion of Amb. Wolf, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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Thereupon the Board adjourned to meet Friday, September 7, 1990, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio.

Attest:

Madison H. Scott  
Secretary

Shirley D. Bowser  
Chairperson

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APPENDIX I

THE OHIO STATE UNIVERSITY ENDOWMENT SUMMARY  
June 15, 1990

Presented to the Investments Committee and  
Adopted by the Board of Trustees July 6, 1990  
(See page 4)

**THE OHIO STATE UNIVERSITY**  
**ENDOWMENT FUND**

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**ENDOWMENT SUMMARY**

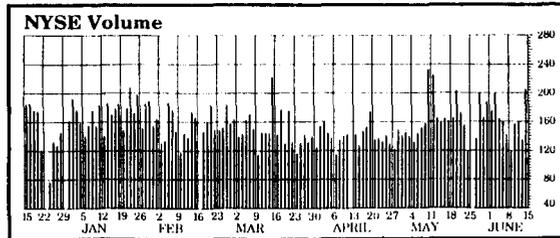
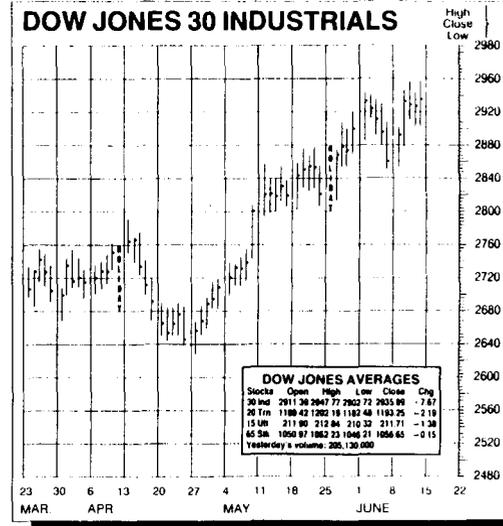
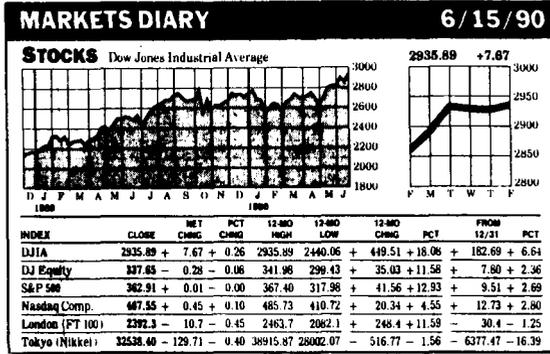
June 15, 1990

Office of the Treasurer



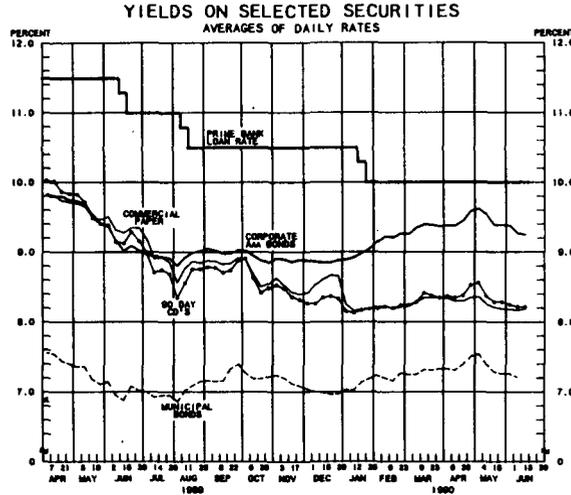
# The Ohio State University Endowment Fund

## Equity Market Information



# The Ohio State University Endowment Fund

## Selected Yield and Interest Rates

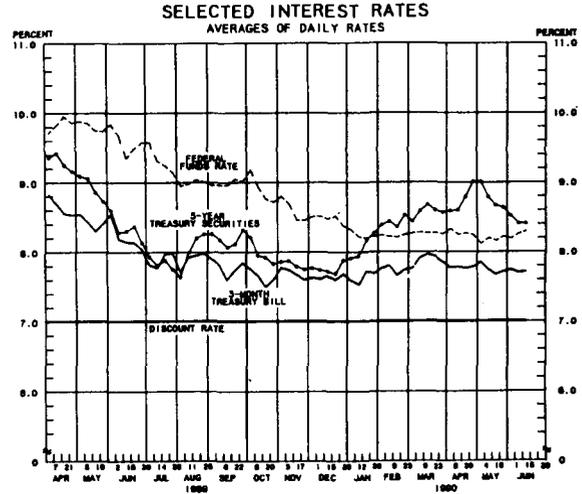


LATEST DATA PLOTTED ARE AVERAGES OF RATES AVAILABLE FOR THE WEEK ENDING JUNE 15, 1980.

1980	90-DAY T-BILLS	30-DAY COMMERCIAL PAPER	90-DAY ACCEPTANCE	CORPORATE TAX BONDS	CORPORATE BONDS	MUNICIPAL BONDS
APR. 8	8.37	8.34	8.17	8.38	10.27	7.53
13	8.35	8.30	8.14	8.38	10.18	7.51
20	8.34	8.30	8.18	8.43	10.28	7.59
27	8.33	8.35	8.30	8.50	10.45	7.81
MAY 4	8.37	8.36	8.23	8.52	10.34	7.54
11	8.36	8.36	8.13	8.52	10.46	7.59
18	8.29	8.21	8.08	8.36	10.30	7.89
25	8.29	8.19	8.08	8.36	10.34	7.89
JUNE 1	8.25	8.01	8.01	8.38	10.20	7.28
8	8.22	8.17	7.88	8.27	10.21	7.21
15	8.22	8.19	7.88	8.25	10.21	N.A.
22						
29						

NOTE: CURRENT DATA APPEAR IN THE BOARD OF GOVERNORS' N-15 RELEASE.  
 8. AVERAGE OF RATES AVAILABLE.  
 9. FROM BUREAU'S AVERAGE TABLE OF 20 MUNICIPAL BONDS, THURSDAY DATA  
 N.A. - NOT AVAILABLE

PREPARED BY FEDERAL RESERVE BANK OF ST. LOUIS



LATEST DATA PLOTTED ARE AVERAGES OF RATES AVAILABLE FOR THE WEEK ENDING JUNE 15, 1980.

1980	FEDERAL RESERVE DISCOUNT RATE	3-MONTH TREASURY BILL	6-MONTH TREASURY BILL	1-YEAR TREASURY BILL	5-YEAR TREASURY SECURITIES	LONG-TERM TREASURY SECURITIES
APR. 8	8.33	7.77	7.81	7.71	8.58	8.72
15	8.25	7.78	7.80	7.70	8.50	8.64
20	8.27	7.78	7.75	7.81	8.70	8.64
27	8.24	7.78	7.81	7.84	8.01	8.13
MAY 4	8.12	7.85	8.03	7.84	8.01	8.11
11	8.20	7.79	7.84	7.73	8.70	8.83
18	8.15	7.89	7.89	7.88	8.87	8.78
25	8.22	7.97	7.79	7.84	8.64	8.78
JUNE 1	8.18	7.74	7.74	7.81	8.52	8.71
8	8.28	7.70	7.82	7.81	8.52	8.58
15	8.30	7.71	7.84	7.51	8.41	8.87
22						
29						

NOTE: CURRENT DATA APPEAR IN THE BOARD OF GOVERNORS' N-15 RELEASE EXCLUDING LONG-TERM TREASURY SECURITIES.  
 8. AVERAGE OF RATES AVAILABLE.  
 9. FROM BUREAU'S AVERAGE TABLE OF 20 MUNICIPAL BONDS, THURSDAY DATA  
 N.A. - NOT AVAILABLE

PREPARED BY FEDERAL RESERVE BANK OF ST. LOUIS

**THE OHIO STATE UNIVERSITY  
Portfolio Summary**

	<u>6/15/90</u>	<u>6/30/89</u>
Unallocated Cash	\$893,387	\$57,014,059
<b>Equities:</b>		
Chicago	38,944,043	34,629,320
R. Meeder (1)	13,250,839	0
Neuberger & Berman	14,374,255	13,552,018
Nicholas Applegate	15,605,241	11,475,663
Siebel	36,516,820	32,173,227
University Managed	33,779,864	29,154,054
University Students (2)	5,609,131	0
Wells Fargo EAFE (3)	8,989,183	0
Wells Fargo S&P 500 (4)	31,190,705	0
<b>Total Equities</b>	<b>198,259,881</b>	<b>120,984,282</b>
<b>Fixed Income:</b>		
Boatmen's Trust	23,266,391	23,841,580
Cambridge	924,127	951,048
Duff & Phelps	10,131,027	10,243,208
WR Lazard (5)	9,872,622	0
STW Fixed Income	23,341,985	24,150,270
University GNMA	10,079,698	10,144,887
University Managed	244,375	465,211
<b>Total Fixed Income</b>	<b>77,860,225</b>	<b>69,796,204</b>
<b>Real Estate</b>	<b>43,965,631</b>	<b>39,503,844</b>
<b>Total Portfolio</b>	<b>\$320,979,124</b>	<b>\$287,298,389</b>

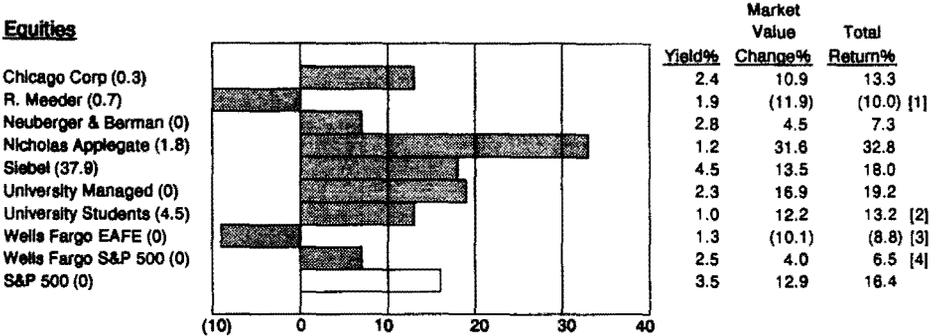
<u>Asset Allocation</u>	<u>6/15/90</u>	<u>% of Portfolio</u>	<u>5/18/90</u>	<u>% of Portfolio</u>	<u>6/30/89</u>	<u>% of Portfolio</u>
Equities	\$183,657,933	57.22	\$175,130,881	56.01	\$106,021,220	36.90
Fixed Income	78,790,818	23.92	75,043,433	24.00	66,884,187	23.28
Real Estate	43,875,000	13.67	43,875,000	14.03	39,395,000	13.71
Cash	16,855,573	5.19	18,617,150	5.96	74,996,002	26.11
<b>Total</b>	<b>\$320,979,124</b>	<b>100.00</b>	<b>\$312,668,464</b>	<b>100.00</b>	<b>\$287,298,389</b>	<b>100.00</b>

- (1) R. Meeder began as an advisor on August 8, 1989 with \$15,000,000.  
(2) University Students began as advisor on February 20, 1990 with \$5,000,000.  
(3) Wells Fargo EAFE began as an advisor on October 2, 1989 with \$40,000,000.  
(4) Wells Fargo S&P 500 began as an advisor on October 6, 1989 with \$30,000,000.  
(5) WR Lazard began as an advisor on August 8, 1989 with \$10,000,000.

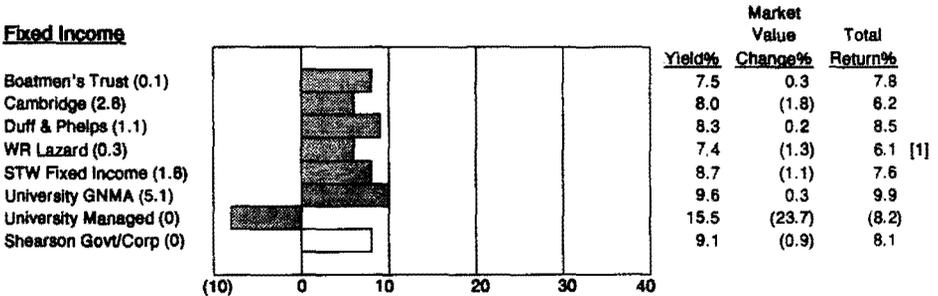
**THE OHIO STATE UNIVERSITY  
Endowment Performance Summary**

**Estimated 12 Month Total Return**

**Equities**



**Fixed Income**



( ) Percent Cash 6/15/90

[1] Reflects return from initial allocation August 8, 1989 only.

[2] Reflects return from initial allocation February 20, 1990 only.

[3] Reflects return from initial allocation October 2, 1989 only.

[4] Reflects return from initial allocation October 6, 1989 only.

<u>Change in Total Valuation</u>	Year to Date	Latest Month
	July 1, 1989 to June 15, 1990	May 18, 1990 to June 15, 1990
Beginning Market Value	\$287,298,389	\$312,666,484
Principal Additions	20,000,837	951,192
Principal Withdrawals	(294,472)	0
Change in Market Value	13,974,370	7,381,468
Ending Market Value	<u>\$320,979,124</u>	<u>\$320,979,124</u>

NOTE: Endowment Income from July 1, 1989 through June 30, 1990 totaled approximately \$16,282,000.

**THE OHIO STATE UNIVERSITY**  
**Maturities and**  
**Real Estate Activity**

**MATURITIES THAT OCCURRED DURING PERIOD**

<u>Par Value</u>	<u>Issue, Coupon, Maturity</u>	<u>Advisor</u>
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No maturities during the period.

**REAL ESTATE**

**Acquisitions & Sales**

Description

Cost or  
Appraised Value

No activity during the period.

**THE OHIO STATE UNIVERSITY**  
**Equity Acquisitions**

Purchases and Gifts During Period

<u>Number of Shares</u>	<u>Company</u>	<u>Advisor</u>	<u>Price/Share</u>	<u>Investment</u>	<u>Annual Dividend</u>
900	American Brands, Inc.	Chicago	65.7500	\$59,233.50	\$2,448.00
1,700	Apple Computer, Inc.	Chicago	39.1250	66,512.50	748.00
3,200	Cracker Barrel Old Country Store, Inc.	Chicago	24.3112	77,795.93	0.00
1,700	First Alabama Bancshares, Inc.	Chicago	15.8750	26,987.50	1,564.00
8,100	General Binding Corp.	Chicago	25.2967	204,903.30	2,268.00
600	General Mills, Inc.	Chicago	81.3750	48,864.00	1,320.00
1,100	Martin Marietta Corp.	Chicago	42.7500	47,096.50	1,485.00
4,900	National Presto Industries, Inc.	Chicago	41.7500	204,893.50	7,350.00
700	Nike, Inc.	Chicago	77.7500	54,425.00	560.00
6,200	Shaw Industries, Inc.	Chicago	32.0282	198,978.00	3,100.00
1,200	Sonoco Products Co.	Chicago	34.2500	41,100.00	1,104.00
2,400	Stride Rite Corp.	Chicago	25.1250	60,456.00	960.00
7,300	Tandem Computers, Inc.	Chicago	28.3577	207,485.71	0.00
5,400	Thermo Electron Corp.	Chicago	33.9750	183,816.00	0.00
1,500	U.S. West, Inc.	Chicago	37.7500	56,722.50	3,000.00
2,300	Westvaco, Inc.	Chicago	26.6250	61,387.00	2,300.00
1,400	Banc One Corp.	Nicholas-Applegate	29.9490	42,012.60	1,456.00
6,600	Cetus Corp.	Nicholas-Applegate	19.4820	128,581.20	0.00
14,000	Equifax, Inc.	Nicholas-Applegate	20.7500	291,340.00	6,720.00
2,000	Motorola, Inc.	Nicholas-Applegate	81.3532	162,826.40	1,520.00
4,100	Nucor Corp.	Nicholas-Applegate	74.2530	304,683.30	1,968.00
2,400	Wheelabrator Technologies, Inc.	Nicholas-Applegate	40.6250	97,644.00	0.00
15,000	Kasler Corp.	Siebel Capital	11.7860	176,790.00	1,500.00
205	Banc One Corp.*	University Managed	30.3125	6,214.06	213.20
136	Lockheed Corp.*	University Managed	35.3125	4,802.50	244.80
100	Pfizer, Inc.*	University Managed	65.5000	6,550.00	240.00
33	Union Pacific Corp.*	University Managed	73.6876	2,431.69	76.56

Continued next page

**THE OHIO STATE UNIVERSITY**  
**Equity Acquisitions**

Purchases and Gifts During Period (continued)

<u>Number of Shares</u>	<u>Company</u>	<u>Advisor</u>	<u>Price/Share</u>	<u>Investment</u>	<u>Annual Dividend</u>
3,000	Bausch & Lomb, Inc.	University Students	62.0000	\$186,300.00	\$3,960.00
10,000	Fabri Centers of America	University Students	20.8750	209,750.00	0.00
3,000	General Electric Co.	University Students	68.7500	206,430.00	5,640.00
20,000	International Technology Corp.	University Students	8.1700	164,400.00	0.00
2,000	Limited, Inc.	University Students	49.0000	98,100.00	960.00
3,000	Microsoft Corp.	University Students	71.7500	215,430.00	0.00
3,000	Nike, Inc.	University Students	76.2500	228,930.00	2,400.00
6,000	Optical Radiation Corp.	University Students	35.0417	210,250.00	0.00
20,000	Sterling Software, Inc.	University Students	10.5000	212,000.00	0.00
5,000	Toys-R-Us, Inc.	University Students	45.8750	229,675.00	0.00
5,000	Unum Corp.	University Students	49.5625	248,312.50	4,000.00
				<u>\$5,034,110.19</u>	<u>\$59,105.56</u>

\*Gift

**THE OHIO STATE UNIVERSITY**  
**Equity Sales**

Sales Made During Period

<u>Number of Shares</u>	<u>Company</u>	<u>Advisor</u>	<u>Price/Share</u>	<u>Total Sale</u>	<u>Gain (Loss)</u>
8,000	Browning-Ferris Industries, Inc.	Chicago	40.1250	\$240,351.97	\$80,961.97
9,150	CLARCOR, Inc.	Chicago	22.3815	204,790.50	38,340.50
13,200	MNC Financial, Inc.	Chicago	16.4763	216,621.91	(27,177.26)
3,700	McGraw-Hill, Inc.	Chicago	56.6250	209,265.01	(20,251.19)
4,400	PNC Financial Corp.	Chicago	35.8910	157,651.13	(36,022.37)
3,000	Woolworth (FW) Co.	Chicago	65.0000	194,798.50	9,068.50
4,700	Avnet, Inc.	Nicholas-Applegate	28.6782	134,501.00	5,439.00
3,500	Gap, Inc.	Nicholas-Applegate	64.0957	224,117.30	782.30
1,800	Liz Claiborne, Inc.	Nicholas-Applegate	28.0000	44,800.00	5,890.24
1,800	Microsoft Corp.	Nicholas-Applegate	75.0016	120,002.60	69,485.76
3,100	Neiman Marcus Group, Inc.	Nicholas-Applegate	16.0160	49,462.04	(2,652.71)
6,000	Newmont Mining Corp.	Nicholas-Applegate	40.4312	242,219.10	(79,653.30)
12,600	Tandem Computers, Inc.	Nicholas-Applegate	25.6800	322,548.99	44,512.60
1,300	Loews Corp.	Siebel Capital	115.8450	150,502.48	90,967.41
200	International Business Machines Corp.*	University Managed	119.7500	23,919.20	115.00
				<u>\$2,535,551.73</u>	<u>\$179,806.45</u>

\*Gift

**THE OHIO STATE UNIVERSITY**  
**Fixed Income Acquisitions**

Purchases and Gifts During Period

<u>Par Value</u>	<u>Issue, Coupon, Maturity</u>	<u>Advisor</u>	<u>Current Yield</u>	<u>Yield to Maturity</u>	<u>Price</u>	<u>Investment</u>
13,080,000	U.S. Treasury Bond 0.000% 11-15-15	Boatmen's	0.0000	8.5527	11.8390	1,548,541.20
900,000	U.S. Treasury Bond 8.500% 02-15-20	Cambridge	8.4603	8.4547	100.4687	904,218.75
900,000	U.S. Treasury Note 8.440% 04-15-97	Cambridge	8.4150	8.3784	100.2969	902,671.88
1,000,000	General Motors Acceptance Corp. 8.875% 06-01-10	STW	8.8787	8.8791	99.9580	999,580.00
						<b>\$4,355,011.83</b>

**THE OHIO STATE UNIVERSITY**  
**Fixed Income Sales**

Sales Made During Period

<u>Par Value</u>	<u>Issue, Coupon, Maturity</u>	<u>Advisor</u>	<u>Price</u>	<u>Total Sale</u>	<u>Gain (Loss)</u>
13,080,000	U.S. Treasury Bond 0.000% 11-15-16	Boatmen's	11.1110	1,453,318.80	884.40
100,000	U.S. Treasury Bond 8.875% 08-15-17	Boatmen's	101.8437	101,843.75	4,066.99
900,000	U.S. Treasury Bond 8.500% 02-15-20	Cambridge	97.9844	881,859.38	11,390.63
900,000	U.S. Treasury Bond 8.500% 02-15-20	Cambridge	100.8906	908,015.63	3,796.88
900,000	U.S. Treasury Bond 10.750% 08-15-05	STW	116.3906	1,047,515.63	(39,727.36)
				<u>1,047,515.63</u>	<u>(39,727.36)</u>
				<u><b>\$4,392,553.19</b></u>	<u><b>(\$19,588.46)</b></u>

**THE OHIO STATE UNIVERSITY**  
**Real Estate Investments**

	<u>Yield</u>	<u>Year</u> <u>Acquired</u>	<u>Carrying</u> <u>Value</u>	<u>Appraised</u> <u>Value</u>	<u>Date</u> <u>Appraised</u>
Buildings and 3.9 acres at Boardwalk Street and Mediterranean Avenue	9.36%	1990	\$4,275,000	\$4,275,000	10/89
46.984 acres of land in Delaware County	0.55%	1971	100,793	641,000	06/89
Hangar at Don Scott Field (Loan)	0.00%	1973	24,000 (1)	24,000	N/A
Hangar addition at Don Scott Field (Loan)	10.00%	1978	86,831 (1)	66,631	N/A
17.92 acres of land on Eiterman Road	0.00%	1978	25,152	725,000	05/88
51 acres of land, 2809 West Granville Road	0.00%	1962	160,265	2,896,000	06/89
48.52 acres of land, 3025 West Granville Road	0.00%	1972	544,398	4,367,000	06/89
78.143 acres of land, 3253 West Granville Road	0.03%	1968	310,538	8,853,000	06/89
30.539 acres of land, 3371 West Granville Road	0.00%	1971	265,079	2,749,000	08/89
32 acres of land, 3371 West Granville Road	0.19%	1986	2,078,666	2,880,000	06/89
12 acres of land, 3483 West Granville Road	0.00%	1965	24,000	1,080,000	06/89
8.557 acres of land, 3505 West Granville Road	0.00%	1968	17,114	770,000	06/89
Undivided one-half interest in building and .85 acres at 1375 South Hamilton Road	2.94%	1986	95,000	95,000	01/86
94.5 acres of land on Harrisburg Pike	0.00%	1986	190,000	283,000	06/89
Building and 2.639 acres at 1900 Kenny Road	21.84%	1961	659,930	1,250,000	06/89
Building and 8.41 acres at 1960 Kenny Road	17.36%	1971	1,320,693	2,500,000	06/89
Building and 8.328 acres at 1991 Kenny Road	8.81%	1968	170,000	696,000	06/89
Building and 3.295 acres at 930 Kinnear Road	7.97%	1962	435,204	1,550,000	06/89
Building and 5.56 acres at 1100 Kinnear Road	3.74%	1984	825,000	2,650,000	06/89
20.966 acres of land on Shier-Rings Road	0.00%	1978	241,846	1,155,000	08/89
Veterans Administration Clinic	8.08%	1979	3,767,261	6,480,000	02/85
			<u>\$15,596,572</u>	<u>\$43,965,631</u>	

(1) Amount represents balance on loan made to Department of Aviation



Office of the Treasurer

Riverwatch Tower - Suite B  
364 West Lane Avenue  
Columbus, OH 43201-1002  
Phone 614-292-6261

**MEMORANDUM**

**Subject:** Proxy Solicitations  
**Date:** June 30, 1990  
**From:** James L. Nichols, Treasurer *James L. Nichols*  
**To:** Board of Trustees, The Ohio State University

During the month of June 1990, the University voted ten proxies.

Management proposals were as follows:

- 1) Election of the Board of Directors;
- 2) Amendment to increase the number of shares available for issuance under the Non-Qualified Option Plan;
- 3) Ratification of the independent auditors;
- 4) Approval of Employees' Stock Incentive Plan;
- 5) Approval Non-Employee Director Stock Option Plan;
- 6) Approval of Management Equity Incentive Plan;
- 7) Permit dividends of Class B Common Stock to be paid in shares of Class A Common Stock or special Class A Common Stock;
- 8) Permit conversion of Class B Common Stock to Class A Special Common Stock;
- 9) Eliminate the \$1 per share liquidation preference of Class A Common Stock and Class A Special Common Stock;
- 10) Approval of amendment to Stock Option Plans;
- 11) Approval of the sale of two subsidiaries;
- 12) Approval to create a class of preferred stock.

The shareholder proposal was as follows:

- 1) Invoke annual election of all directors.

The University voted for all Management proposals and against the shareholder proposal. Additionally, Management opposed the shareholder proposal.

The ten corporations were:

- 1) American Greetings
- 2) Charming Shoppes, Incorporated
- 3) Citizens Utilities Company
- 4) Comcast Corporation
- 5) Ennis Business Forms, Incorporated
- 6) Interco, Incorporated
- 7) McKesson Corporation
- 8) Mitchell Energy and Development Corporation
- 9) National Pizza Company
- 10) Newmont Mining Corporation

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**APPENDIX II**

**THE STUDENT INVESTMENT MANAGEMENT PROGRAM  
July 6, 1990**

**Presented to the Investments Committee  
(See page 4)**

THE STUDENT INVESTMENT MANAGEMENT PROGRAM  
REPORT TO THE INVESTMENT COMMITTEE  
JULY 6, 1990

## EXECUTIVE SUMMARY

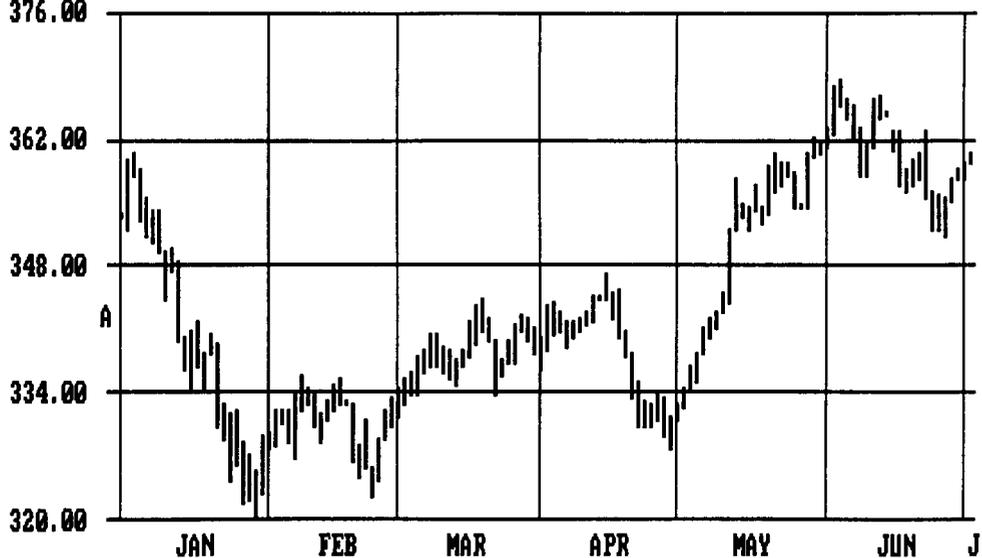
The student investment management team received an allocation of \$5 million in endowment funds in mid February. Initial investments totalling roughly \$1.5 million were made on February 16th. The amount invested in equities was gradually increased to roughly 95% by the end of the current reporting period (June 15th).

The initial return on the student portfolio has been impressive. Realized and unrealized gains totalled \$609 thousand dollars which, together with dividends and interest produced a total return of 13.2% over the four month period. On an annualized basis, the total return was just under 40%.

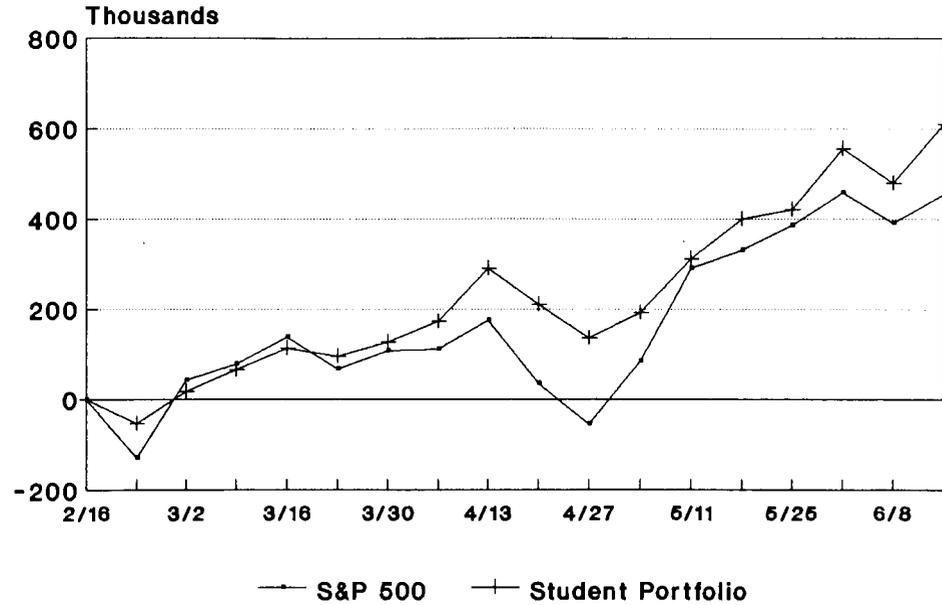
The educational return on the student investment management project has continued to grow at an impressive rate as well. Each year more than 100 undergraduate and graduate students rotate through the program and are emersed in the practical rigors of real world investments. The quality and depth of our industry speaker series continues to improve. And, despite a general downturn in the securities industry, we are continuing to expand our efforts to place students in summer intern positions and permanent jobs in the investments community.

QSP + 360.60 (Q) 11.00

### STANDARD AND POORS INDEX



# Growth in Portfolio Value



WEEKLY PERFORMANCE

	Date:	2/16	2/23	3/2	3/9	3/16	3/23	3/30	4/6
New Investment		5000000	0	0	0	0	0	0	0
Cumulative Investment		5000000	5000000	5000000	5000000	5000000	5000000	5000000	5000000
S&P 500 Index Value		332.72	324.15	335.54	337.93	341.91	337.23	339.94	340.08
S&P 500 Shares		15027.65	15027.65	15027.65	15027.65	15027.65	15027.65	15027.65	15027.65
S&P Portfolio		5000000	4871213	5042378	5078294	5138104	5067775	5108500	5110804
S&P Portfolio + Cash		5000000	4871213	5042378	5078294	5138104	5067775	5108500	5110804
Gain(Loss)		0	-128787	171165	35916	59810	-70329	40725	2104
Cum. Gain(Loss)		0	-128787	42378	78294	138104	67775	108500	110604
Student Portfolio		1595298	1765250	1835750	2003000	3842000	3824375	3658125	3845875
Student Portfolio + Cash		5000000	4947663	5018163	5065215	5112748	5095123	5128873	5172613
Gain(Loss)		0	-52336	70500	47053	47533	-17625	31750	45740
Cum. Gain(Loss)		0	-52336	18163	65215	112748	95123	128873	172613
Cash Position		3404703	3182413	3182413	3062215	1270748	1270748	1270748	1326738

4/13	4/20	4/27	5/4	5/11	5/18	5/25	6/1	6/8	6/15
0	0	0	0	0	0	0	0	0	0
5000000	5000000	5000000	5000000	5000000	5000000	5000000	5000000	5000000	5000000
344.34	335.12	329.11	338.39	352.00	354.74	358.42	363.16	358.71	362.91
15027.65	15027.65	15027.65	15027.65	15027.65	15027.65	15027.65	15027.65	15027.65	15027.65
5174621	5036066	4945750	5085207	5289733	5330909	5386211	5457442	5390569	5453685
5174621	5036066	4945750	5085207	5289733	5330909	5386211	5457442	5390569	5453685
64018	-138555	-90316	139457	204528	41176	55302	71231	-66873	83116
174621	36066	-54250	85207	289733	330909	386211	457442	390569	453685
3963125	3883500	3711875	3856125	3798250	2938125	5187500	5302750	5225750	5356625
5289863	5210238	5135583	5192273	5311142	5400209	5420006	5555256	5478256	5609131
117250	-79825	-74655	56690	118869	89067	19797	135250	-77000	130875
289863	210238	135583	192273	311142	400209	420006	555256	478256	609131
1326738	1326738	1423708	1336148	1512892	2462084	252506	252506	252506	252506

TRANSACTIONS - SIM PROGRAM

DATE	ORDER TYPE	AMOUN	SECURITY	ORIG. PRICE	COMM.	SEC FEE	TOTAL COST	CASH BALANCE
2/16	BUY	1000	AIG Group	97.125	60.00	0.00	97185.00	4902815.00
2/16	BUY	3000	JM Smucker	68.125	180.00	0.00	204555.00	4698260.00
2/16	BUY	3000	Walgreen	41.625	180.00	0.00	125055.00	4573205.00
2/16	BUY	2800	MA Hanna	23.875	168.00	0.00	67018.00	4506187.00
2/16	BUY	900	MA Hanna	23.875	54.00	0.00	21541.50	4484645.50
2/16	BUY	1300	MA Hanna	23.875	78.00	0.00	31115.50	4453530.00
2/16	BUY	5000	Rubbermaid	32.455	300.00	0.00	162575.00	4290955.00
2/16	BUY	3000	Limited	35.500	180.00	0.00	106680.00	4184275.00
2/16	BUY	4000	Great Lakes	46.000	240.00	0.00	184240.00	4000035.00
2/16	BUY	5000	Fifth Third	32.000	300.00	0.00	160300.00	3839735.00
2/16	BUY	3500	Cooper Tire	33.875	210.00	0.00	118772.50	3720962.50
2/16	BUY	1500	Cooper Tire	33.750	90.00	0.00	50715.00	3670247.50
2/16	BUY	2000	Procter & Gamble	66.625	140.00	0.00	133390.00	3536857.50
2/16	BUY	500	Edison Bros.	32.750	35.00	0.00	16410.00	3520447.50
2/16	BUY	3500	Edison Bros.	33.000	245.00	0.00	115745.00	3404702.50
2/20	BUY	5000	Worthington Ind.	20.625	300.00	0.00	103425.00	3301277.50
2/20	BUY	2000	Banc One	29.500	120.00	0.00	59120.00	3242157.50
2/23	BUY	1000	Banc One	28.625	60.00	0.00	28685.00	3213472.50
2/23	BUY	1000	Edison Bros.	31.000	60.00	0.00	31060.00	3182412.50
3/05	BUY	900	ATT	40.000	63.00	0.00	36063.00	3146349.50
3/05	BUY	100	ATT	39.875	7.00	0.00	3994.50	3142355.00
3/05	BUY	500	ATT	40.000	35.00	0.00	20035.00	3122320.00
3/05	BUY	1500	ATT	40.000	105.00	0.00	60105.00	3062215.00
3/12	BUY	3000	Medtronic	63.250	180.00	0.00	189930.00	2872285.00
3/12	BUY	400	Wal Mart	46.375	24.00	0.00	18574.00	2853711.00
3/12	BUY	1700	Wal Mart	46.375	102.00	0.00	78939.50	2774771.50
3/12	BUY	900	Wal Mart	46.375	54.00	0.00	41791.50	2732980.00
3/12	BUY	2000	Wal Mart	46.375	120.00	0.00	92870.00	2640110.00
3/12	BUY	500	ATT	41.125	35.00	0.00	20597.50	2619512.50
3/12	BUY	500	ATT	41.125	35.00	0.00	20597.50	2598915.00
3/12	BUY	5000	Savannah Foods	26.500	300.00	0.00	132800.00	2466115.00
3/12	BUY	1000	AIG	96.000	60.00	0.00	96060.00	2370055.00
3/12	BUY	2000	Limited	39.875	120.00	0.00	79870.00	2290185.00
3/12	BUY	5000	Waste Mgmt.	34.375	350.00	0.00	172225.00	2117960.00
3/13	BUY	2500	MA Hanna	25.500	175.00	0.00	63925.00	2054035.00
3/13	BUY	500	MA Hanna	25.500	35.00	0.00	12785.00	2041250.00
3/13	BUY	1000	Pepsico	59.625	60.00	0.00	59685.00	1981565.00
3/13	BUY	1500	Pepsico	59.625	90.00	0.00	89527.50	1892037.50
3/13	BUY	500	Pepsico	59.625	30.00	0.00	29842.50	1862195.00
3/13	BUY	1000	Procter & Gamble	64.625	60.00	0.00	64685.00	1797510.00
3/13	BUY	500	Walgreen	42.750	30.00	0.00	21405.00	1776105.00
3/13	BUY	2000	Banc One	29.125	120.00	0.00	58370.00	1717735.00

3/13	BUY	1500	Walgreen	42.625	90.00	0.00	64027.50	1653707.50
3/13	BUY	2000	ATT	41.375	140.00	0.00	82890.00	1570817.50
3/13	BUY	1000	Medtronic	63.375	70.00	0.00	63445.00	1507372.50
3/13	BUY	2000	Waste Mgmt.	34.000	140.00	0.00	68140.00	1439232.50
3/13	BUY	1000	Rubbermaid	35.625	60.00	0.00	35685.00	1403547.50
3/15	BUY	5000	Savannah Food	26.500	300.00	0.00	132800.00	1270747.50
4/05	BUY	1000	Great Lakes	53.000	85.00	0.00	53085.00	1217662.50
4/05	SELL	5000	Worthington Ind.	21.875	300.00	0.00	-109075.00	1326737.50
4/23	BUY	1000	Limited	40.125	100.00	0.00	40225.00	1286512.50
4/27	SELL	5000	Banc One	27.500	300.00	4.59	-137195.41	1423707.91
5/4	BUY	1000	AIG	87.500	60.00	0.00	87560.00	1336147.91
5/7	SELL	3000	Edison Bros.	35.500	300.00	3.55	-106196.45	1442344.36
5/7	SELL	2000	Edison Bros.	35.375	200.00	2.36	-70547.64	1512892.00
5/14	BUY	5000	Coca Cola	42.125	500.00	0.00	211125.00	1301767.00
5/14	SELL	3000	AIG	93.625	300.00	9.37	-280565.63	1582332.63
5/14	SELL	5000	Walgreens	43.625	500.00	7.28	-217617.72	1799950.35
5/14	SELL	5000	Wal-Mart	54.000	500.00	9.00	-269491.00	2069441.35
5/14	SELL	5000	Fifth-Third Bank	32.250	500.00	0.00	-160750.00	2230191.35
5/16	SELL	6000	Rubbermaid	38.750	600.00	7.75	-231892.25	2462083.60
5/21	BUY	1000	Optical Radiation	34.750	0.00	0.00	34750.00	2427333.60
5/21	BUY	2000	Optical Radiation	35.250	0.00	0.00	70500.00	2356833.60
5/21	BUY	3000	Optical Radiation	35.000	0.00	0.00	105000.00	2251833.60
5/21	BUY	3000	General Electric	68.750	180.00	0.00	206430.00	2045403.60
5/21	BUY	5000	Toys 'R' Us	45.875	300.00	0.00	229675.00	1815728.60
5/21	BUY	3000	Microsoft	71.750	180.00	0.00	215430.00	1600298.60
5/21	BUY	3000	Nike	76.250	180.00	0.00	228930.00	1371368.60
5/24	BUY	2000	Limited	49.000	100.00	0.00	98100.00	1273268.60
5/24	BUY	10000	Fabri-Centers	20.875	1000.00	0.00	209750.00	1063518.60
5/24	BUY	20000	International Techn	8.170	1000.00	0.00	164400.00	899118.60
5/24	BUY	2500	Unum	49.625	250.00	0.00	124312.50	774806.10
5/24	BUY	1700	Sterling Software	10.500	170.00	0.00	18020.00	756786.10
5/24	BUY	2500	Unum	49.500	250.00	0.00	124000.00	632786.10
5/25	BUY	18300	Sterling Software	10.500	1830.00	0.00	193980.00	438806.10
5/25	BUY	3000	Bausch & Lomb	62.000	300.00	0.00	186300.00	252506.10

The Ohio State University Endowment  
 PORTFOLIO APPRAISAL  
 OSU Student Managed Portfolio  
 June 15, 1990 - Third Friday Report

Quantity	Security	Unit Cost	Total Cost	Mkt Price 15-Jun	Mkt Value 15-Jun	Pct. Assets	Unit Income	Est. Annual Income	Current Yield
<b>COMMON STOCK</b>									
6,000	A T & T	40.714	244,283	42.750	256,500	4.6%	1.32	7920	3.1%
3,000	Bausch & Lomb	62.100	186,300	65.750	197,250	3.5%	1.32	3960	2.0%
5,000	Coca-Cola	42.225	211,125	45.000	225,000	4.0%	0.80	4000	1.8%
5,000	Cooper Tire	33.898	169,488	39.625	198,125	3.5%	0.38	1800	0.9%
10,000	Fabri-Centers	20.975	209,750	21.875	218,750	3.9%	0.10	1000	0.5%
3,000	General Electric	68.810	206,430	70.125	210,375	3.8%	1.88	5640	2.7%
5,000	Great Lakes Chem	47.480	237,300	62.125	310,625	5.5%	0.44	2200	0.7%
8,000	Hanna (M. A.)	24.548	196,385	22.375	179,000	3.2%	0.50	4000	2.2%
20,000	Internl. Technology	8.220	164,400	10.250	205,000	3.7%	0.00	0	0.0%
8,000	Limited	40.613	324,900	48.750	390,000	7.0%	0.48	3840	1.0%
4,000	Medtronics	83.344	253,375	79.250	317,000	5.7%	0.70	2800	0.9%
3,000	Microsoft	71.810	215,430	76.000	228,000	4.1%	0.00	0	0.0%
3,000	Nike	78.310	228,930	78.750	236,250	4.2%	1.00	3000	1.3%
8,000	Optical Radiation	38.042	216,250	38.500	231,000	4.1%	0.00	0	0.0%
3,000	PepsiCo	59.685	179,055	74.000	222,000	4.0%	1.20	3600	1.6%
3,000	Proctor & Gamble	66.025	198,075	64.375	253,125	4.5%	1.80	5400	2.1%
10,000	Savannah Foods	26.560	265,600	26.500	265,000	4.7%	0.38	3600	1.4%
6,000	Smucker (J.M.)	34.093	204,555	40.125	240,750	4.3%	0.66	4080	1.7%
20,000	Starling Software	10.800	212,000	10.000	200,000	3.6%	0.00	0	0.0%
5,000	Toys 'R' Us	45.935	229,675	48.375	231,875	4.1%	0.00	0	0.0%
5,000	Unum Corp	49.663	248,313	51.500	257,500	4.6%	0.80	4000	1.6%
7,000	Waste Management	34.338	240,385	40.500	283,500	5.1%	0.38	2520	0.9%
148,000			4,841,984		5,356,625	95.5%		63,380	1.2%
<b>CASH and EQUIVALENTS</b>									
	NCC Money Market		252,506		252,506	4.5%	7.42%	18,736	7.4%
	Commercial Paper with OSU Treas		0				8.33%	0	0.0%
	Total non-equity		252,506		252,506	4.5%		18,736	7.4%
<b>TOTAL PORTFOLIO</b>			<b>5,094,490</b>		<b>5,609,131</b>	<b>100.0%</b>		<b>82,096</b>	<b>1.5%</b>

HIGHLIGHTS OF THE  
STUDENT INVESTMENT MANAGEMENT PROGRAM  
AT THE OHIO STATE UNIVERSITY

- I. FIDUCIARY/ADMINISTRATIVE STRUCTURE
  - A. OFFICE OF THE TREASURER
  - B. STUDENT "MANAGERS"
  - C. FACULTY "COORDINATORS"
  - D. COLLEGE OF BUSINESS
  - E. UNIVERSITY TRUSTEES
  - F. ADVISORY BOARD
  
- II. ACADEMIC STRUCTURE
  - A. QUARTERLY COURSE
  - B. SUPPORT TEAM
  - C. SUMMER INTERN PROGRAM
  
- III. PORTFOLIO MANAGEMENT POLICIES
  - A. CONTINUING PORTFOLIO
  - B. POTENTIAL ADDITIONS
  - C. MAJORITY RULE
  - D. INTERACTION WITH THE TREASURER'S OFFICE
  
- IV. INTANGIBLE KEYS TO SUCCESS
  - A. CHAIN OF SUPPORT
  - B. GOALS FOR THE PROGRAM

# OSU finance students outperform the pros

## Student-managed account gains 9.5% in 13 weeks

By **Barnet D. Wolf**  
*Dispatch Business Reporter*

Although the top money managers in Columbus may be plying their trade at the city's top pension funds, mutual funds or investment companies, a group of young upstarts possibly could give them a run for their money.

In the three months that finance classes at The Ohio State University have overseen a tiny chunk of the institution's \$300 million endowment fund, the students' portfolio has outperformed not only the stock market, but the fund's professional money managers as well.

At the market's close Friday, the original \$5 million Student Managed Account had appreciated \$419,000 since it was initiated Feb. 16, and it added another \$50,000 in cash dividends and interest to the endowment fund's coffers.

That's nearly a 9.5 percent combined increase in just 13 weeks, or a 38 percent annualized gain.

During the same period, the Standard & Poor's 500 gained 8.6 percent, and an investment in the S&P 500 for those three months would have resulted in a stock-value appreciation of about \$210,000.

"I must admit I'm very pleasantly surprised," said Stephen A. Buser, a professor of finance whose class of undergraduates was the first money manager for the new account.

According to Alvin C. Rodack, OSU's associate treasurer, the Student Managed Account "has been the best manager" of OSU endowment funds during its first two months in existence. Buser believes that is true through Friday, too.

The endowment fund has nearly a dozen money managers, including companies such as Chicago Corp. and Neuberger & Berman. The OSU Board of Trustees in December approved letting finance students act as investment managers after a two-year trial using a model portfolio.

Results from three months "is not a telling piece of information" for long-term investment performance," Rodack said. He admitted, however, "They're certainly off to a good start."

The student portfolio's increase

### Adding to OSU's endowment fund

Performance of the Student Managed Account's original portfolio			
Company	Feb. 16 value	May 18 value	Gain (loss)
American International Group*	\$ 97,000	\$ 93,675	(\$ 3,325)
Cooper Tire & Rubber Co.	169,375	190,000	20,625
Edison Brothers Stores Inc.*	132,000	142,000	10,000
Fifth Third Bancorp*	160,000	161,250	1,250
Great Lakes Chemical Corp.	184,000	245,000	61,000
J.M. Smucker Co.	204,000	228,000	24,000
The Limited Inc.	106,500	137,250	30,750
M.A. Hanna Co.	119,375	115,625	(3,750)
Procter & Gamble Co.	133,250	153,000	19,750
Rubbermaid Inc.	160,000	193,750	33,750
Walgreen Co.*	124,500	130,875	6,375
	<b>\$1,590,000</b>	<b>\$1,790,425</b>	<b>\$200,425</b>

\*Position sold prior to May 18; the listed May 18 value was the sale price

Dispatch chart

is even more stunning considering that \$1.6 million of the investment was invested in stocks when the account began and no less than 20 percent of the available funds have been in cash.

The original \$1.6 million stock investment has recorded a gain in excess of \$200,000, or 12.6 percent.

Buser and Anthony B. Sanders, an associate finance professor, developed the program that eventually led to the Student Managed Account. Buser acknowledged that good fortune has shined on the portfolio, which is being managed this quarter by M.B.A. students.

"We were very lucky to receive our money after the market had turned down," the finance professor noted. "The market has been very good over the past few months."

The students have bought and sold several positions since their original investment, and they have switched from a portfolio heavily weighted with Ohio companies to one with about half the stock in companies based in the state.

One of the reasons for owning Ohio stock, however, is so students can make research visits to companies and talk with management.

The portfolio currently includes 12 companies: AT&T, Coca Cola Co., Cooper Tire & Rubber Co., Great Lakes Chemical Corp., The Limited Inc., M.A. Hanna Co., Medtronic Inc., PepsiCo Inc., Procter & Gamble Co., Savannah Foods & Industries Inc., J.M. Smucker Co. and Waste Management Inc.

About 30 percent of the account is now in cash, but Buser says that

will decline in the next few weeks.

"The students are currently reviewing several companies for some new (stock) additions in another two weeks," he said.

Before buying stock, students will listen to investment presentations by their classmates. Then they will vote on whether to buy, as well as on how many shares to purchase.

During the initial investment discussions, the most debate was over purchasing stock in The Limited. Although the student analyst who researched the stock suggested the class buy 5,000 shares in the Columbus-based apparel retailer, others protested and just 3,000 shares were purchased.

Since then, the Student Managed Account has raised its holdings in The Limited to 6,000 shares. The stock has proven to be among the account's best performers.

The class also changed its mind on Banc One Corp. and Worthington Industries Inc., selling its positions in them after Banc One announced an additional equity offering and when Worthington initiated a stock buyback program.

Buser said it has been exciting to watch students mull over stock selections and switch gears on a particular equity issue.

"You see them trying to desperately remember things they learned in earlier classes," he stated. "The students are surprised to discover that they actually can use portions of that earlier material."

THE FACULTY OF FINANCE IS PLEASED TO ANNOUNCE THE RESULTS OF THE COMPETITION FOR OSU/SECURITIES INDUSTRY AWARDS FOR 1990. THE WINNERS ARE LISTED BELOW ALONG WITH OTHER RECENT WINNERS.

THE PRUDENTIAL-BACHE AWARD (\$1000)

1990 JOHN BILLS  
1989 GRETCHEN LINKS  
1988 MICHAEL TROPER

THE OHIO COMPANY AWARD (\$1000)

1990 MICHAEL DANIELS  
1989 JOHN WAUGH  
1988 JEROME JOONDEPTH  
1988 MARILYN BRUGGER

THE SHEARSON LEHMAN HUTTON AWARD (\$1000)

1990 DAVID BRITT  
1989 KENNETH CRUTHERS  
1988 ABBY NADER

THE MERRILL LYNCH AWARD (\$1000)

1990 MELANIE NEWCOME  
1989 MARTY KEARNS

THE BOLDEN INVESTMENT PLANNING AWARD (\$1000)

1990 KIMBERLYN CUNNINGHAM

THE NATIONAL ASSOCIATION OF SECURITY DEALERS AWARD (\$500)

1990 NANCY HAGEMIEER  
1989 WILLIAM ROBERTS  
1989 JOHN BECKHAM  
1989 TIMOTHY HORNER  
1988 MICHAEL RYWALSKI

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APPENDIX III

LETTER TO PURCHASE PRIOR PUBLIC SERVICE CREDIT  
June 28, 1990

Presented to the Academic Affairs Committee and  
Adopted by the Board of Trustees July 6, 1990  
(See page 17)

June 28, 1990

Mr. Madison H. Scott  
Vice President for Personnel  
Services and Secretary of  
the Board of Trustees  
113 Archer House  
2130 Neil Avenue  
CAMPUS

Dear Scottie:

As I prepare to leave the Office of President I wanted to write you and express once again my sincere appreciation and gratitude for all the help and support you have given me during the years of my administration. Your wise counsel and ability to take on critical and sensitive issues for the University have been superb. You have contributed much to the success we have achieved and I want to thank you personally and for The Ohio State University.

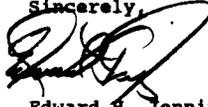
I am also aware of the fact that you have served with distinction two other former Presidents of The Ohio State University, Presidents Fawcett and Enarson. This in and of itself is a remarkable feat. More importantly, however, your demonstrated record of accomplishment attests strongly to your professional ability, commitment and dedication to Ohio State.

Over the last several months I have thought about ways in which the University might recognize your splendid effort. This is not a simple matter. You have served the University for more than 25 years, and during that time you have served as the University's Chief Personnel Officer for 19 years and you have the third longest tenure, 11 years, in the history of the University as Secretary of the Board of Trustees. Given your outstanding record of service to the University I shall recommend to the Board of Trustees the purchase of three years public service credit in the Public Employees Retirement System.

Mr. Madison H. Scott  
June 28, 1990  
Page Two

As I understand it the cost to make this purchase is minimal. You have earned this recognition from the University and I wanted to get this accomplished during my tenure. I am delighted and pleased to be able to recommend to the Trustees this action.

Sincerely,

A handwritten signature in black ink, appearing to read 'E. H. Jennings', with a large, sweeping flourish extending to the right.

Edward H. Jennings

EHJ/dr

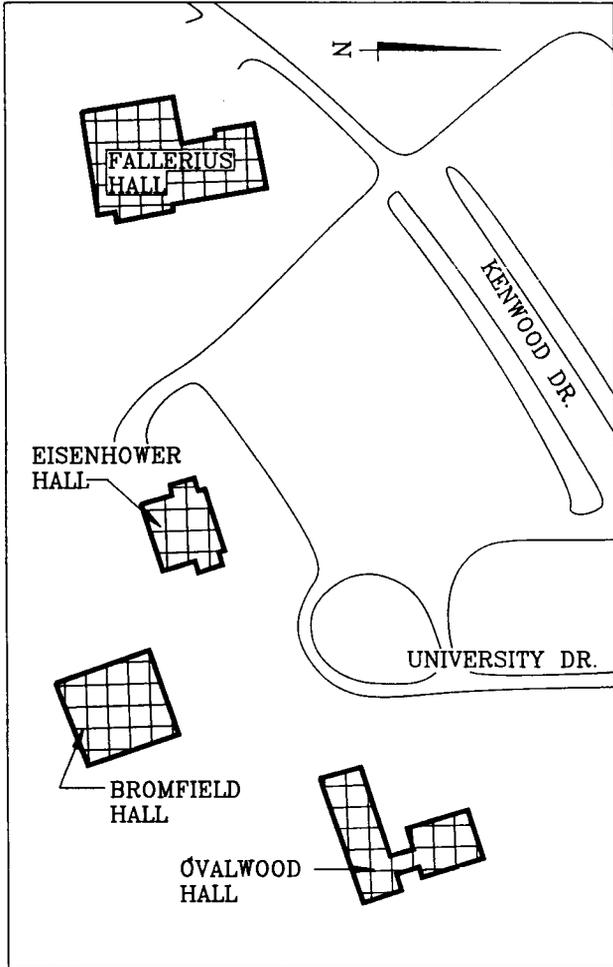
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**APPENDIX IV**

**MANSFIELD CAMPUS - HVAC AND ELECTRICAL REHABILITATION**

**Adopted by the Board of Trustees July 6, 1990  
(See page 103)**

# MANSFIELD CAMPUS – HVAC AND ELECTRICAL REHABILITATION



OFFICE OF BUSINESS AND ADMINISTRATION  
JULY 6, 1990

**APPENDIX V**

**KOTTMAN HALL - BIOTECHNOLOGY CENTER IMPROVEMENTS  
UNIVERSITY HOSPITALS EMERGENCY DEPARTMENT MASTER PLAN -  
PHASE I, HOLDING AREA AND HYPERBARIC OXYGEN THERAPY**

**Adopted by the Board of Trustees July 6, 1990  
(See page 104)**

July 6, 1990

REPORT OF AWARD OF CONTRACTS AND ESTABLISHMENT OF CONTINGENCY FUNDS

KOTTMAN HALL - BIOTECHNOLOGY CENTER IMPROVEMENTS

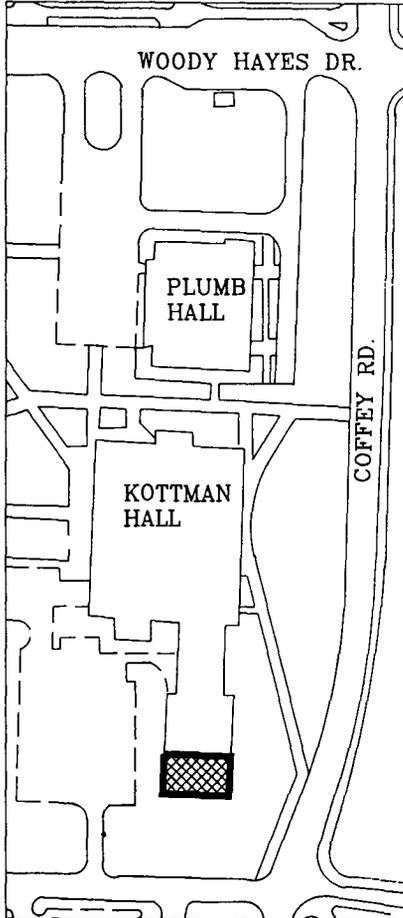
Tabulation of Bids

Bids received by The Ohio State University on April 17, 1990. Bids opened by Tamara Bell and tabulated by Ray Janscik. Awards indicated with an "\*\*".

<u>General Contract</u>	<u>Estimate</u>	<u>Functional Dev *</u>	<u>Gutknecht</u>	<u>Allen Balley</u>
Base Bid	\$176,416.00	\$169,650.00	\$176,052.00	\$179,397.00
Total General Contract	\$176,416.00	\$169,650.00	\$176,052.00	\$179,397.00
Alternates not taken:				
Alt. G-1 (Gravel Bed)	\$2,500.00	\$2,000.00	\$1,029.00	\$2,056.00
Alt. G-2 (Growth Chambers)	.00	400.00	.00	.00
General Contract (Continued)	<u>Ed Ross</u>	<u>M f P</u>		
Base Bid	\$183,780.00	\$186,900.00		
Total General Contract	\$183,780.00	\$186,900.00		
Alternates not taken:				
Alt. G-1 (Gravel Bed)	\$1,988.00	\$1,900.00		
Alt. G-2 (Growth Chambers)	.00	.00		
<u>Plumbing Contract</u>	<u>Estimate</u>	<u>C R Legner *</u>	<u>Ziegler</u>	<u>J A Croson</u>
Base Bid	\$38,000.00	\$22,387.00	\$24,730.00	\$28,357.00
Total Plumbing Contract	\$38,000.00	\$22,387.00	\$24,730.00	\$28,357.00
Alternate not taken:				
Alt. P-1 (Domestic Hot Water)	\$1,000.00	\$600.00	\$395.00	\$1,353.00
Plumbing Contract (Continued)	<u>Farber</u>	<u>Radico</u>	<u>Westland</u>	<u>Ro-Dan</u>
Base Bid	\$29,600.00	\$30,400.00	\$33,600.00	\$56,000.00
Total Plumbing Contract	\$29,600.00	\$30,400.00	\$33,600.00	\$56,000.00
Alternate not taken:				
Alt. P-1 (Domestic Hot Water)	\$1,000.00	\$900.00	\$1,190.00	\$1,400.00

<u>HVAC Contract</u>	<u>Estimate</u>	<u>Swain Mech *</u>	<u>C R Legner</u>	<u>Radico</u>
Base Bid	\$38,800.00	\$37,780.00	\$40,019.00	\$42,000.00
Total HVAC Contract	\$38,800.00	\$37,780.00	\$40,019.00	\$42,000.00
Alternate not taken:				
Alt. H-2 (Condenser Water Supply)	\$3,000.00	\$1,300.00	\$2,700.00	\$1,300.00
<u>HVAC Contract (Continued)</u>	<u>Farber</u>			
Base Bid	\$44,700.00			
Total HVAC Contract	\$44,700.00			
Alternate not taken:				
Alt. H-2 (Condenser Water Supply)	\$1,300.00			
<u>Electric Contract</u>	<u>Estimate</u>	<u>Claggett *</u>	<u>Romanoff</u>	<u>Newco</u>
Base Bid	\$37,550.00	\$53,310.00	\$58,455.00	\$72,191.00
Total Electric Contract	\$37,550.00	\$53,310.00	\$58,455.00	\$72,191.00
Alternates not taken:				
Alt. E-2 (Growth Chamber Service)	\$3,000.00	\$1,410.00	\$1,100.00	\$1,399.00
Alt. E-3 (Time Controlled Outlets)	\$2,200.00	10,667.00	1,800.00	1,405.00

# KOTTMAN HALL - BIOTECHNOLOGY CENTER IMPROVEMENTS



OFFICE OF BUSINESS AND ADMINISTRATION  
JULY 6, 1990

July 6, 1990

REPORT OF AWARD OF CONTRACTS AND ESTABLISHMENT OF CONTINGENCY FUNDS

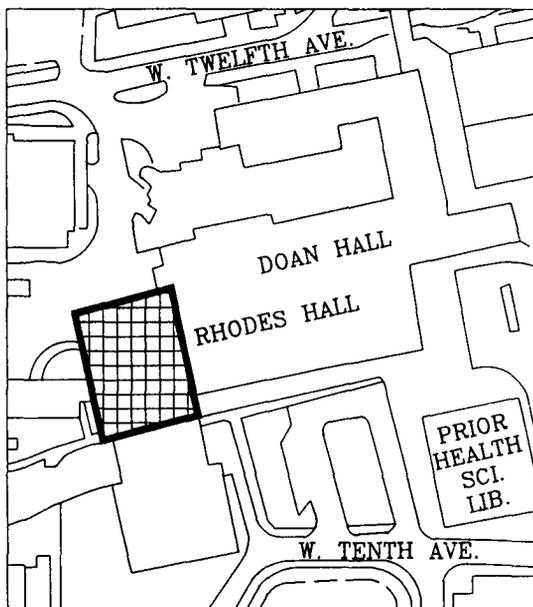
UNIVERSITY HOSPITAL EMERGENCY DEPARTMENT MASTER PLAN - PHASE I, HOLDING AREA AND HYPERBARIC OXYGEN THERAPY

Tabulation of Bids

Bids received by The Ohio State University on May 8, 1990. Bids opened by Tamara Bell and tabulated by Ray Yanscik. Awards indicated with an "\*".

<u>General Contract</u>	<u>Estimate</u>	<u>Ed Ross *</u>	<u>Functional Dev</u>	<u>Cody Zeigler</u>
Base Bid	\$69,000.00	\$52,290.00	\$56,450.00	\$57,700.00
Total General Contract	\$69,000.00	\$52,290.00	\$56,450.00	\$57,700.00
General Contract (Continued)	<u>GM</u>	<u>Allen Baller</u>	<u>Gutknecht</u>	<u>Waller &amp; Lund</u>
Base Bid	\$64,242.00	\$71,570.00	\$72,785.00	\$73,540.00
Total General Contract	\$64,242.00	\$71,570.00	\$72,785.00	\$73,540.00
<u>Mechanical Contract</u>	<u>Estimate</u>	<u>Farber *</u>	<u>J A Croson</u>	<u>Westland</u>
Base Bid	\$137,000.00	\$116,200.00	\$122,789.00	\$125,800.00
Total Mechanical Contract	\$137,000.00	\$116,200.00	\$122,789.00	\$125,800.00
<u>Electric Contract</u>	<u>Estimate</u>	<u>Advantage *</u>	<u>Pover National</u>	
Base Bid	\$37,500.00	\$50,976.00	\$52,774.00	
Total Electric Contract	\$37,500.00	\$50,976.00	\$52,774.00	

UNIVERSITY HOSPITALS  
EMERGENCY DEPARTMENT  
MASTER PLAN, PHASE I  
HOLDING AREA AND HYPERBARIC  
OXYGEN THERAPY



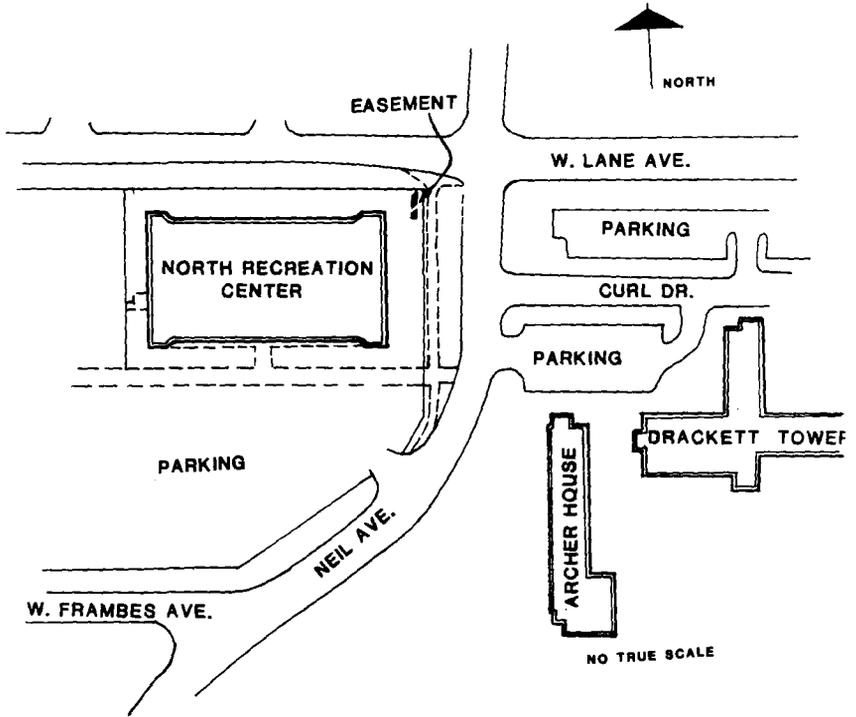
OFFICE OF BUSINESS AND ADMINISTRATION  
JULY 6, 1990

APPENDIX VI

COLUMBUS SOUTHERN POWER COMPANY EASEMENT  
RENEWAL AT 2151 NEIL AVENUE, COLUMBUS, OHIO

Adopted by the Board of Trustees July 6, 1990  
(See page 106)

**COLUMBUS SOUTHERN POWER COMPANY  
EASEMENT RENEWAL**



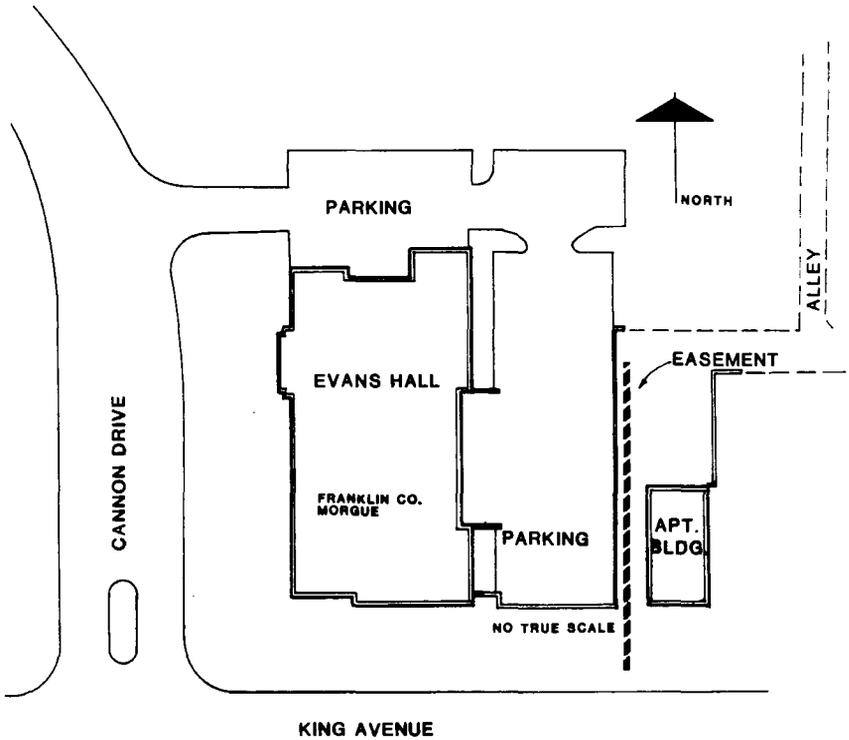
**OFFICE OF BUSINESS AND ADMINISTRATION  
JULY 6, 1990**

APPENDIX VII

COLUMBUS SOUTHERN POWER COMPANY EASEMENT  
RENEWAL AT KING AVENUE AND CANNON DRIVE, COLUMBUS, OHIO

Adopted by the Board of Trustees July 6, 1990  
(See page 107)

**COLUMBUS SOUTHERN POWER COMPANY  
EASEMENT RENEWAL**



**OFFICE OF BUSINESS AND ADMINISTRATION  
JULY 6, 1990**

**APPENDIX VIII**

**LETTER OF APPOINTMENT**

**Adopted by the Board of Trustees July 6, 1990  
(See page 109)**



Board of Trustees

2130 Neil Avenue  
Columbus, OH 43210

LETTER OF APPOINTMENT  
President of The Ohio State University

July 6, 1990

Dr. E. Gordon Gee  
3600 Caddos Parkway  
Boulder, CO 80303

Dear Dr. Gee:

Tuesday, June 26, 1990, at a special Board meeting of the Trustees of The Ohio State University, you were appointed as the eleventh President of The Ohio State University to take office effective September 1, 1990 at an annual salary of \$155,000. That formal action is being supplemented by this letter of appointment more clearly to delineate material terms and conditions of your employment as President. If you are in agreement, please indicate by signing a copy of this letter and returning it to me.

You are to perform the duties incident to the Office of President of The Ohio State University, including, without limitation, the duties set forth in provisions of the Ohio Revised Code, the Bylaws of the Board of Trustees, the Rules of the University Faculty and other actions of the Board of Trustees. Pursuant to those provisions, your appointment as President is a non-tenure accruing appointment. You will serve at the continuing pleasure of the Trustees on an annual basis. Your performance and your salary will be reviewed annually coincident with consideration for annual appointment. Other reviews of your performance as President may be conducted in the discretion of the Chairman of the Board or by vote of a majority of the Board of Trustees.

With your appointment as President, you will be simultaneously granted tenure as a full professor in an appropriate department to be determined by the Trustees, the Provost and by you. Though you will receive no salary for the tenured appointment during the time you are President, you are protected by the rules governing termination of tenured faculty.

Subject to legislative appropriations where necessary, effective September 1, 1990, your annual salary as President will be paid in twelve equal monthly installments, in accordance with the rules and regulations of the University. There will also be funded for you a deferred compensation account of \$20,000 per year for each year of full-time employment. The deferred amount will be credited to a reserve for you on the University books on or before August 30 of each year of full employment.

Your duties will include performing activities related to maximizing the productivity and benefits of alumni and community support, including University-related and public relations functions of the President's Office (resource development). Principally, this involves promoting the University, enhancing its image with the public, and reaching out to various existing and potential constituencies for financial and other support.

As an accommodation to and for the convenience of the University in having the functions of the office of President most efficiently discharged, you will reside in a house provided by the University. The house will be suitable to the President's position and obligations. The preference of you and your wife will be carefully considered in choosing it. Modest living quarters in that facility will be provided to you and your family. The University will maintain it and the grounds on which it is located, providing staff, utilities, furniture, furnishings and insurance, as well as any remodeling necessary to make it suitable for University functions. Staff, equipment, and supplies will be provided sufficient to operate the facility and support the functions to be held in it. This will include, among other things, housekeeping services, and operating expense budgets commensurate with the unusually extensive financial and human resource development efforts you are required to undertake.

Health, disability, and life insurance, along with vacation and sick leave and dependent fee authorization will be provided for you at the same levels and on the same conditions as provided all senior faculty and senior staff members. Until you and your family have been covered under The Ohio State University's health insurance plans long enough to remove the exclusion for pre-existing conditions, continuation of prior coverage at the University of Colorado for any family member with a pre-existing condition will be paid for by this University.

In furtherance of fulfilling your obligations as President for travel on official business, you will be provided a full or intermediate size car and a driver to operate it, when requested by you. Another car will be provided for official use by you or your spouse and for personal use to the extent you desire. You will be expected to buy liability insurance to cover the latter car and you are to provide gasoline and oil when using the car for personal use. You should maintain a log book to accurately reflect the amount and nature of official use.

Likewise you will receive full reimbursement for all reasonable business expenses for entertainment and other official functions including, but certainly not limited to, luncheons, receptions, dinners, official functions for University officials, staff, alumni, friends and those doing business with or recruited by the University. This includes reimbursement for all official travel and incidental expenses consistent with University policy guidelines, for you and your spouse.

Contributions to the State Teachers Retirement System in which you will participate will be made on your behalf according to the provisions of the Ohio Revised Code.

All reasonable expenses incurred by you in the transition from Colorado to Columbus, Ohio, will be reimbursed, including the cost of moving you and your family, your household furniture and personal effects and also expenses for a reasonable number of trips back and forth to Denver to complete business affairs and to arrange transfer of family health therapy programs. In addition, you will receive reimbursement for reasonable attorneys fees and expenses incurred in evaluating, negotiating and memorializing the new employment relationship.

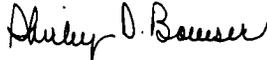
As mentioned earlier, you will be required to live in and use the official residence provided by the University and to use the automobile provided for official functions. Should any questions or concerns arise in connection with use of either, you should consult with the Chairman of the Personnel Committee of the Board of Trustees.

July 6, 1990  
Dr. E. Gordon Gee  
Page 3

Your appointment has been received in an extraordinarily, positive way, both in the University community and the community at large. We are looking forward with great anticipation to your arrival and assumption of your duties as soon as possible. If there is anything we might do to accommodate you in any respect, please let me know.

I wish you all best wishes for a great future at The Ohio State University.

Sincerely,



Shirley D. Bowser  
Chairperson

ACCEPTED:

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E. Gordon Gee

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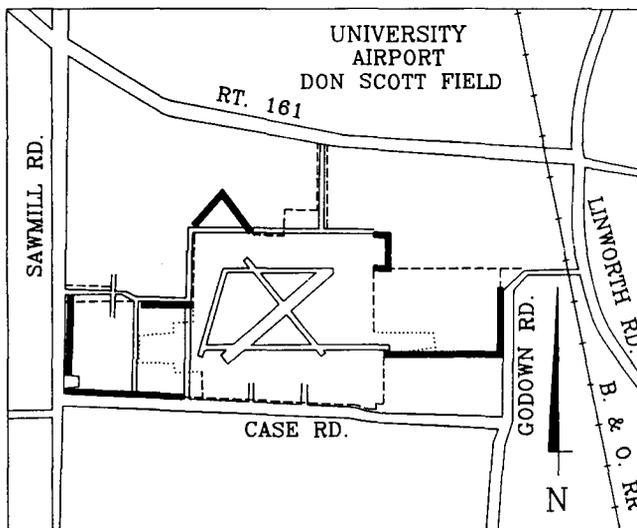
Date

**APPENDIX IX**

**UNIVERSITY AIRPORT RENOVATION - 1989**

**Adopted by the Board of Trustees July 6, 1990  
(See page 110)**

# UNIVERSITY AIRPORT RENOVATION - 1989



- EXISTING FENCE TO REMAIN
- ..... FENCE TO BE REMOVED
- NEW FENCE

OFFICE OF BUSINESS AND ADMINISTRATION  
JULY 6, 1990

**APPENDIX X**

**Degrees Conferred at**

**THE OHIO STATE UNIVERSITY  
COMMENCEMENT CONVOCATION**

**August 30, 1990**

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# Commencement Speaker

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## **John B. Gabel** **Professor of English**

John B. Gabel has illuminated the intricacies of some of the world's greatest literature for thousands of Ohio State students over the past 25 years. The embodiment of achievement in teaching, research, and service, Gabel is a noted scholar, an exceptional classroom teacher, and a willing University citizen.

A specialist in the writings of Shakespeare and his contemporaries, Gabel also has taught the English department's course in the English Bible for many years. He has published translations of Renaissance Latin works and critical editions of Renaissance plays. He also is co-author of a major text on the Bible as literature.

Gabel holds master's degrees in English and in Biblical Literature from Ohio State and Wheaton College. After earning his doctorate at Ohio State in 1961, he joined the faculty of the University of Illinois, where he was an assistant professor and director of introductory literature.

He joined Ohio State's faculty in 1965 as an associate professor of English, becoming a full professor in 1969. He was acting department chair in 1968-69 and in 1971. He served as chair of the department from 1972 to 1976. He has also served as associate dean and acting dean of the Graduate School. He has been a member of the Phi Beta Kappa Election Committee since 1985 and served as its president in 1989-90. He recently served as co-chair of Ohio State's Commission on Graduate Education and is currently a member of the Board of Directors of the Friends of the Libraries. In addition, Gabel has chaired or served on a number of significant search committees, including those for dean of the College of Humanities and for both provost and president of the University.

Active in several professional societies, he chaired the 1988-89 Bibliography Section of the Midwest Modern Language Association. He has published a number of monographs, articles, and reviews in his areas of specialty.

The Ohio State University is pleased to welcome this distinguished alumnus, scholar, and teacher as the 313th commencement speaker.

## Recipients of Honors

### Frank H. Netter Doctor of Arts

As an elucidator of the complexities of human anatomy, Frank H. Netter knows no peer. His superb medical illustrations have enabled generations of anatomists, physiologists, pharmacologists, and physicians to better understand the mysteries of the human body.

Netter began his career as a commercial artist, drawing pictures for calendars, magazines, and advertisements, as well as working with layout, typography, and stage scenic painting. He studied at the National Academy of Design and the Art Student League.

He turned to the study of medicine, believing he was giving up art. After graduating from the New York University School of Medicine and completing an internship and residency at New York City's Bellevue Hospital, he started his surgical practice during the Depression. He began to supplement his income by doing medical illustrations, and, as demand for his illustrations increased, he eventually gave up surgery.

In conjunction with CIBA-GEIGY Pharmaceutical Company, Dr. Netter has created the widely acclaimed *CIBA Collection of Medical Illustrations*, which pictures all the anatomy, embryology, physiology, pathology, and diseases of mankind, system by system. He has completed seven volumes and is at work on a three-part eighth volume dealing with the musculoskeletal system. Dr. Netter has also illustrated for the magazine *Clinical Symposia*. His more than 4,000 medical illustrations, noted for their clarity of concept and meticulous execution, make him one of the most influential physicians of all time.

Dr. Netter has received numerous honors and awards in art and medicine throughout his career, including honorary degrees from the New Jersey College of Medicine and Dentistry, Georgetown University, and the University of Sherbrooke, Canada. In 1986, the Netter Library was dedicated at CIBA-GEIGY's headquarters in Summit, N.J.

Netter now lives and works in Palm Beach, Fla., and has traveled extensively to gather information for his illustrations. The Ohio State University proudly recognizes this eminent scientist, influential educator, and gifted artist.

### Robert W. Wissler Doctor of Science

Robert W. Wissler has gained the respect of colleagues and students alike during his long and distinguished career as a clinical and experimental pathologist. A 1939 graduate of Earlham College in Indiana, Wissler entered the University of Chicago School of Medicine that same year. His studies were interrupted during World War II when he withdrew to do Armed Forces-sponsored nutritional and immunologic research for which he received civilian honors in 1944.

After earning his M.S., Ph.D., and M.D. degrees from the University of Chicago, Wissler remained in that university's Department of Pathology. In 1957 he was named full professor and chairman, a position he held for 15 years. He also has served as scientific director of the Specialized Center of Research in Atherosclerosis at the University of Chicago, as program director of several training programs, and is emeritus Donald N. Pritzker Distinguished Service Professor of Pathology.

Wissler's ground-breaking work in the pathogenesis of atherosclerosis has had profound impact on modern medicine. He is a pioneer in advocating nutritional modifications of the American diet to decrease incidence and extent of atherosclerosis. In 1985 he was named program director of a \$25 million multicenter cooperative study on the "Pathobiological Determinants of Atherosclerosis in Youth," sponsored by the National Heart, Lung, and Blood Institute. As a result of his support, The Ohio State University Biomedical Engineering Center was designated a central laboratory for the study.

His many original contributions to the fields of nutrition, immunology, pathology, and experimental pathology are reflected in an extensive bibliography of published works. He has held academic appointments as a visiting scientist throughout the world, including Switzerland, Japan, and Australia, and his many honors include honorary degrees from the University of Siena in Italy and the University of Heidelberg in Germany. Wissler received the American Medical Association Joseph B. Goldberger Award In Human Nutrition in 1979 and the American Association of Pathologists Gold Headed Cane Award in 1983.

He is an enthusiastic teacher and tireless promoter of training opportunities in his field. More than 150 students, from undergraduates to residents, have passed through his laboratory over the last 40 years. It is fitting that The Ohio State University honor this eminent scientist, teacher, and humanitarian.

## Recipients of Honors

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### **Francille M. Firebaugh Distinguished Service Award**

A scholar of international repute, Francille M. Firebaugh has travelled the world in search of better understanding of the family system. On the homefront, she has been an efficient and productive university administrator, first at Ohio State and now at Cornell University.

Firebaugh was named dean of Cornell's College of Human Ecology in 1988, the seventh person to hold that title in the college's 65-year history. She received her Ph.D in home economics from Cornell in 1962 after completing her undergraduate studies at the University of Arkansas and receiving her master's degree from the University of Tennessee.

A specialist in home management and family economics, Firebaugh joined the Ohio State faculty in 1962 as assistant professor in the School of Home Economics, and became a full professor in 1969. During her 26 years at Ohio State, Firebaugh served the University in a variety of key academic and administrative positions, including director of the School of Home Economics (now the College of Human Ecology); associate dean of the College of Agriculture and Home Economics; acting vice president for agricultural administration and executive dean for agriculture, home economics, and natural resources; associate and acting provost; and, finally, as vice provost for international affairs.

Firebaugh's contributions to The Ohio State University community were invaluable in helping to create the Office of International Affairs in 1984, in elevating home economics to college status, in utilizing the Molly Caren Agricultural Center as permanent site of the Ohio Farm Science Review, and in planning for the University's part in the 1992 celebrations.

Her academic life has always had a global perspective. Teaching and consultancies have taken her to Afghanistan, Egypt, India, and Malaysia. In 1988, Phi Beta Delta, an honor society for international affairs, awarded her its first Faculty Award for Outstanding Accomplishments. She is listed in *Who's Who of American Women* and *Who's Who of America*. As a family resource management specialist, she has authored or co-authored numerous scholarly articles and co-authored two books.

## The Graduate School

Dean: Roy A. Koenigsnecht

### Doctor of Musical Arts

**Joyce Francine Davis**, Middleport; B.Mus. (Florida State University); M.Mus. (Northwestern University); *Music*  
*Dr. Richard E. Burkart*

### Doctor of Philosophy

**Susan Renee Abbott**, Marion; B.S. (Bowling Green State University); M.S. (Corpus Christi State University);  
*Education*  
*Dr. Timothy E. Heron*

**Kevin Edward Anderson**, Toledo; B.S. (University of Toledo); M.A.; *Psychology*  
*Dr. Lyle D. Schmidt*

**Sonny Sultan Ariss**, Toledo; B.B.A., M.B.A. (University of Toledo); *Business Administration*  
*Dr. Jeffrey D. Ford*

**Martha Addison Armstrong**, Columbus; B.A. (Ohio Dominican College); M.S.W. (Boston College); *Social Work*  
*Dr. Beverly G. Toomey*

**Michael Stewart Bailey**, Atlanta, GA; B.A. (Clark College); M.A., M.A., M.A.;  
*Political Science*  
*Dr. Samuel C. Patterson*

**David Francis Baits**, Powell; B.S.Ed., M.A.T. (Bowling Green State University);  
*Education*  
*Dr. I. Phillip Young*

**Julie Ann Barnes**, Mansfield; B.S., B.S.Ed., M.A., M.S. (Bowling Green State University); *Computer and Information Science*  
*Dr. Sandra A. Mamrak*

**Robert Craig Boldry**, Columbus; B.S.Pharm., M.S.; *Pharmacy*  
*Dr. Norman J. Uretsky*

**Kenneth Aubrey Borokhovich**, Bethel; B.A., M.B.A.; *Business Administration*  
*Dr. Rene M. Stulz*

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*Dr. Prabir K. Dutta*

**Pamela Jelly Boyers**, Plain City; B.S.Nurs. (Royal Masonic School of Nursing); M.A.;  
*Education*  
*Dr. Joseph J. Quaranta*

**Tinia Michelle Bradshaw**, Columbus; B.S.Ed., M.A.; *Sociology*  
*Dr. J. Craig Jenkins*

**Rhonda Reagh Brode**, Mt. Vernon; B.A., M.S.W.; *Social Work*  
*Dr. Roberta G. Sands*

**Charles Wayne Brown**, Columbus; B.S. (University of Texas at Arlington); M.S. (Oklahoma State University); *Computer and Information Science*  
*Dr. Richard E. Parent*

**Jocelyn Maree Brown**, Lexington; B.A. (Wittenberg University); M.A.; *Education*  
*Dr. Jack A. Naglieri*

**Pamela Ann Burdette**, Georgetown, KY; B.S. (Kentucky State University); M.S.; *Human Ecology*  
*Dr. Joan E. Gritzmacher*

**Don Edward Burgess**, Friendsville, PA; B.S. (Pennsylvania State University);  
*Physics*  
*Dr. Fernand A. Hayot, Dr. William F. Saam*

**Sandra Roberts Byers**, Worthington; B.S.N. (Cornell University); M.S.;  
*Education*  
*Dr. Brad L. Mitchell*

**Susan Elaine Calovini**, Glencoe; B.S. (Ohio University); M.A.; *English*  
*Dr. James P. Phelan*

**Animesh Chakraborty**, Calcutta, India; M.S. (Indian Institute of Technology);  
*Physics*  
*Dr. Arthur J. Epstein*

**Kalok Chan**, Hong Kong, Hong Kong; B.S. (Chinese University of Hong Kong);  
*Business Administration*  
*Dr. Rene M. Stulz*

**Susanne Roberta Chandler**, Columbus; B.M. (California State University); M.A. (University of California at Davis);  
*Education*  
*Dr. Judith L. Green*

**Amy Ruth Chivington**, Miamisburg; B.Mus.Ed. (Otterbein College); M.A.;  
*Music*  
*Dr. Patricia J. Flowers*

**Chien Chou**, Taipei, Taiwan, R.O.C.; B.A. (National Taiwan University); M.S.Ed. (Indiana University); *Education*  
*Dr. Marjorie A. Cambre*

**John David Chovan**, Columbus; B.S.Aud.Rec., B.S.E.E., M.S.; *Biomedical Engineering*  
*Dr. Manjula B. Waldron*

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**Elaine Constance Collins**, Columbus; B.A. (University of California at Los Angeles); M.A. (University of California at Davis);  
*Education*  
*Dr. Judith L. Green*

**Kathryn Ann Corl**, Johnstown, PA; B.A. (Slippery Rock State College); M.A.;  
*Education*  
*Dr. Neil F. Johnson, Dr. Gilbert A. Jarvis*

**Jose Filipe Garcia Correia Guedes**, Lisbon, Portugal; B.A. (Portuguese Catholic University); M.A.; *Business Administration*  
*Dr. Rene M. Stulz*

**Daniel Gerard Danahey**, Frankfort, IL; B.S. (Saint John's University); *Anatomy*  
*Dr. Robert M. DePhilip*

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*Dr. Richard L. McCreery*

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*Dr. Philip S. Perlman*

**Joseph Anthony DiDonato**, Akron; B.A. (Hiram College); M.S. (University of Akron); *Molecular, Cellular, and Developmental Biology*  
*Dr. Mark T. Muller*

**Kimberly Sue Druschel**, Slippery Rock, PA; B.A. (Franklin and Marshall College); *Mathematics*  
*Dr. Michael W. Davis*

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**Kathryn A. Eaton**, Columbus; B.A. (Amherst College); D.V.M. (Tufts University); *Veterinary Pathobiology*  
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- Gregory Alan Levitt**, Memphis, TN; B.A. (Capital University); M.A.; *Education*  
Dr. M. Eugene Gilliom

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*Dr. William W. Wayson*
- Ralph Gerald Nelms**, Stone Mountain, GA; B.A., M.F.A. (University of North Carolina at Greensboro); *English*  
*Dr. Andrea A. Lunsford*
- Mark William Nelson**, Des Moines, IA; B.B.A. (Iowa State University); M.A.; *Accounting and Management Information Systems*  
*Dr. Andrew D. Bailey, Jr.*
- Frank Daniel Nevius**, Springfield; B.S.Bus.Adm. (Bowling Green State University); M.S. (University of Oregon); *Communication*  
*Dr. Joseph M. Foley*
- Philipp Martin Niedenzu**, Lexington, KY; B.A. (University of Kentucky); *Chemistry*  
*Dr. Sheldon G. Shore*
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*Dr. Jennie L. Nickel*
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*Dr. John S. Hsia*
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*Dr. Janet F. Laster*

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Dr. Duane F. Marble
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Dr. David Hammer
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- Billie Jane Shire**, Hammond, IN; A.B., M.S. (Miami University); *Psychology*  
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- Vincent James Sidoti**, Rocky River; B.Mus. (Cleveland Institute of Music); M.Mus.; *Music*  
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- Kent Donald Sternitzke**, Bowling Green; B.S. (University of Notre Dame); *Chemistry*  
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- Heidi Stori**, LaGrange; B.A. (Capital University); M.A.; *Philosophy*  
Dr. Donald C. Hubin
- Richard Joseph Strittmatter**, Silver Spring, MD; B.S. (Wake Forest University); *Chemistry*  
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- Laszlo Szabo**, Csongrad, Hungary; Master's (F.A.T.E.); *Mathematics*  
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Dr. Bogdan Baishanski
- Sidney Arthur Thrower**, Columbus, B.A., M.A. (Southeast Missouri State University); *Psychology*  
Dr. Philip M. Clark
- Jen Tuw**, Miao-Li, Taiwan, R.O.C.; B.S. (National Tsing Hua University); M.S. (University of Texas at El Paso); *Chemistry*  
Dr. Prabir K. Dutta
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**Elizabeth Lee Shoaf**, Orient; B.S.Ed.  
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**Margaret Walburga Simmons**, Columbus;  
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**Kimberly Lynn Slack**, New Concord;  
B.A. (Muskingum College); *Education*

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**Shelly Hamblin Smith**, Tetonia, ID; B.S.  
(Brigham Young University); *Education*

**Tanya Yvette Smith**, Columbus; B.A.  
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**Shannon Kay Smithey**, Duncanville, TX;  
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**Camilla Vedette Stafford**, Atlanta, GA;  
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- Stephanie J. Stickford**, Dublin; B.F.A.; *Music*
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- Mary Ann Stratman**, Secane, PA; B.A. (Xavier University); *English*
- David Allen Stroh**, St. Marys; B.S. (Miami University); *Mathematics*
- Marcia Jeanette Strong**, High Point, NC; B.S. (Bennett College); *Education*
- Lawrence Neil Strout**, Baldwinville, MA; B.A. (University of Massachusetts); *Journalism*
- Lucia F. Sullivan**, Powell; B.A. (Georgia State University); *Education*
- Sharon Ann Sutton**, Westerville; B.S. (Oklahoma State University); *Education*
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- Kelly Ann Tederous-Ziegler**, Dunkirk, NY; B.S.Ed. (State University of New York at Oneonta); *Education*
- Umesh Thakkar**, Calcutta, India; B.S.C.I.S.; *Education*
- Ann Margaret Tierney**, Columbus; B.A. (Emory University); *Psychology*
- Susan Elizabeth Tippett**, Whitehall; B.A.; *Art Education*
- Victoria Ann Titus**, Marion; B.S.Ed.; *Education*
- Lee Greiner Tracy**, Galena; B.S.Ed. (Bowling Green State University); *Education*
- Jacqueline Sue Traini**, Grove City; B.S.Ed.; *Education*
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- Ann Klisz Urse**, Dayton; B.S.; *Education*
- Sara Jane VanMeter**, Bloomington, IN; B.A. (University of Illinois); *Public Policy and Management*
- Tracy Anne Vezdos**, Avon Lake; B.A.; *English*
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- Kim Marie Walker**, Logan; B.S. (Wright State University); *Education*
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- Jean Dilgard Westin**, Wooster; B.S.Ed.; *Education*
- Marion Gail Whiteford**, Columbus; B.S. (Southern Nazarene University); *Psychology*
- Marie Theresa Whitehead**, Delaware; B.S.H.E.; *Education*
- Mandy Kathleen Whitehouse**, Richmond, VA; B.A. (Virginia Commonwealth University); *Black Studies*
- Cynthia Louise Wilkey**, Dayton; B.A. (Oakland University); *History*
- Jonathan Scot Williams**, Columbus; B.A. (Kenyon College); *Education*
- Mark David Winchester**, Sacramento, CA; B.A. (California State University at Sacramento); *Theatre*
- Sharon Ruth Windzigi**, Powell; B.A. (Drew University); *Education*
- Julia Lynn Winkler**, Columbus; B.A.; *Education*
- Randy L. Winland**, Newton Falls; B.A. (Anderson University); *Education*
- Michele Lynn Winship**, Gahanna; B.S.Ed.; *Education*
- Cheryl Anne Wipert**, Columbus; B.F.A.; *Art Education*
- Craig Herman Wood**, Springfield; A.B. (Stanford University); M.B.A. (University of Chicago); *Business Administration*
- Myong Ok Wooten**, Songtan, South Korea; B.S.Ed.; *Mathematics*
- Michelle Diane Wright**, Frederick, MD; Bachelor's (Dartmouth College); *Black Studies*
- Tao Xu**, Beijing, P.R.C.; B.S. (Dalian Railway Institute); *Economics*
- Kejian Yang**, Tianjin, P.R.C.; B.S., M.S. (Nankai University); *Economics*
- Greتل Cunningham Young**, Columbus; B.A.; *English*
- Nancy Lee Youse**, Grove City; B.Mus.Ed.; *Music*
- Norberto Zuniga**, San Jose, Costa Rica; Bachelor's (Universidad de Costa Rica); *Economics*
- Priscilla E. Zwilling**, Columbus; B.S.Ed.; *Education*
- Master of Business Administration**
- Kent Duane Stuckey**, Westerville; B.A. (Otterbein College); J.D. (University of Michigan); *Business Administration*
- Master of City and Regional Planning**
- Jane Booton Hoffman**, Columbus; B.A. (Denison University); *City and Regional Planning*
- Mulyono Sadyohutomo**, Semarang, Indonesia; Sarjana (Gadjah Mada University); *City and Regional Planning*
- Sara Jane VanMeter**, Bloomington, IN; B.A. (University of Illinois); *City and Regional Planning*
- Dennis Michael Vicchiarelli**, North Canton; B.A. (Bowling Green State University); *City and Regional Planning*
- Heyward Jimmy Washington**, Effingham, SC; B.S. (Morris College); *City and Regional Planning*
- Widiarto**, Bandung, Indonesia; Sarjana (Institut Teknologi Bandung); *City and Regional Planning*
- Master of Fine Arts**
- Michael Todd Arrigo**, Columbus; B.F.A.; *Art*
- Brian Scott Benefield**, Arlington, VA; B.A. (College of William and Mary); *Art*
- Kraig Alan Binkowski**, Detroit, MI; B.F.A. (Wayne State University); *Art*
- Lisa Faye Bumbaugh Vottero**, Columbus; B.F.A. (Ohio Northern University); *Art*
- John Peter D'Agostino**, Columbus; B.F.A. (Pratt Institute); *Art*
- Deborah Ann Dohne**, Alfred, NY; B.F.A. (Alfred University); *Art*
- Wendy Sue Ernst**, Des Moines, IA; B.F.A. (University of Minnesota); *Art*
- Margaret Joann Evans**, Reynoldsburg; B.F.A.; *Art*
- Michael A. George**, Duluth, MN; B.F.A. (University of Utah); *Dance*
- Glenn Edward Holmstrom**, Erie, PA; B.F.A. (Columbus College of Art and Design); *Art*
- Mark Steven Merline**, Camp Douglas, WI; B.A. (University of Wisconsin); *Art*
- Edward Thomas Schmid**, Glenview, IL; B.A., B.F.A. (University of Illinois at Champaign-Urbana); *Art*
- Scott Michael Short**, Marion; B.F.A.; *Art*

**Robin Anne Stanaway**, Lebanon, PA; B.F.A. (Minneapolis College of Art and Design); *Art*

#### **Master of Labor and Human Resources**

**Jeffery Allen Meiring**, St. Marys; B.A.; *Labor and Human Resources*

#### **Master of Landscape Architecture**

**Brian David Benedict**, Columbus; B.S. (Ohio University); *Landscape Architecture*

**Terry Ann Klein**, Huron; B.S. (Bowling Green State University); *Landscape Architecture*

**Steven Frederick Studenmund**, Bellville; B.S.Nat.Res.; *Landscape Architecture*

**Traci Nanette Taylor**, Columbus; B.A. (Miami University); *Landscape Architecture*

#### **Master of Liberal Studies**

**Tammy Anne Birk**, Mayfield; B.A. (Miami University); *Liberal Studies*

**Susan Jill Myers**, Columbus; B.S.Al.Hth.Prof.; *Liberal Studies*

#### **Master of Music**

**Mei-Na Hsu**, Taipei, Taiwan, R.O.C.; Bachelor's (National Institute of the Arts); *Music*

**Janet Beth McMahon**, Chillicothe; B.Mus.; *Music*

#### **Master of Public Administration**

**May-Hiong Boong**, Ipoh, Malaysia; B.A. (Ohio University); *Public Policy and Management*

#### **Master of Science**

**Laura Jean Adkins**, Huntington, WV; B.A., M.S. (Marshall University); *Statistics*

**James Warren Albritton**, Cleveland; A.B. (Lincoln University); M.A. (Antioch University); M.L.H.R.; *Agricultural Economics and Rural Sociology*

**James Patrick Allen**, South Bend, IN; B.S. (University of Notre Dame); *Computer and Information Science*

**William Wheeler Allen**, Columbus; B.S.E.E.; *Electrical Engineering*

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**Mi Kyeong Bae**, Seoul, South Korea; B.A. (Ewha Woman's University); *Human Ecology*

**Tamara Masters Baker**, Powell; B.S.Nurs. (Franklin University); *Nursing*

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**Sandra Lynne Bennett**, Weston, CT; B.S. (Michigan State University); *Horticulture*

**Leora Mary Berry**, Dayton; B.S.N. (Wright State University); *Nursing*

**Peter Anthony Beyerle**, Dayton; B.E.E. (University of Dayton); *Electrical Engineering*

**Samir Bhargava**, Delhi, India; B.Tech. (Indian Institute of Technology); *Mechanical Engineering*

**Peter William Bickel**, Reynoldsburg; B.S., O.D.; *Physiological Optics*

**Steven Alan Bishop**, Northwood; B.S.E.E. (G.M.I. Engineering and Management Institute); *Industrial and Systems Engineering*

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**Mary Jo Elizabeth Connelly**, Dublin; B.S.N. (Pennsylvania State University); *Nursing*

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- Jay Mitchell Harrison**, Abernathy, TX; B.S. (Texas Agricultural and Mechanical University); *Statistics*
- Julie Ann Hass**, Highland, MI; B.S., D.V.M. (Michigan State University); *Veterinary Clinical Sciences*
- Michael J. Hecht**, Dayton; B.S.M.E. (University of Dayton); *Computer and Information Science*
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- Gayle Pauline Huston**, Zanesville; B.S.Nurs. (Capital University); *Nursing*
- Chien-Seng Hwang**, Taipei, Taiwan, R.O.C.; B.S. (Fu-Jen Catholic University); *Food Science and Nutrition*
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- Thawi Iwagoshi**, Bangkok, Thailand; B.S.Cer.E.; *Ceramic Engineering*
- Benjamin Franklin James IV**, Sylvania; B.S.M.E.; *Biomedical Engineering*
- Joan Suzette Jeffrey**, Waverly, NE; B.S. (Nebraska Wesleyan University); D.V.M.; *Poultry Science*
- Edward Charles Kapraly**, Warren; B.A. (Hiram College); *Entomology*
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- Jenn-Yeu Nieh**, Kaohsiung, Taiwan, R.O.C.; B.S. (National Cheng-Kung University); *Chemical Engineering*
- Wiroj Ninlapong**, Bangkok, Thailand; B.S. (Thai Naval Academy); *Welding Engineering*
- John Richard Nogaj**, Winfield, IL; B.A. (Kenyon College); *Pharmacology*
- Cynthia Marie Norden**, Hilliard; B.S.H.E.; *Human Ecology*
- Peter Olah**, Gyongyos, Hungary; M.S. (Godollo Agricultural University); *Natural Resources*
- Jennifer Anne Ormond**, Akron; B.S.Nurs.; *Nursing*
- Raho Oumghar**, Fes, Morocco; B.S. (National Agricultural School); *Agricultural Economics and Rural Sociology*
- Richard Wayne Packard**, Columbus; B.A. (Anderson University); *Electrical Engineering*

**Jaechan Park**, Seoul, South Korea; B.A., M.S. (Seoul National University); *Veterinary Pathobiology*

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**Joseph Anthony Pultz**, Columbus; B.S., M.Appl.Stat.; *Statistics*

**Ming Qi**, Kunming, P.R.C.; Bachelor's (Wuhan Technical University of Surveying and Mapping); *Geodetic Science and Surveying*

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**Mary JoAnne Roush**, Lynchburg; B.S.; *Environmental Biology*

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**Edward Harold Rugh**, Columbus; B.S.Pharm., D.D.S.; M.S. (Wright State University); *Dentistry*

**Deborah Jean Rumsey**, LaCrosse, WI; B.S. (University of Wisconsin); M.S. (Illinois State University); *Statistics*

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**Thomas Aaron Schneider**, Chillicothe; B.S. (University of Dayton); *Natural Resources*

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**Parvez Akhtar Shah**, Teri-Peshawar, Pakistan; B.S.E.E. (University of Engineering and Technology); *Electrical Engineering*

**Bonita Florence Shelby**, Cleveland Heights; B.A. (Kenyon College); *Pathology*

**Gangshu Shen**, Beijing, P.R.C.; B.Eng. (Beijing Aeronautical Institute); *Industrial and Systems Engineering*

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**Daniel Stewart Stoops**, Westerville; B.S. (University of Pittsburgh); *Computer and Information Science*

**Margaret May Strow**, Custar; B.S.Agr. *Agricultural Education*

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**Malcolm Lincoln Thomas**, St. Croix, VI; B.S. (Columbia Union College); *Computer and Information Science*

**Sandeep Tilak**, New Delhi, India; B.Tech. (Indian Institute of Technology); *Mechanical Engineering*

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**Stephen Platt Treat**, Dublin; B.S. (University of California at Los Angeles); *Physics*

**Sharon Jean Wainshilbaum**, Worcester, MA; B.A. (University of Massachusetts); *Plant Pathology*

**Matthias Werner Waliszewski**, Berlin, West Germany; B.S. (Technical University of Berlin); *Biomedical Engineering*

**Chuantao Wang**, Chongqing, P.R.C.; B.S., M.S. (Chongqing University); *Metallurgical Engineering*

**Ko-Ming Wang**, Kaohsiung, Taiwan, R.O.C.; B.S. (Chun Yuan University); *Civil Engineering*

**Terri Linda Watson**, New Orleans, LA; B.S. (University of New Orleans); *Computer and Information Science*

**Susan Bush Welch**, Logan; B.S.Nurs. (Capital University); *Nursing*

**Melanie Ann West**, Marengo; B.S.H.E.; *Human Ecology*

**Cathy Elaine Wilson**, Jerusalem; B.S. (Ohio University); *Human Ecology*

**Jane Ann Winters**, Newark; B.S. (Capital University); *Nursing*

**Zhenjun Wu**, Shanghai, P.R.C.; B.S., M.S. (Shanghai Teacher's University); *Mathematics*

**Darryl Tadao Yamashita**, Novato, CA; B.A. (University of California); *Statistics*

**Larry Yet**, British Columbia, Canada; B.S. (University of British Columbia); *Chemistry*

**Jiang Yue**, Yangquan, P.R.C.; B.S. (Taiyuan University of Technology); M.S. (Institute of Coal Chemistry); *Chemistry*

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**Xiaoya Zha**, Tunxi, P.R.C.; B.S. (Anhui University); *Mathematics*

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**Ming Zheng**, Fuzhou, P.R.C.; Bachelor's, Master's (Xiamen University); *Statistics*

**Gregg Milo Zuberbier**, Green Bay, WI; B.S. (University of Wisconsin at Green Bay); *Zoology*

## Master of Social Work

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**Linda May Evelsizer**, Worthington; B.S.Ed. (Ashland College); *Social Work*

**Megan Krivchenia**, Marietta; B.F.A. (Ohio University); *Social Work*

**Sara Sue Niemeyer**, Worthington; B.A. (College of Wooster); *Social Work*

**Cheryl Ray Pettit**, Worthington; B.S.Soc.Work; *Social Work*

**Jill Chiles Slicer**, Worthington; B.S. (Bowling Green State University); *Social Work*

**Andrea Marie Tuscan**, Canton; B.S.Soc.Wel.; *Social Work*

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College of Humanities  
College of Mathematical and Physical Sciences  
College of Social and Behavioral Sciences

## College of the Arts

Dean: Donald Harris

### Bachelor of Arts

Stephen Colvin Anfang, Novelty  
Lawrence Maxwell Barnes, Cranford, NJ  
Angela Marie Baumann, Columbus  
Amy Louise Benson, Findlay  
Karl Raymond Bury, Fremont  
Jeffrey Earl Dodson, West Milton  
Anne Susan Finesilver, Pepper Pike  
Sean Arthur McCarter, Mentor  
Tracey Lynn Schmiedt, Cleveland Heights  
Aida M. Stanish, Columbus  
Brian Keith Wigington, Columbus

### Bachelor of Fine Arts

Ahmet Kemal Aydogan, Columbus  
Queen Esther Brooks, Columbus  
Wendy Blythe Domes, Carpentersville, IL  
Janice Mary Dunn, Sacramento, CA  
Theresa Ann Gates, Cincinnati  
David Michael Larsen, Columbus  
James Ivan Phillips, Louisville  
Stacie Lynn Quackenbush, Midland, MI  
Susanna Margaret Richards, Beavercreek  
Minoru Sakakura, Yokkaichi, Japan  
Scott Owen Simonson, North Olmsted  
Milicia Vuletic, Upper Sandusky

### Bachelor of Music

Lee-Soo Bailey, Columbus

### Bachelor of Art Education<sup>1</sup>

Patricia Ann Rinehart-Irwin, Bellefontaine  
Lisa Renee Ruh, Grove City  
Natalie Wright, Carroll

<sup>1</sup>Offered by the College of the Arts

### Bachelor of Art Education<sup>1</sup>

Jennifer Lee Jenkinson, Columbus  
Tamar Kern, Akron  
Amy Rene Klusman, Cincinnati

### Bachelor of Music Education<sup>1</sup>

Denise Renee Boucher, Ashland  
Stephanie Kay Mansperger, Columbus  
Douglas David Ready, Warren

### Bachelor of Science in Industrial Design

Benjamin Joe Fredritz, Marion  
Dena Ann Friedman, Toledo  
Christopher John Lewis, Lawrenceburg, IN  
Keith Edward Novicki, Columbus  
Jennifer Lynn Sahr, Columbus  
Cristina Silverio, Columbus  
Mark Edward Wilford, Columbus

## College of Biological Sciences

Dean: Gary L. Floyd

### Bachelor of Science

Rockey Kumar Bandlish, Sunam, Punjab, India  
Subroto Banerji, St. Louis, MO  
Lynn Marie Bleisath, Bay Village  
Christopher Ward Colvin, Columbus  
Paul Anthony Conti, Poland  
Kyle Rachel Dreyfuss, Shaker Heights  
Christian Martin Fisher, Sylvania  
Kenneth Michael Keisel, Pittsburgh, PA  
Stephen Joseph Kerpsack, Canfield  
James Edwin Malek, Centerburg  
Kathy Lynn Miller, Lancaster  
Gregory Nelson Orr, Columbus  
Troy Adam Reeves, Akron  
Patricia Diane Sheets, Columbus  
Todd R. Tibbs, Port Clinton  
Elizabeth Suzanne Toth, North Canton  
Dawnne O'Neal Wise, Columbus

## College of Humanities

Dean: G. Micheal Riley

### Bachelor of Arts

Stephanie Alice Aman, Aberdeen, SD  
Carey Mark Arnold, Beachwood  
Lisa Nicholson Baird, Upper Arlington  
Nicholas Robert Barrett, Kansas City, MO

<sup>1</sup>Offered jointly by the College of the Arts and the College of Education

Véronique Anjannette Beckrum, Columbus

Leslie Ann Berlin, Wilmington  
Barbara Lynn Born, Columbus  
Annette Margaret Borsos, Lorain  
David William Brackbill, Columbus  
David Matthew Brown, St. Marys  
Heidi Nova Carman, Xenia  
Amy Helene Cohen, Livingston, NJ  
Terrance Leo Coleman, Crestline  
Linda Sue Daily, Brookville  
James Thomas Danes, Niles  
Robert Edward Dennison, Marion  
Carla Elizabeth Diggins, Media, PA  
Christina Jacqueline Dreve, Columbus  
Christopher Richard Estelle, Columbus  
Paul Douglas Fenstermaker, Columbus  
John Fokas, Columbus  
Steven Andrew Fouts, Granville  
Harumi Fujimoto, Encinitas, CA  
Kimberly Ann Gower, South Euclid  
Hilary Lynn Hertzoff, Bexley  
Mark Paul Hobt, Columbus  
Jay Christopher Houston, Columbus  
Christine Michael Hufford, Fremont  
Carol Jendre Ido, Orange Village  
Kimberly Elaine Jenkins, Cincinnati  
Jennifer Kathleen Jolley, Reynoldsburg  
Joel Martin Kemelhar, Mayfield Heights  
Nazanin Nana Khodadad, Cincinnati  
Michael Wesley Kingery, Columbus  
Frederic William Kirchner, Columbus  
David Denton Koch, Columbus  
Amy Michelle Kossiver, Cleveland Heights  
Colleen Joanne Koval, Lorain  
Michael Anthony Kovinchick, Mansfield  
Jon Thaddaeus Lamb, Jr., Columbus  
Kathleen R. Lauri, Dayton  
Lynn Ellen Lebit, Lyndhurst  
Jeffrey William Leonard, Delaware  
Sherry Lynn Levasseur, Orient  
Theresa Marie Locke, Columbus  
Julie Marie Lynch, Columbus  
Nezha Marsil, Rabat, Morocco  
Michael Charles McConnell, Centerville  
Amy Susan McKee, Chesterfield, MO  
Andrew John McKill, Sidney  
Anthony William Meyers, Lancaster  
Rebecca Ann Moffat, Cincinnati  
Elizabeth Sue Myers, Mt. Blanchard  
Amy Joy Nader, Warren  
Kimberley Ann Ochalek, Bay Village  
Robert Stuart Ogletree, Sylvania  
Kenneth Stephen Oravetz, Elyria  
William David Otworth, Portsmouth  
LaMia Claudette Pendleton, Marengo  
Patricia Diane Priedeman, Upper Arlington  
Kevin Charters Rainey, Columbus  
Sean McKay Ramsay, Cincinnati  
Michelle Marie Ridder, Columbus  
Cassandra Sue Ring, Columbus  
Margaret Jean Robertson, Mt. Vernon  
Crystal Rae Robinson, Sunbury  
Elizabeth Ann Rogel, Shaker Heights  
Christopher Jeffrey Roth, Columbus  
Sally Jane Russell, Columbus  
Alta Elizabeth Savage, Columbus

Immeke Maria Schmidt, Cincinnati  
 Alan Howard Schneider, Woodmere, NY  
 Carol Chelton Schopick, Columbus  
 Kay Lynn Schroeder, Worthington  
 Naomi Ann Schroeder, Pontiac, MI  
 Angela Jo Shoe, Brookville  
 Karen Louise Silver, Woodmere, NY  
 John Charles Stahl, Columbus  
 Deborah Supelak, Rocky River  
 Angela Denise Thomas, Beachwood  
 John Mark Thompson, Grove City  
 William Bradley VanGundy, Columbus  
 Dallan K.J. Walden, Morin Heights,  
 Quebec, Canada  
 Amy Laura Waldman, Upper Arlington  
 Clifford H. Wallach, Scarsdale, NY  
 Brook Eugene White, Marion  
 John William White II, Cincinnati  
 Martina Frieda Whittaker, Columbus  
 Julie Ann Williams, Upper Sandusky  
 Susan Heather Young, Clarkston, MI

## College of Mathematical and Physical Sciences

Dean: C. William Kern

### Bachelor of Arts

Catherine Anne Blosser, Columbus  
 Timothy Reed Burke, Defiance  
 Kennan Joseph Fahey, Columbus  
 Mary Eichmeier Krueger,  
 Upper Arlington  
 Mark Alan Ormiston, Newark  
 Anthony Ronald Reinhold, Cincinnati  
 Todd H. Scarborough, Columbus  
 Jonathan Mark Steinbach,  
 Washington, DC

### Bachelor of Science

Denis Michael Balcer, Reynoldsburg  
 Timothy Charles Burt, Pleasant Hill  
 Jennifer Rae Butcher, Akron  
 Jeffrey Alan Clements, Ashtabula  
 Lisa Marie Davis, Columbus  
 Robert Edward Dennison, Marion  
 David John Dickhaus, Columbus  
 Jennifer Lynn Eppick, Columbus  
 Diane Lynn Evans, Uniontown  
 Kennan Joseph Fahey, Columbus  
 Lisa Deloris Floyd, Huber Heights  
 Warren Louis Garrett, Suisun, CA  
 Barry Andrew Goldslager, Westerville  
 Rebecca Jane Goodenow, Hudson  
 Gregory Scott Heffin, Columbus  
 Hing Tsun Hung, Hong Kong  
 James Randolph Isaacs, Hitchens, KY  
 Levent Kamil Kitapci, Cincinnati  
 Christine Wenchi Liu, Ashtabula  
 Jacqueline Jean Lucas, Martins Ferry  
 Jerry Allan Mason, Willowick  
 Sophia Jean McLellan, Lima  
 José Antonio Pagán, Manati, PR

Sharon Renee Pohl, Maria Stein  
 Betty Jo Rode, St. Paris  
 Beth Ann Sanford, Lima  
 Jeffrey Edwin Schemmel, Minster  
 William Wayne Scholl, Upper Arlington  
 Constantina Venetia Spantithos,  
 Columbus  
 Jeffrey Robert Sturm, Columbus  
 Max Minh Tran, Columbus  
 David Paul VanBrocklin, Wyoming  
 Stephen John Watson, Columbus

## College of Social and Behavioral Sciences

Dean: Joan Huber

### Bachelor of Arts

Thomas Angelo Abbati, Worthington  
 Aria Ala-U-Dini, Worthington  
 Melinda Carol Andrews, Brilliant  
 Debra Lynn Arnold, Lyndhurst  
 Douglas Edward Baldwin, Radford, VA  
 Stella Anne C. Balmoria, Columbus  
 Kelly Joan Baumer, Kettering  
 James Alan Baumgardner, Chardon  
 Michael Jackson Bean, Dublin  
 Kristine Jane Bench, Elmore  
 John David Biehl, Columbus  
 Norman Todd Biehl, Massillon  
 William John Bien, Westerville  
 Gerald Wayne Biggs, Cleveland  
 Edward Carl Billmaier, Toledo  
 William Howard Blazer, Springfield  
 Laura Ann Bleisath, Bay Village  
 Helisa Deborah Bloom, Toledo  
 Walter Upson Bolton III, Newark  
 Jennifer Lynn Bonar, Wauseon  
 Janice Ann Bowles, Columbus  
 Edward T. Brady, Westerville  
 Michelle Teresa Brenk, Mansfield  
 Aaron Charles Brinkman, Kalida  
 Timothy Lowell Brown, Columbus  
 Leslie Margaret Budgeil, Napoleon  
 Matthew Peter Campe, Columbus  
 Colleen Carroll, Columbus  
 Kelly Ann Carroll, East Canton  
 Linda Marie Cashman, Centerville  
 Linda Rose Castrataro, Mayfield Village  
 Paul Matthew Cheney, Marion  
 Mary Yuet Chong, Cleveland  
 Elizabeth Maxine Cinadr, Brecksville  
 Nadine Anne Clagett, Columbus  
 Traci Lynn Clayton, Cincinnati  
 Philip John Cleary, Columbus  
 Renee Lynn Coil, Columbus  
 Jeffrey Rand Combs, Massillon  
 Colleen Beth Connors, Bay Village  
 James Hull Cordray, Grove City  
 Stephen Roger Cornell, Upper  
 Marlboro, MD  
 Walter Joseph Costello, Stratford  
 Meghan C. Curran, Concord  
 Maureen Celeste Damiani, Columbus  
 Jennifer Gwen Davidson, Columbus

Mark Allen Delbert, Columbus  
 Michelle Marie DePoy, Dale City, VA  
 Sheri Kay DePriest, Sunbury  
 Rosemary Teresa Dodd, Columbus  
 Wendy Cooke Drake, Portsmouth  
 Jennifer Grace Embree, Winfield, WV  
 Teresa Louise Erb, Columbus  
 Erik John Ernstrom, Columbus  
 Patricia Lynn Ewart, Columbus  
 Keith Tyrone Ferguson, Miami, FL  
 Wendy Michele Fleming, London  
 Victoria G. Fowler, Richwood  
 Tara Jeanne Francis, Hamilton  
 Linda Marie Gaertner, Columbus  
 Tina Lee Gaines, Columbus  
 Forrest Edward Gallagher, Columbus  
 Kelly William George, Mentor  
 Mary Jean Gibel, Lakewood  
 Roger Laurence Giddan, Toledo  
 Michael Patrick Gorman, Toledo  
 Patricia Ann Grau, Canton  
 Rickie Edwin Green, Delaware  
 Shirrell Renee Greene, Youngstown  
 Cynthia Lynn Grubbs, Westfield Center  
 Stephen John Halm, Gahanna  
 Douglas Allan Hamlin, Fairfax, VA  
 Cheryl Lynn Hampton, Genoa  
 Jon Lowell Hardacre, Pepper Pike  
 Brent D. Harder, Mt. Victory  
 Daniel Edward Harmon, Canton  
 Katherine Ann Harris, Fairborn  
 Mary J. Hatem, Columbus  
 Felicia Ann Hawthorne, Cincinnati  
 Tetsy Hersh, Cincinnati  
 Todd William Hickin, Westerville  
 Brenda Kay Hinchliffe, Champion  
 Marian Ann Hissong, Akron  
 Brian Edmund Hodgett,  
 Middleburg Heights  
 Julia Ann Holmes, Coshocton  
 Dawn Michelle Homerick, Mansfield  
 Donald Wayne Hothem, Mt. Vernon  
 Kelli Jo Howard, Lima  
 Arthur Carl Hunter, Georgetown  
 Carol Jendre Ido, Orange Village  
 Michelle Elise Jackson, Kettering  
 Linda Susan Janes, Akron  
 Christine Mary Jaster, Columbus  
 Virginia Raéanna Johnson, Germantown  
 Scott L. Joda, Boardman  
 Cynthia Jones, Toledo  
 Margaret Alyssa Jones, Columbus  
 Steven M. Jordan, Columbus  
 Lori Ann Kalinyak, Dayton  
 Anne Elizabeth Kaminsky, Cleveland  
 Kevin Joseph Karam, Newark  
 Catherine Mary Kastelic, Euclid  
 Diane Elizabeth Kean, Shaker Heights  
 Julia Marie Keller, Canton  
 Alexis Kelmec, Columbus  
 Jeffery Scott Knapp, Columbus  
 Carolyn Sue Knauss, Bowling Green  
 Christopher Michael Korb, Centerville  
 Christopher Joseph Kovalski, Columbus  
 Mary Francesca Lai, North Canton  
 Gilbert Edmund Lentol, Lima  
 Abby Hyla Levenson, Cleveland  
 Todd Russell Limp, Canton  
 Andrew Phillip Long, Tucson, AZ

Nikita Lynn Lowry, Detroit, MI  
 Steven Douglas Maines, Columbus  
 Julie Ann Marin, Uniontown  
 Nicole Julie Marmen, Shaker Heights  
 Mangalam Marthandan, Cambridge  
 Kelly Diane Martin, Lancaster  
 Sean Arthur McCarter, Mentor  
 Kimberly Jo McCartney, Columbus  
 David Edward McGlynn, Westlake  
 Jon Robert McLaughlin, Sandusky  
 Michelle Frieda Meyers, Mansfield  
 Miriam J. Mikesell, Coshocton  
 Edward Louis Mikula, Rocky River  
 Donald Wayne Miller, Columbus  
 Khrystian Elizabeth Miller, Columbus  
 Louis Lawther Miller, Columbus  
 Traci Annamarie Miller, Columbus  
 Lisa Ronette Moreland, West Lafayette  
 Michelle Lynn Morrison, Copley  
 Elizabeth Cooper Mullen, Columbus  
 William Joseph Neutzing, Columbus  
 Thuy Mai Thi Nguyen, Powell  
 John Patrick O'Boyle, Cleveland  
 Ann Marie Obringer, Vandalia  
 William Kevin O'Donnell, Solon  
 Dorie J. Olson, Lorain  
 Leticia Yolanda O'Neil, Columbus  
 Andrew Marc Paley, Cleveland  
 Roseanne Renita Patrick, Columbus  
 Julie Elizabeth Pelton, Dublin  
 Jill Michelle Poldruhi, Parma  
 David Gordon Ponta, Reynoldsburg  
 Lisa Lee Prudhoe, Rocky River  
 Stephen John Pulley, Lima  
 John Raymond Radkowski III, Ashtabula  
 Jason Markham Recht, Wheeling, WV  
 Brenda Deniece Reed, Cleveland  
 David Thomas Reed, Cincinnati  
 Diane Lee Rentz, Chagrin Falls  
 Belinda L. Reynolds, Ashville  
 Leanna Beth Rhodehamel, Fairborn  
 Jason Russell Ricketts, Springfield  
 Matthew Andrew Rider, Austintown  
 Stephen Allen Robbins, Westerville  
 Christopher Jay Rosen, Columbus  
 Robert Jay Rosen, Lyndhurst  
 John Henry Rumer, Jr., Pemberville  
 Kathryn Anne Runkle, Bellefontaine  
 Ashraf Sabrin, Columbus  
 Tamara Marie Schmidt, Scandia, MN  
 Lara Ayn Schultz, Tiffin  
 Scott Hunter Shaw, Columbus  
 Leslie Ann Shepherd, Columbus  
 Carrie Louise Shoultz, Columbus  
 Rhonda Lynn Shumaker, Marion  
 Joy Heidi Sisler, Mayfield Heights  
 Stephanie Elizabeth Skelley, Coshocton  
 Melissa Beth Skillings, Pickerington  
 Dana Katherine Smetzer, Whitehouse  
 Douglas Grant Smith, Marion  
 Susan Marie Smith, Columbus  
 Amber Trachelle Sparks, Hillsboro  
 Douglas Brian Stelnicki, Toledo  
 Christopher Keith Stringer, Bolivar  
 Ellen Marie Stryffeler, Youngstown  
 Tiffany Tabatabai, Columbus  
 Julie Singleton Tabor, Columbus  
 Craig Evan Thompson, Lucas  
 Joseph Edward Thompson, Columbus

Leslie Ayn Toepfer, Columbus  
 Patricia Karen Torok, Valley City  
 Julie Marie Traugh, Galion  
 Timothy John Ulmer, New Bloomington  
 Kathleen Ann Vukovich, Wadsworth  
 Catherine Christine Wagner, Columbus  
 Pamela Kay Waldron, Chillicothe  
 Mark Alan Walker, Cleveland  
 Andrew Gamaliel Warnes, Columbus  
 Jenna Faith Wax, Beachwood  
 Carolyn Webb, Shaker Heights  
 Earnest George Wells, Springfield  
 Amy Terese Westwick, Batavia, NY  
 Karen Lee Whichard, Columbus  
 Julie Marie Wills, Mineral Ridge  
 Carol Sue Wilson, Columbus  
 Lisa Eileen Wilson, Columbus  
 Laura Ann Wiltzie, Lima  
 Steven Barrett Wisbey, Cincinnati  
 Katherine Elizabeth Wood, Galena  
 Lisa Deanne Young, Hudson  
 John Robert Zajac, Lincoln Park, MI  
 Michael Lee Zelyv, Beachwood  
 Valerie June Zielinski, Rocky River  
 Edward Ernest Zinkon, Fresno

### Bachelor of Science

Jimmy Lee Ball, Cincinnati  
 Julie Lark Chapin, Cleveland Heights  
 Antoinette Marie Dezzutti, Chardon  
 Elizabeth Lauren Doolittle, Mentor  
 Miriam J. Ellis, Columbus  
 Stephen George Hirt, Akron  
 Stuart James Kanter, Mayfield  
 Terrence Leonard Koudelka, Jr., Hinckley  
 Eric Richard Lamprecht, Columbus  
 Craig M. Mines, Bayside, NY  
 Ronald Edward Moreno, Chesterland  
 Douglas Jay Perkins, Tipp City  
 Eric Stuart Polack, Mayfield Heights  
 Holly Anne Porter, Mentor  
 William Randolph Romani, Jr., Columbus  
 Steffen Reinhold Schmidt, Bad Windsheim, West Germany  
 Muhammad Nasir Shakour, Sandusky  
 Shao Yih Jeffrey Tng, Columbus  
 Susan Lynette Vitatoe, Oxford  
 Michael Stephen Wells, Sunbury  
 Lisa Sue Young, Heath

### School of Journalism

#### Bachelor of Arts in Journalism

Kevin Scott Adelstein, Lyndhurst  
 Aria Ala-U-Dini, Worthington  
 Kathleen Jean Baumgardner, Akron  
 Tawnya Sue Berkey, Whitehall  
 Raquel Nicole Blocker, Columbus  
 Patricia Elizabeth Borne, Westerville  
 Nancy Lynne Brigham, Galena  
 Jeffrey Mark Brodeur, Powell  
 Scott Adam Campbell, Upper Arlington  
 Frank Anthony Cirino, Jr., Mayfield Village

Michele Marie Clary, Newark  
 Stephen Roger Cornell, Upper Marlboro, MD  
 Michael Patrick Delahunt, Westerville  
 Michelle Lynne Dimmick, Shadyside  
 Nora Cecelia Donovan, Willoughby Hills  
 Paul Houston Dubuc, Centerville  
 Allison Alanna Fanning, Mansfield  
 Rosemarie Fernández, Lorain  
 John Anthony Fette, Cincinnati  
 Donna Marie Francis-DuPreé, Toledo  
 Tammy Marie Galvin, Huntington, CT  
 Natalie Lynn Garvin, Worthington  
 Judy A. Matulevicius Goad, Wadsworth  
 Louis Peter Gordon, Columbus  
 Patricia Marshman Guthrie, Cleveland  
 David Thomas Hack, Cincinnati  
 Richard A. Hennosy, Lancaster  
 Holly Louise Henry, Lancaster  
 Michelle Susanne Hill, McComb  
 Alan Bradley Hook, Columbus  
 Robin John Howlett, Rocky River  
 HopeAnn Kauffman, Fostoria  
 Michael David Kling, Canton  
 Tim Leroy Koehler, Upper Sandusky  
 Karyn Marie Kreps, Solon  
 James Edward Lindsay, Columbus  
 Anna Michele McCollister, Ironton  
 Jennifer Ann McPhetres, Kettering  
 Michelle Kathleen Meekins, Worthington  
 Matthew Paul Meyers, Steubenville  
 Kimberly Ann Miller, Fremont  
 Mary Lucille Olander, Columbus  
 Christopher Hanesworth Pickering, Evanston, IL  
 Julie Ann Picone, Solon  
 Phillip Cruz Pifa, Lima  
 Tracie Christine Friday, Dublin  
 Scott Martin Rex, Brantford, Ontario, Canada  
 Derek William Rimko, Olmsted Falls  
 Renée Marie Ritchey, Columbus  
 Christopher Don Sadler, Chambersburg, PA  
 Lisa Rose Sapp, Kent  
 Nanette Marie Scarpellini, Cincinnati  
 Mark Alan Scarpino, Centerville  
 Debra Marie Schaney, Chagrin Falls  
 Kimberly Elise Sirkin, Columbus  
 Ryan Day Somerville, Upper Arlington  
 Samantha Marie Spaulding, Painesville  
 Darla McComas Stimer, Columbus  
 Michael Robert Wagner, Sandusky  
 Kimberly Lynn Wallace, Mentor  
 Shawn Jeffrey Walton, Columbus  
 Laura Alene Wasserman, Solon  
 Jennifer Kristan White, Columbus

### College of Agriculture

Acting Dean: J. Robert Warmbrod

#### Bachelor of Science in Agriculture

Michael Frederick Allen, Newark  
 Barry Dale Anderson, Circleville  
 Paul Jarvis Buskirk, Tiffin  
 Gregory Dean Butler, Marysville

Wan-li Chuang, Hsinchu, Taiwan, R.O.C.  
 Nathan William Coleman, Shreve  
 Sara Ann Crowe, Alger  
 Timothy Patrick Cunningham,  
 Youngstown  
 Ernesto Alejandro De Palacios, Columbus  
 Timothy Allen Gehring, Dublin  
 Jay Robert Hannan, Toledo  
 Bennie Paul Hillyer, Jr., Kensington  
 Samantha Annette Johnson, Somerset  
 Bryan Layne Kessler, Tiffin  
 Karl Jeffrey Kisner, Gahanna  
 Diane Ruth Morrison, Jefferson  
 Susan Marie Mikesell, Frazesburg  
 Stephen Andrew Miller, Milford  
 William John Miller, Columbus  
 Meredith Lee Mills, Lower Salem  
 Donald Oscar Noble, Chesterville  
 David Kevin O'Reilly, Chardon  
 Elizabeth Ann Paulin, Hamilton  
 Richmond Hobson Pearson, Cincinnati  
 Marilyn Kay Rinker, Springfield  
 Bruce Allan Schmucker, Louisville  
 Carl Clark Scott, Bloomingdale  
 James Allyn Stickley II, Covington  
 Michael Ray Temple, Bellville  
 Robert George Timmons, Chagrin Falls  
 Franklin Brian Wells, Columbus  
 James Charles Wiedenheft, Sandusky

#### **Bachelor of Science in Food Science**

Carolyn Louise Pickens, Warren  
 Robert Frank Sexten, Xenia

#### **Bachelor of Science in Nutrition**

Robin Marie Moyer, Jackson

#### **School of Natural Resources**

##### **Bachelor of Science in Natural Resources**

Jason Paul Beason, Xenia  
 Tung-Yang Cheng, Taipei, Taiwan, R.O.C.  
 Thomas Anthony Cox, Hamilton  
 Kathryn Marie Davis, Zanesville  
 Michelle Lee Devine, Worthington  
 Darla Ann DiFabio, Geneva  
 Cynthia Ann Fultz, Columbus  
 John Herbert Giltner, Jr., Delaware  
 Ronald Eric Schultz, Curtice  
 Amy Elizabeth Sprunger, Seville  
 Amy Marie Westhoven, Dublin

#### **Agricultural Technical Institute – Wooster**

##### **Associate in Applied Science**

Wendy Jean Bailey, Bellaire  
 Curtis Allen Bechdel, Ravenna  
 Gerald Martin Buerkle II, Clarksville  
 Chadwick Lee Davis, Vermilion

Bryan Robert Deeken, Stow  
 Elizabeth Anne Duda, West Lafayette  
 Christina Noel Franks, Wooster  
 Eric David Gilbey, Salem  
 Janet Leasta Hughes, Swanton  
 Samuel A. Masi, Medina  
 Daniel Thomas McClaren, Brook Park  
 Bryan Scott Miller, Greensburg  
 Ann Paula Negley, New Philadelphia  
 William Carl Newland, Jr., Ostrander  
 Mark Douglas Niemczyk, Apple Creek  
 Clay Burton Putnam, Columbiana  
 Michael Lawrence Ranallo, Mayfield  
 M. Bradley Roush, Lancaster  
 James Kevin Scott, Kent  
 Adam Wade Smith, Atwater  
 Diana Jean Wallace, Cleveland

#### **College of Business**

Acting Dean: Astrid E. Merget

##### **Bachelor of Science in Business Administration**

Thomas Angelo Abbati, Worthington  
 Parul Agrawal, Memphis, TN  
 Chad Arthur Amato, Worthington  
 Rebecca Howell Artz, Marion  
 Bradley Eugene Ashbrook, Canton  
 Joseph Valentine Baginski, Lakewood  
 Edward Eugene Bame, New Carlisle  
 Stephen Sams Barranco, Jr., Xenia  
 Judith L. Barthel, Centerville  
 Todd Allen Bates, Cambridge  
 Kimberly Ann Baumgardner, Blacklick  
 Ariene Michelle Bell, Dayton  
 Stephen J. Bennett, Worthington  
 Michael Scott Berry, Columbus  
 Brett Alan Bleichrodt, Canal Fulton  
 Stasi Beth Bogner, Willard  
 James Robert Botdorf, Westerville  
 David Earl Boyd, Shadyside  
 Deborah Louise Bozsvai, Solon  
 Lisa Sue Brown, Kenton  
 David Harry Buck, Parma  
 Terry Lee Burchett, Centerburg  
 Ryan David Campbell, Marion  
 Douglas Robert Catron, Warren  
 Theresa M. Cecil, Columbus  
 Mary Beth Cerny, Dublin  
 Chwee Fong Chin, Micca, Malaysia  
 Kok Leong Chin, Kajang, Malaysia  
 Lisa Ilene Chizever, Worthington  
 Frederick H. Cho, Columbus  
 Mitzie Jo Chrisman, Homer  
 Richard Alan Clemens, Dayton  
 Darlene K. Colopy, Painesville  
 Stephen W. Conner, Warren  
 Heather Lea Cunningham, Grove City  
 Thomas Allan Danford, Willoughby Hills  
 Julie Ann Davis, Zanesville  
 Matthew Alan DeCarlo, Grove City  
 Marvin Brian Deck, Coalton  
 Michael John Dennis, Maumee  
 Peter Patrick DeVito, Canton  
 Kevin R. Dibelius, Boise, ID

Richard Michael Diehl, North Olmsted  
 LeeAnn DiGirolamo, Worthington  
 Thomas Geoffrey Dillon, Worthington  
 Amy Sue Dlugocki, Brunswick  
 Charles Michael Dobbins, Jr., Columbus  
 Michael Edwin Doran, Columbus  
 Brad M. Drew, Defiance  
 David Allen Druckenbroad, Urbana  
 Roderick Norman Dunham, Jr., Cleveland  
 Richard Andrew Ebel, Cincinnati  
 Kok Foh Eng, Kuala Lumpur, Malaysia  
 Judith Ann Fallon, Columbus  
 Steven James Fillis, Canton  
 Michelle Krista Foltz, Cincinnati  
 John William Fuller, Westerville  
 John Christopher Gair, Mentor  
 Kenneth Dean Garman, Akron  
 Patrick E. Garman, Germantown  
 Todd A. Garrett, Columbus  
 Thomas D. Garvey, Hudson  
 Scott Alan Gares, West Chester  
 Timothy Paul Gengier, Defiance  
 Terry Dean Gerwig, Ashland  
 Elaine Kay Getz, Lancaster  
 Henry Franklin Gingerich, Cleveland  
 Konstantinos Christos Glavas,  
 Athens, Greece

Kathryn Marie Goudelock, Lima  
 Kevin Wayne Gregor, West Chester  
 Donald John Griesmer, Parma  
 Mark James Grone, Fort Jennings  
 Eric Michael Grow, Versailles  
 Terry D. Gullett, Dayton  
 Stephanie Alice Gunter, Piqua  
 Paula Diane Gutman, Amherst  
 Demetris Charalambous Hadjisofocli,  
 Nicosia, Cyprus  
 Beecher B. Hale, Columbus  
 Chris A. Hale, New Philadelphia  
 Roy Eugene Halyama, Warren  
 Carl W. Hambleton, Parma Heights  
 Michelle Yvonne Hamiel, Dayton  
 Craig F. Hardwick, Wheaton, IL  
 Cindy Jo Harmon, Columbus  
 Randolph Lee Harrison, Wilmington  
 George Eric Hartig, Grove City  
 Duke Easton Heger, Los Angeles, CA  
 Christine Leigh Heil, Columbus  
 George William Henderson, Jr., Columbus  
 Letitia Lynn Henry, Newark  
 Brady Charles Hicks, Gilboa  
 Christopher L. Hill, Cincinnati  
 Connie Joan Hofmann, St. Marys  
 Kuo Chih Hsiao, Washington, DC  
 Glenn Alan Huckins, Columbus  
 Carey Hennings Johnson, Dayton  
 Mark Stephen Johnson, Massillon  
 Patrick John Jorker, Galion  
 Vincent Curtis Jolly, Wapakoneta  
 Christopher Eliot Jones, Carrollton  
 Karrie Jane Kaeser, Ashland  
 Kelly Ann Kagels, Cleveland  
 Matthew David Kamer, Worthington  
 Dean J. Kampman, Chagrin Falls  
 Barry Mark Kaplan, Akron  
 Carmen Jo Karhoff, Findlay  
 Mark Alan Kennedy, East Liverpool  
 Matthew J. Kinkelaar, Dublin  
 Guy Michael Kiosterman, Salem

Steven Michael Klotz, West Lafayette  
 Joanne A. Koustis, Cleveland  
 Steven Robert Kreim, Newark  
 Barrett William Kroeger, Bascom  
 Victor Iwanovich Kunakowsky, Lorain  
 Ted Andrew Kuttrus, Canton  
 Melinda Leigh Lancaster,  
 Charlottesville, VA  
 Brian Thomas Latimer, Warren  
 Carolyn L. Latta, Columbus  
 Chi-Mun Lau, Hong Kong  
 Paul Joseph Lazarony, Sandusky  
 Garry D. Ledbetter, Jr., Morristown, IN  
 Esther Chung Ah Lee,  
 Woodland Hills, CA  
 Joanne Lee, Akron  
 Ronno Lee, Hong Kong  
 Dena Faye Leff, Clayton  
 Rick Lee Legue, Blacklick  
 James E. Lemon, Reynoldsburg  
 Tes-Bin Lin, Columbus  
 Louis Charles Loeffler, Columbus  
 Melinda Elaine Lutsch, Salem  
 Brett Edward Lyme, Ashland  
 Peter A. Lynch, Columbus  
 Robert Brian Magorien, Woodsfield  
 Jill Anne Magyar, Winterville  
 Azni Jaya Mansor, Kuala Lumpur,  
 Malaysia  
 John Michio Marang, Columbus  
 Renato Dino Marino, Mayfield Village  
 Anthony Ross Mastracci, Columbus  
 Melissa Ann Mauser, Avon  
 Dominic Thomas Maxwell, Worthington  
 Susan Ashley McCoy, Circleville  
 Deborah J. McDonald, Newark  
 Michael Carl McGrew, Akron  
 Bradley Todd McKamey, Leesburg  
 Dean John Meyer, Botkins  
 Marcia Ann Mikols, Toledo  
 Mitchell Alan Miller, Dayton  
 David Joseph Millett, Willowick  
 Marla Ruth Morlock, Wayne  
 Matthew James Mountain, Grove City  
 Troy A. Mudgett, Lima  
 Sorin Muica, Canton  
 Jennifer L. Murray, Cleveland  
 Brian Ray Myers, Columbus  
 Joseph S. Nelkin, Akron  
 Alexander M. Newman, Cleveland  
 Monica Victoria Newman, Cleveland  
 Kellie Rae Oakley, Cambridge  
 Debra Lynn Osborne, Mansfield  
 James Charles Paolucci, Mayfield Heights  
 Elizabeth Jo Parson, Columbus  
 Laurene Louise Patterson, Columbus  
 Mickey Eugene Pennington, Jr., Whitehall  
 Lonnie Marc Perlman, Pickerington  
 Douglas Michael Planitz, Cortland  
 Michelle Lynn Plochocki, Huber Heights  
 Ronald Jay Plumley, Madeira  
 Tanya Renee Pogorelc, South Amherst  
 Thomas Anthony Posipanka, Willowick  
 Ty Allen Pruett, Canton  
 Molly Elizabeth Quillin, Columbus  
 Steven Daniel Rejent, Toledo  
 Andrew Roger Reminger, Columbus  
 Teresa Ann Rethman, Versailles  
 James Richard Reutener, Vermilion

Scott Allyn Rice, Worthington  
 Mysti Layne Roberts, Zanesville  
 Patrick David Robertson, Columbus  
 Tonette S. Rocco, Columbus  
 Gayle Lynn Romeo, Lutz, FL  
 Peter Steven Romito, Middleburg Heights  
 Jeffrey David Rubinstein, Canton  
 Cheryl Lynn Runion, Youngstown  
 Richard Corbett Rutherford,  
 Reynoldsburg  
 Christopher James Ryan, Dayton  
 Paul David Sampliner, Shaker Heights  
 Kristy L. Sanders, Springfield  
 Daniel Raymond Sauer, Columbus  
 Mark Alan Schatz, Dayton  
 Holly Ann Schindler, Delaware  
 Wendy Ann Schneider, Mentor  
 Eric Robert Schwartz, Cleveland  
 Stephen Michael Schwartz, Columbus  
 Susan Martha Scott, Akron  
 Jeffrey Michael Shepard, Lakewood  
 Joseph Michael Shin, Stow  
 Steven Michael Singer, Portsmouth  
 Linda M. Skinn, Beavercreek  
 Steven Mitchell Sladoje, Westerville  
 David Mark Slobodzin, Port Clinton  
 William H. Smith, Gahanna  
 Mae A. Smitherman, Cincinnati  
 Todd Matthew Smithers, Columbus  
 Gale Marie Spears, Toledo  
 Michael E. Spiegle, Cleveland  
 Gretta Wilson Spier, Mentor  
 Eric C. Stachler, Lakeview  
 Holly Ann Stettler, Columbus  
 Noel S. Stover, Gallipolis  
 Cheryl Diane Stroh, Wadsworth  
 William Douglas Styers, Mt. Vernon  
 Jongwook Sung, Seoul, South Korea  
 Tamara Susan Sweitzer-DuScheid,  
 Gahanna  
 Christina Poh Ching Tay, Johor Bahru,  
 Western Malaysia  
 Bryan Vincent Telepak, Lyndhurst  
 Keith Edward Thompson, Mansfield  
 Thomas Darwin Thompson, Alto, MI  
 Angela Christine Thran, Galion  
 Jana Marie Tice, Orrville  
 Pamala Ann Tubbs, Coshocton  
 Joseph James Vauter, Chesterland  
 Scott Christopher Vetter, Fort Jennings  
 Christine Joan Wachala, North Royalton  
 Melissa Anne Wagner, Beverly  
 Susan Marie Ward, Worthington  
 Andrew Allen Wasto, Columbus  
 Craig Alan Weber, Mansfield  
 Douglas James Wells, Columbus  
 Franklin A. White, Columbus  
 Steven Matthew White, Waldo  
 Tiffany Shawn Wilkens, Avon Lake  
 Julie Ann Williams, Urbana  
 Patrick Micheal Williamson, Mansfield  
 Della M. Wittenmyer, Rawson  
 Diane Lynn Woods, Worthington  
 Kerri Lynn Woolley, Springfield  
 William Wesley Wright, Newark  
 Kelly Denise Yaeger, Powell  
 Jane Lonny Yee, Columbus  
 Kwong Wai Yeung, Hong Kong  
 Michelle Lynn Zaayer, Columbus

Jeffrey L. Zitel, Richmond Heights

## College of Dentistry

Dean: William R. Wallace

### Doctor of Dental Surgery

Cheryl Gwen Rockhill, Columbus  
 B.A. (Wittenberg University)  
 Ronald Robert Strisofsky, Jr., Erie, PA  
 B.S. (East Stroudsburg State College)

### Bachelor of Science in Dental Hygiene

Stacy Lynn Pressman, University Heights  
 Steven Alan Woyat, Rittman

## College of Education

Dean: Donald P. Anderson

### Bachelor of Science in Education

David E. Aldstadt, Jr., Galloway  
 Barbara Brooke Allen, Winter Park, FL  
 Patricia Ann Anderson, Nevada  
 Frederick Michael Armstrong, Columbus  
 Melinda Marie Bailey, Canton  
 Bryon Lee Banks, Lucas  
 Cassandra Corrine Barok, Grove City  
 Lisa Marie Baumeister, Hilliard  
 Michelle Lynn Blanton, Columbus  
 Deborah Jo Boer, Columbus  
 Jenny Renee Botelho, Columbus  
 James Stuart Christman, St. Marys  
 Michael Anthony Cirino, Mayfield  
 Beata Zsuzanna Clark, Baltimore  
 Bradley Tyler Clark, Springfield  
 Nancy Ann Coburn, Upper Sandusky  
 Cheryl Lynn Couch, Columbus  
 Marla Corns Dunn, Bucyrus  
 Deborah Marie Fentiman, Columbus  
 Tammy Lynn Fleming, Mansfield  
 Tammy K. Force, Greenville  
 Aimee Maria Frantz, Sidney  
 Elizabeth Mary Gardner, Columbus  
 Cindy Marie Gibbs, East Liverpool  
 Julie Ann Gibeaut, Columbus  
 Margaret Ann Glascott, Norristown, PA  
 Carolyn Jeanne Glover, Laurelville  
 Ernest D. Glover, Lorain  
 Faith Anne Good-Shinn, Rushville  
 Dwight Warner Goss, Rockbridge  
 Denise Sandra Greene, Columbus  
 Carolyn Kay Guercio-Wisler, Delaware  
 Jennifer Marie Hammond, Worthington  
 Rodney Ray Hardesty, Coshocton  
 Douglas Edward Hartenstein, Bloomfield  
 Karla Rene Hayes, Columbus  
 Suzanne R. Heistan, St. Marys  
 Alanna R. Hering, Lakewood

Amy Louise Hohman, Delphos  
Daniel Joseph Homoelle, Hilliard  
Jennifer Lynn Hyder, Mentor  
David Alan Judson, Delaware  
Paul Krakovsky, Cincinnati  
Kevin Robert Kuhn, Galion  
Cindy Sue Leach, Grove City  
Byron Keith Lee, Columbus  
Jon Charles Linebrink, Newark  
Clarence Morton Littrell, Jr., Columbus  
Don Kennedy Mace, Uniontown  
Kimberly Kay McCartney, Westerville  
Lisa Michelle McElwee, Hanover  
Melanie Ann McGue, Columbus  
Mynda Leigh Meredith, Hebron  
Sheryl Ann Meyer-Kadar, Columbus  
Carrie Min, Bridgeport  
Ronald Lee Moore, Columbus  
Stephanie Ann Nash, Gahanna  
Anthony Scott Odenweller, Delphos  
Debra JoEllen Parpacen, Mt. Vernon  
Theresa Ann Paulson, Whitehall  
Hollie Lynne Poe, Westerville  
David Polonia, Columbus  
Alicia Ann Pope, Pickerington  
Sonia Robertson, Cincinnati  
Pamela Jeanne Rogers, Worthington  
Cynthia Rose Ruble, Bridgeport  
Victoria Melane Shoe, Newark  
Tammela Ann Smith, Powell  
Todd Eric Smith, Columbus  
David Lee Snyder, Lima  
Vicki Lynn Spretino, Chesterland  
Angela Marie Trivonovich,  
Cuyahoga Falls  
Steven Glenn Wagner, West Chester  
Jennifer Lynn Wallick, Dover  
Dianne Michelle Weiler, Mt. Gilead  
Carrie Lynne Welch, Columbus

**Bachelor of Art Education and Bachelor of Music Education degrees are offered jointly by the College of the Arts and the College of Education. Candidates are listed under the College of the Arts.**

## College of Engineering

Dean: Donald D. Glowler

### Bachelor of Science in Aeronautical and Astronautical Engineering

Kelly Susan Caldas, Canton  
Patrick Melvin O'Briant, Bucyrus  
Timothy Ronald Welsh, Elyria

### Bachelor of Science in Agricultural Engineering

James Michael Huwer, New Weston

### Bachelor of Science in Aviation

Carolyn Louise Destefani, Columbus  
Paul David Parker, Delaware

### Bachelor of Science of Chemical Engineering

Patricia Ann Bletzacker, Dublin  
Scott John Cain, Akron  
Craig Michael Kehres, New Washington  
Tammi Sue Minella, Hamilton  
William Barton Northrup, Elida  
Stephen Harold Rosansky, Columbus  
Khanh Kim Trinh, Columbus  
Alex Charles Woravka, North Ridgeville

### Bachelor of Science in Civil Engineering

George Douglas Allen, Jr., Columbus

### Bachelor of Science in Computer and Information Science

Stephen Thomas Anthony, Columbus  
Matthew Eric Fisher, Fairborn  
Andrew Joseph Hartzell, Gettysburg, PA  
Anthony Charles Jung, Elyria  
Hin Seng Lee, Seria, Brunei  
Yee Tim Lee, Hong Kong  
Christopher Scott Mace, Beavercreek  
Timothy Lee Meekins, Hilliard  
James Alan Nemcek, Butler, PA  
James Patrick Perone, Ankeny, IA  
Constantina Venetia Spantithos,  
Columbus  
Dawn Elaine Spencer, Fairview Park  
Kuan-Chao Leo Wang, Taipei,  
Taiwan, R.O.C.

### Bachelor of Science in Electrical Engineering

Louis William Bell, Panama, Panama  
Gregory Clark Bledsoe, Beavercreek  
Stephen Thomas Bonamer,  
Broadview Heights  
Mark Edgar Brattlie, Monroe  
Lori Robin Carnsew, Ravenna  
James Richard Duff, Ravenna  
Gregory Paul Hord, Lima  
Moazzam Khan, Karachi, Pakistan  
Eric Bradley Layne, Ironton  
Kenneth Richard Rastatter, Willowick  
Edward Alan Steele, Mansfield

### Bachelor of Science in Engineering Physics

Scott Anders Caldwell, Pittsford, NY  
Samuel Joseph Stafford, Delaware  
Shady Hasan Suleiman, Columbus

### Bachelor of Science in Industrial and Systems Engineering

Trent Anson Kelly, Cincinnati  
Paula Ling, Dayton  
Ellen Kay Russell, Sandusky  
Deborah Jane Seliga, Seattle, WA

### Mechanical Engineer

Arturo Machado, Monterrey, Mexico

### Bachelor of Science in Mechanical Engineering

Anthony Marinus Goecke, Maria Stein  
Frank Timothy Hoffman, Columbus  
Kinda A. Khalaf, London, England  
Anthony Toby Paganini, Centerville  
James Paul Reinmann, Rocky River  
Thomas James Royston, Cincinnati  
Mohamed Kamel Salaani, Tunis, Tunisia  
Paul Andrew Schmitz, Olmsted Township  
Lieanto Sjafrin, Medan, Indonesia  
Jeffrey Andrew Smith, Fostoria  
Mohamed Trigui, Sfax, Tunisia

### Bachelor of Science in Metallurgical Engineering

John Neuman DuPont, Perkasio, PA  
Thomas Edward Grubach, Jr., Kirtland  
John Paul Naizer, Barberton

### Bachelor of Science in Welding Engineering

Michael Palko, Parma

## School of Architecture

### Bachelor of Science in Architecture

Scott Francis Bertolo, Syracuse, NY  
David Allen Beyer, Worthington  
Andrew Scott Bishop, Galena  
Stephen Adam Bohlen, Bethesda, MD  
Jason Thompson Bour, Rocky River  
Steven Edward Cochran, West Jefferson  
Chester Nicholas Croce III, Columbus  
William Erik Heintz, Bellbrook  
Timothy Edward Hirschfeld, Celina  
S. Michael Hoffman, Chesterland  
Gregory Way Merryweather, Akron  
Andrea C. Persanyi, Bay Village  
Christopher John Richard, Lagrange  
Rupinder S. Singh, Gaithersburg, MD  
Steven James Wilson, Dover

### **Bachelor of Science in Landscape Architecture**

Joseph Daniel Lelonek, Orient  
Carrie Jo Mahle, New Castle, PA

### **College of Human Ecology**

Dean: Lena Bailey

### **Bachelor of Science in Human Ecology**

Shirley Ann Ackerman,  
East Amherst, NY  
Irene Marie Anderson, Fleming  
Sondra Lee Antinone, Mingo Junction  
Renee Michelle Arturo, Cheswick, PA  
Michelle Lynn Batdorf, Perrysburg  
Sandra Rose Biehl, Worthington  
Leigh Ann Bowman, Reynoldsburg  
Alisa Michelle Brotsky, Akron  
Kara Michele Chenette, Westlake  
Philip Micheal Crawford, Columbus  
Debra Jean Dalton, Westerville  
Paige Ellen Davis, Waynesfield  
Deanne Lynn Draet, Wintersville  
Christine Marie Englehart, Strongsville  
Suzanne Elise Fenton, Elida  
Kristine Marie Flesse, Strongsville  
June Katherine George, Tiltonsville  
Angela Marie Green, West Chester  
Melinda Anne Green, Toledo  
Faith Marie Hammer, Troy  
Melisa Anne Hudson, St. Clairsville  
Wendy Dee Jackson, Bellefontaine  
Yasaman Kiarad, Sepulveda, CA  
Michelle Lynn Lewis, Columbus  
Angela Denice Martin, Columbus  
Jennifer Beth Masarof, Scarsdale, NY  
Rochelle Laroi Mills, Hamilton  
Lisa Dawn Moskowitz, Cincinnati  
Theresa Mary Mostowy, Canton  
Margery Kilbourn Munger, Worthington  
Lara Rowena Norcross, Columbus  
Michelle Lynn Nusbaum, Richfield  
Jennifer Ann Olsen, Rocky River  
Penny Lynn Pannier, Marietta  
Charlene Ann Park, Ashtabula  
Howard Alan Sharon, Gates Mills  
Dru Ann Shirley, Gahanna  
Stephanie Ann Sifferlin,  
New Philadelphia  
Marcia Marie Smith, Massillon  
Elizabeth Anne Sopko, Columbus  
Tracey Ellen Storts, Columbus  
Lindy Sue Teittel, Cleveland Heights  
Valerie Toliver, Columbus  
Theresa Marie Vandivort, Lakewood  
Jill Ann Waschura, Euclid  
Angela Diane White, Zanerville  
Kyla Ann White, Worthington

### **Bachelor of Science in Hospitality Management**

Lorraine Lynne Amato, Lorain  
Andrew Allen Bero, St. Louisville  
Reid Carpenter Black, Jr., Mansfield  
Nancy Katherine Brune, Dayton  
Michelle Rene Gledhill, Galion  
Debra Kathryn Hennel, Cincinnati  
Alan Robert Jefferson, Columbus  
Susan Lynn Johnson, Macedonia  
Trevor Jay Leonard, Delaware  
Timothy Joel Le Pontois, Columbus  
Heather Nicole Martin, Loveland  
Christopher Lars Mills, Defiance  
Michael Dana Piek, Reynoldsburg  
Kristen Kaye Rose, Worthington  
Brian Eugene Ross, Seville  
Timothy Donald Sicafuse, Poland  
Randall Lee Sitz, Medina  
Jeffery Allan Smith, Columbus  
Derek Alan Stockton, Toledo

### **College of Medicine**

Dean: Manuel Tzournis, M.D.

### **Doctor of Medicine**

Debra Renée Baskett, Columbus  
B.S. (Winston-Salem State University)  
Tamara Singleton Bekele, Yellow Springs  
B.S. (Wright State University)  
Timothy Lee Bringer, Centerburg  
B.S. (Wheeling College)  
Kory Joseph Knapke, Van Wert  
B.S. (Heidelberg College)  
Garry Robert Lee, Waipahu, HI  
B.S. (University of Hawaii)  
Mary Christine McCarthy, Lima  
B.A. (Otterbein College)  
Douglas Ray Schumacher, Findlay  
B.S. (Bowling Green State University)  
Sheryl Kay Spadone, Cuyahoga Falls  
B.S. (University of Akron)  
Anne-Therese Stubbs, North Olmsted  
B.S. (University of Notre Dame)

### **School of Allied Medical Professions**

### **Bachelor of Science in Allied Health Professions**

Taffie Sue Abrams, Newark  
Rebecca Lynn Anderson, Mingo Junction  
Susan Elaine Belley, Orange Village  
Sandra Jane Bundenthal, Tipp City  
Linda Ellert Burns, Cincinnati  
Mary Kay DiLiddo, Seven Hills

Marci Joan Einstein, Beachwood  
Lisa Anne Fatica, Akron  
Julie Lynn Fouch, Middletown  
Karen L. Gordon, Cincinnati  
Debra Ann Graff, Cincinnati  
Jodi Lynn Hans, Ashland  
Karen Lea Hope, Elk Grove, CA  
Richard Blair Hopkins, New London  
Paulina Hrcan, Mansfield  
Peggy Ann Kleer, Shelby  
Vickie Lee Lantz, Buckhannon, WV  
Katherine Ann Lauderbach, Fairborn  
Suzanne Michele Lizewski, Wickliffe  
Dale Edward Mescher, Vandalia  
Pamela Jean Mills, Grove City  
Shelye Jo Mishler, Uhrichsville  
Diane Elizabeth Morris, Englewood  
Karen Lynn Motley, Carlisle  
Elaine E. Phalen, LeRoy, MI  
Loa Hathaway Ransom, Galena  
Elizabeth Anne Ray, Upper Arlington  
Yvette Gayle Rogers, Kansas City, MO  
Rhonda Marie Shonk, Columbus  
Shantée Tricia Tiller, Columbus  
Tamala Lynn Valentine, New Carlisle  
Kenneth Alvin Wilkins, Grove City  
Ka Wa Yu, Columbus  
Jennifer Ann Zordich, Austintown

### **College of Nursing**

Dean: Carole A. Anderson

### **Bachelor of Science in Nursing**

Jo Ellen Bartko, Gallipolis  
Norma Jean Butts, Columbus  
Katherine Anne Gale, Marengo  
Margaret Lynn Habermehl, Wilmington  
Peggy Sue Hale, Vaughnsville  
Sally Ann Heal, Columbus  
Simona Lydia Moore, Lancaster  
Sharon Ann Mulcahy, Columbus  
Pamela Lynn Pepke, Akron  
Sherry Lynn Petkus, Columbus  
Marie Antionette Phillips, Botkins  
Jan Ann Rupert, Columbus  
Ruth Arlene Tolson, Columbus  
Carole Lynn Waller, Dayton

### **College of Pharmacy**

Dean: John M. Cassidy

### **Doctor of Pharmacy**

Stephen William Janning, Kettering  
B.S.Pharm.  
Zachariah Matthews, Johannesburg,  
Union of South Africa  
B.S.Pharm. (Technikon Witwatersrand)  
Jeffrey Lee McVey, Erie, PA  
B.S.Pharm. (University of Pittsburgh)

Lisa Ann Porter, South Charleston  
B.S.Pharm.

William Robert Spreen, Cincinnati  
B.S.Pharm. (University of Kentucky)

### **Bachelor of Science in Pharmacy**

Vincent Alibrando, Baltimore  
Travis Lynn Anderson, Worthington  
Kathleen Louise Axford, Wooster  
Debra Jane Barnette, Pickerington  
Kristine E. Behrend, Columbus  
Lauree Beshara, Canfield  
Christopher David Boch, Lancaster  
Steven J. Brownsberger, Louisville  
Lori Ann Cain, East Liverpool  
Kelly Kay Culver, West Chester  
Christine Ann Dreher, Strasburg  
Diane Edith Durrell, Pataskala  
Debra Renee Durst, Niles  
Loraine Renee Dusenbury, Sunbury  
Gary Brian Furukawa, Parma  
James Matthew Hanson, North Olmsted  
Todd Eugene Hare, Kenton  
Nancy Marie Hippler, Columbus  
James Conrad Horst, Galloway  
Scott Eric Hoyda, Tiffin  
Sharon Ann Kennedy, Ironton  
Kimberly Ann Leiby, Warren  
Michelle Ann Lessem, Fairlawn  
Samantha Anne McClelland, Wooster  
David Charles McComb, Athens  
Jennifer Ellen Meadows, Middleport  
Michelle Elaine Meek, Toronto  
Joseph Anthony Melucci, Kent  
Cynthia Angela Murmyack, Mantua  
Leslie Ann Patrone, Youngstown  
Timothy James Pelton, Fostoria  
Jacqueline Kelly Rowles, Portsmouth  
Curtis James Rude, Kent  
Holly J. Russell, Columbus  
Mary Elizabeth Sapp, Columbus  
Timothy Patrick Schirmer, Toledo  
Eassa Michael Shaheen, Delaware  
Lori Ann Shockling, Louisville  
Rebecca Lyn Shull, Middletown  
Shelly P. Steffens, Newton Falls  
Deborah C. Stephens, Norton  
Kim Patrice Tyree, South Charleston, WV  
Denise Marie Vaselaney, Seven Hills  
Lance Bruno Vinci, Yorkville  
Linda Marie Woollett, Strongsville  
Douglas Robert Yanky, Garfield Heights  
Angela Marie Zubek, Strongsville

### **College of Social Work**

Dean: Richard E. Boettcher

### **Bachelor of Science in Social Work**

Angela Marie Corona, Bucyrus  
Katherine Hunter Gorce, Columbus  
Margaret Mary Hampton, Columbus  
Melissa Sue Jarvis, Columbus

Jami Lynn Monnett, Columbus  
Timothy Edward Tawney, Gallipolis  
Sally Ann Vance, Youngstown  
David Aaron Yorka, Westerville

### **College of Veterinary Medicine**

Dean: Ronald A. Wright

### **Doctor of Veterinary Medicine**

Candace Jane Erickson, Shadyside  
B.S. (University of Akron)  
Troy Allan Hexter, Columbus

### **Graduates with Honors**

Criteria for graduating with honors are as follows:

**Summa Cum Laude** designates those graduating in the top 3% of the class.

**Cum Laude** designates those graduating in the top 10% of the class.

**With Distinction** requires successful completion of a Senior Honors Thesis, oral examination, and graduation in the top 25% of the class.

**With Honors in the Liberal Arts** requires successful completion of the Arts and Sciences Honors Contract and graduation in the top 25% of the class.

**With University Honors** designates those graduating with curricular distinction and dedication to high educational goals.

### **Summa Cum Laude with Honors in the Liberal Arts and with Distinction in Anthropology**

Linda Marie Gaertner

### **Summa Cum Laude with Distinction in Animal Science**

Robin Marie Moyer

### **Summa Cum Laude with Distinction in Architecture**

Rupinder S. Singh

### **Summa Cum Laude with Distinction in Art Education**

Natalie Wright

### **Summa Cum Laude with Distinction in French Education**

David E. Aldstadt, Jr.

### **Summa Cum Laude with Distinction in Mechanical Engineering**

Thomas James Royston

### **Summa Cum Laude with Honors in the Liberal Arts**

Kyle Rachel Dreyfuss  
Amy Susan McKee

### **Summa Cum Laude**

Lee-Soo Bailey  
Debra Jane Barnette  
Amy Louise Benson  
Scott John Cain  
James Hull Cordray  
Diane Lynn Evans  
Elizabeth Mary Gardner  
Konstantinos Christos Glavas  
Carolyn Jeanne Glover  
Kathryn Marie Goudelock  
Stephen George Hirt  
Connie Joan Hofmann  
Hing Tsun Hung  
Matthew David Kamer  
Stephen Joseph Kerpasack  
Andrew Phillip Long  
Daniel Thomas McClaren  
Bradley Todd McKamey  
Mark Douglas Niemczyk  
Holly Ann Schindler  
Timothy Patrick Schirmer  
Rhonda Lynn Shumaker  
Linda M. Skinn  
Kwong Wai Yeung

### **Cum Laude with Honors in the Liberal Arts and with Distinction in Economics**

William John Bien

### **Cum Laude with Distinction in Computer and Information Science**

Hin Seng Lee

### **Cum Laude with Distinction in Mechanical Engineering**

Kinda A. Khalaf  
Lianto Sjafr  
Mohamed Trigu

**Cum Laude with Distinction  
in Psychology**

Melinda Carol Andrews

**Cum Laude with Honors in the  
Liberal Arts**

Julie Lark Chapin  
Wendy Cooke Drake  
Jon Thaddaeus Lamb, Jr.  
Max Minh Tran

**Cum Laude with University Honors**

Kelly Susan Caldas  
Molly Elizabeth Quillin

**With Honors in the Liberal Arts and  
with Distinction in Economics**

Aaron Charles Brinkman

**With Honors in the Liberal Arts and  
with Distinction in Philosophy**

Jennifer Kathleen Jolley

**With Honors in the Liberal Arts and  
with Distinction in Psychology**

Traci Lynn Clayton

**With Distinction in Natural  
Resources Development**

John Herbert Giltner, Jr.

**With Honors in the Liberal Arts**

Elizabeth Lauren Doolittle  
Andrew John McRill  
Kay Lynn Schroeder  
Elizabeth Suzanne Toth

**With University Honors**

Raquel Nicole Blocker  
Linda Rose Castrataro  
Richard Alan Clemens  
Brook Eugene White

**Cum Laude**

Parul Agrawal  
Stephanie Alice Aman  
Patricia Ann Anderson  
Rebecca Howell Artz  
Nicholas Robert Barrett

Kristine Elizabeth Behrend  
Louis William Bell  
Catherine Anne Blosser  
Deborah Jo Boer  
Kelly Ann Carroll  
Philip John Cleary  
Nancy Ann Coburn  
Linda Sue Daily  
Maureen Celeste Damiani  
Amy Sue Dlugokecki  
James Richard Duff  
John Neuman DuPont  
Diane Edith Durrell  
Jennifer Grace Embree  
Roy Eugene Halyama  
Douglas Edward Hartenstein  
Suzanne R. Heistan  
Amy Louise Hohman  
Carol Jendre Ido  
Steven Michael Klotz  
Mary Eichmeier Krueger  
Kimberly Ann Leiby  
Sherry Lynn Levasseur  
Julie Marie Lynch  
Kimberly Jo McCartney  
David Charles McComb  
Ann Paula Negley  
David Gordon Ponta  
Belinda L. Reynolds  
Margaret Jean Robertson  
Mohamed Kamel Salaani  
Stephen Michael Schwartz  
Joy Heidi Sisler  
Mae A. Smitherman  
Todd Matthew Smithers  
Samuel Joseph Stafford  
Aida M. Stanish  
Amy Laura Waldman  
Martina Frieda Whittaker  
Katherine Elizabeth Wood

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THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND TWO HUNDRED AND SIXTY-FIFTH MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, September 7, 1990

The Board of Trustees met at its regular monthly meeting on Friday, September 7, 1990, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

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Minutes of the last meeting were approved.

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September 7, 1990 meeting, Board of Trustees

The Chairperson, Mrs. Bowser, called the meeting of the Board of Trustees to order on September 7, 1990, at 1:20 p.m. She requested the Secretary to call the roll.

Present: Shirley D. Bowser, Chairperson, Hamilton J. Teaford, John J. Barone, Deborah E. Casto, Milton A. Wolf, Leslie H. Wexner, Alex Shumate, Theodore S. Celeste, Sophia L. Paige, and David A. Tonnies.

Mrs. Bowser made the following statement:

We would like to take this opportunity to, once again, welcome Dr. Gordon Gee as the eleventh President of The Ohio State University. As I said earlier this summer when we announced that Dr. Gee was coming to Ohio State, he certainly is an inspirational leader with dynamic visions and insight. It can be said that his decided optimism and energy is truly infectious to those who have had the opportunity to come into contact with him. We are both delighted and fortunate to have him here as our President and he can be assured of our support and best wishes from the Board of Trustees, the faculty, the staff, and, most importantly, the student. He will lead Ohio State to meet the challenges of the new decade and beyond. And we are simply delighted to have you with us.

President Gee:

Thank you, very much. I am delighted to be here, and on behalf of my family, I want to thank the Trustees for this decided honor to now be part of this great University. I want my colleagues on the faculty and staff, and certainly our student colleagues, to know that this is the time, the place, and the opportunity that I think is truly unique in higher education. I am blessed to be part of this place at this time. And that has already been borne out. If you didn't have an opportunity to see it, the first day I drove up to work everyone was wearing their nice, bright red T-shirts. From that point on, it has been a wonderfully warm and gracious beginning. And I thank all of you for that.

Today, I want to take up two matters that are on your agenda. First, I have the very pleasant task of announcing some excellent news to our faculty and staff. As the Trustees are aware, for the month of September we have been able to give our faculty and staff a premium holiday. That is the individual share of the benefit premium that is not being deducted for that particular month. Today, you will receive a resolution calling for another premium holiday in December. I wish I could take credit for this after only 6 days on the job, but I, in reality, cannot do so. The credit belongs to the good people of Ohio State whose responsible use of our wonderful benefits program has kept our costs steady in an escalating environment. With the fine tuning of the program over these past months, the reserves from our medical programs will be somewhat in excess of the standard industry requirements. Therefore, the premium payments will not be necessary again in December. Ohio State is proving itself the leader in benefits administration and we can all take pride in the outstanding benefits program available to us.

My second bit of good news today, concerns an extraordinary opportunity for The Ohio State University. I am delighted to report that in a resolution to be introduced later in this meeting, we are asking your support for our negotiations with the Cleveland Clinic Foundation to form a partnership in the Health Sciences. The association of these two great institutions, The Ohio State University and the Cleveland Clinic will strengthen each in teaching, in research, and, clearly, in patient care. By becoming an academic center, Cleveland Clinic will offer Ohio State

President Gee: (contd)

medical students exceptional opportunities for learning. Furthermore, the centralistic relationships between Ohio State's faculty members and a wide variety of disciplines in the outstanding staff at Cleveland Clinic will, I believe, advance the frontiers of medicine. Clearly, this action is consistent with the University's mission as Ohio's land-grant institution, and as one of this nation's leading research universities. We are, indeed, delighted to be working so closely with our colleagues in Cleveland on this most exciting new venture. I hope and expect, Madam Chair, to have as much positive news to bring to you at these meetings in the future. Thank you, very much.

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### RESEARCH FOUNDATION REPORT

Ms. Casto:

The Research Foundation contracts and grants for the months of June and July 1990 are shown in the Board agenda book. For June there are 203 awards listed, providing an income of \$17.5 million. For July there are 149 awards listed, which provide a gross income of \$15.99 million.

Funding for the fiscal year that ended June 30, 1990, amounted to \$125 million, which is up 8.5 percent from the previous year. The funding was the largest in the history of the Research Foundation. Funding for the new fiscal year has begun on a very positive note with awards for the month of July being 18.9 percent ahead of the month of July last year.

Some highlights of awards are:

\$320,000 from the U.S. Department of Agriculture, Science and Education to the Departments of Architectural Engineering, Agronomy, and Geology and Mineralogy, for archaeological management systems project. This proposed management system evaluation project combines faculty members in three different departments at the University. The project is located in a unique area of Ohio, which has a water table similar to the ground water supporting agriculture throughout the Midwest. It affords an ideal site to study chemical applications to crops. Public perception is that fertilizers and pesticides are contaminating our ground water quality. This interdisciplinary study will take advantage of supercomputer modeling and will test various farming techniques.

\$750,000 from General Electric Company to the Department of Radiology to investigate and develop magnetic resonance spectroscopy and imaging.

\$547,000 from the University of Pennsylvania to the Department of Physics to train students in the field of conducting electronic polymers.

\$398,000 from the National Science Foundation to the Byrd Polar Research Center to conduct a combined airborne radar and air magnetic survey of the Antarctic.

Thank you, Madam Chair. That completes my report.

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## HOSPITALS BOARD COMMITTEE REPORT

Mr. Shumate:

It is my pleasure, Madam Chairperson and Mr. President, to present the summary of the Hospitals Board activities for the month of August. The University Hospitals Board met on Thursday, August 9. The Medical Director, Dr. Mekhjian and Chief of Staff, Dr. Smead, reported on general medical staff issues. One of those issues reviewed by the Board was the credentialing process for medical staff appointments and reappointments. As of July 1, performance-based data will be utilized as an additional component of the reappointment process. This gives the ability to review each physician's performance profile and will help ensure that our patients receive the best possible care.

Since this was the last Hospitals Board meeting for former President Jennings, Board members acknowledged his service with a gift and a resolution and wished him Godspeed in his future endeavors. Dr. Jennings stated that he feels the Hospitals are making good progress and he was pleased to see the high level of cooperation between the medical staff and the Hospitals administrative staff.

The monthly financial report revealed that patient admissions, clinic visits, and emergency visits all exceeded budget during June. However, patient revenue for the month was higher than expected -- almost \$24 million versus a budget of \$22.2 million. The bottom line for the year was a loss of \$1.6 million, as was predicted in February. A large expense item continues to be salaries, because of the need to utilize agency and traveling nurses. The utilization of agency and traveling nurses was a conscious decision by the Board in order to keep beds open, even though the expense of utilizing those nurses is at least 40 percent higher per individual than regular staff nurses. The good news is that we had a successful recruiting season this year, and have been able to reduce nursing turnover to approximately half of last year's rate. And I might add, that this nursing shortage is a national problem that we are attempting to effectively deal with here at Ohio State.

In addition, Dr. Henry Nasrallah, Chairperson of the Department of Psychiatry, discussed in-patient and out-patient services and teaching and research issues. It was pointed out that the neurosciences rank second only to cancer among the Strategic Plan's Centers of Emphasis. Dr. Nasrallah and Mr. Fraley summarized the proposed expansion and the renovation of the west wing of Upham Hall. The goal of the renovation is to provide a setting conducive to the delivery of the highest quality of care in terms of safety, privacy, dignity, therapeutic environment, and the latest and most effective psychiatric techniques and treatment.

The current proposal meets capital expenditure guidelines established by the Board. Board members voted unanimously to authorize completion and submission of the required Certificate of Need; completion of the architect's drawings; and the initiation of a construction contract, subject to established University policy and procedures. The total expenditure of \$14,013,612 was approved by the Board, this is in addition to the original \$1 million for planning. Since the Department of Health will most likely respond to our Certificate of Need in January or February, we anticipate this project will be brought forward to the Hospitals Board and to this Board in March or April for final review and approval.

September 7, 1990 meeting, Board of Trustees

**HOSPITALS BOARD COMMITTEE REPORT (contd)**

Mr. Shumate: (contd)

I might add that the Hospitals Board is looking forward to its joint meeting with this Board where we can discuss some of these issues in more detail.

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Mr. Teaford:

I have a resolution that deals with what President Gee told us earlier. I do not think there is any more significant resolution that has been before this Board in the time I have been on it. I think it is a chance for the medical teaching and research at this institution to achieve extraordinary levels.

**PARTNERSHIP BETWEEN CLEVELAND CLINIC FOUNDATION  
AND THE OHIO STATE UNIVERSITY**

Resolution No. 91-17

WHEREAS discussions between the Cleveland Clinic Foundation and The Ohio State University regarding a potential partnership between the two organizations in the area of health sciences have generated enthusiastic support; and

WHEREAS as envisioned such a partnership would create a number of superb and creative opportunities for the two institutions to work together in research, teaching, and service that would enhance and enrich each institution as well as possibly expedite the advancement of the frontiers of medicine; and

WHEREAS a Cleveland Clinic/Ohio State University partnership would strengthen both institutions as fully integrated centers for research and medical care, thus making the partnership one of the premier health resources in the world:

NOW THEREFORE

BE IT RESOLVED, That this Board whole heartedly endorses the proposal that the University proceed with discussions with the Cleveland Clinic Foundation to establish a joint task force to investigate potential for a partnership in the health sciences.

Upon motion of Mr. Teaford, seconded by Mr. Shumate, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**CANCER HOSPITAL COMMITTEE REPORT**

Mr. Barone:

Madam Chairperson, Mr. President, I have attended The Arthur G. James Cancer Hospital on two occasions. When it first opened, I spent most of the afternoon there with the Administrator, Dennis White, and went through the entire Hospital. And I wish to report at this time that on July 9, 1990, the first patients were admitted to The Arthur G. James Cancer Hospital, either through the discharge or subsequent

**CANCER HOSPITAL COMMITTEE REPORT (contd)**

Mr. Barone: (contd)

admission of University Hospitals cancer patients or through scheduled admissions. In total that day, seventeen patients were admitted to the Cancer Hospital, which initiated the phase-in operation. Following that date and extending through September 4, 1990, the rest of the Hospital was phased in on schedule.

The phase-in included not only the opening of three patient floors, but also the opening of the operating room, the Bone-Marrow Transplant Unit, Out-patient Chemotherapy Care Unit, and the first floor examination room and treatment center. The phase-in was deliberately extended over two months and limited in operations to help assure a smooth opening. I might add that Dr. Tzagournis, as well as Dr. James and Dennis White advocated a very slow phase-in operation of the Hospital in order to provide the best service.

To date, three of the operating rooms are functional, with the fourth to go on-line September 10. The sixty-day phase-in operation proved to be uneventful and without incident. I viewed each and every room and I strongly advise every member of the Board to visit sometime soon.

The Finance Committee, including representatives from the University, University Hospitals, and the Cancer Hospital, has now met for the third time to review the pertinent financial data. The focus of these meetings is on the projected operational budget and capital needs for the CHRI. Current projections indicate a cash flow deficit for the first year of operations of \$6.4 million. These numbers are again projections only, and are based on a phase-in schedule. It should also be noted that these projections assumed that the exceptions from DRG reimbursement would be granted from the health care financial administration following a successful completion of a medicare survey, which is currently slated for sometime in early October. All information is being received through the consultants in Baltimore, and they have indicated that the DRG exception should be awarded.

Promotional efforts continue through the contracted service of Hameroff, Milenthal, and Spence. To date, Dr. Schuller and others have visited four cities: Cleveland, Cincinnati, Youngstown, and Pittsburgh, to promote the opening of the Cancer Hospital. Eleven other cities are scheduled for these promotional events. The focus of these promotional and other media tours is to promote an awareness and for image building to support fund raising efforts.

We also viewed a thirty minute tape from the American College of Pathology on prostate cancer. Prostate cancer is the number one cancer in the United States, although some people don't realize it. The important thing to note is that prostate cancer, if detected early enough, has a very high cure rate.

We also discussed having Mr. White and Dr. Schuller coming before the Board at sometime to discuss the Cancer Hospital and the function of the Cancer Hospital.

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## INVESTMENTS COMMITTEE REPORT

Mr. Teaford:

The Endowment Portfolio lost \$21 million since our meeting last month; obviously due largely to the 400 point drop in the stock market. While that's dramatic, it is rather typical of the long-term history of our endowment portfolio. It does have down turns, as well as up turns. At the meeting we did discuss improving the flexibility of the endowment -- mechanisms that will allow us to switch from equities to fixed income -- and we will be looking for a way to do that in the coming months.

We also received the Quarterly Cash and Investments Summary which indicated \$667 million in the various funds of the University. This is a little higher than typical because of the recent funding of \$50 million in bonds. We had a report on the Endowment Real Estate by Mr. Nichols. Two highlights of that: the shopping center which we received at a lower price in a gift-type circumstance this spring currently has a return of 8.46 percent; and the Ramada Hotel which, of course, we own the stock on, but we don't own the building itself, the gross income for the first eight months of the year was \$700,000. The net income after debt service is a loss of only \$90,000. Those numbers are on target, if not a little ahead of what was expected in the first couple of years of operation. So, I think those numbers are very encouraging.

(See Appendix XI for complete context of The Ohio State University Endowment Summary, August 17, 1990, page 289.)

We also received a summary of the now completed Campaign. As I think most of you know, we raised \$460.2 million. We were significantly above goal in all of those areas of the Campaign. It is interesting to note that before we started that Campaign, Ohio State was ranked 44th nationally in voluntary support; it now ranks 16th. And we were ranked 25th in corporate support before; we now rank 6th in the nation. Another very important thing to point out is that our faculty and staff made gifts and pledges to this University of \$15.8 million. That is a resounding vote of confidence from our faculty and staff at this University.

When we started the Campaign, all of the various colleges submitted "wish lists." It is interesting to note that we did achieve 42 percent of those wishes, in terms of the kinds of designations of gifts. That is, indeed, well above the normal percentage. And Dean Glower has indicated to me that the next time we do this, we will even have greater sophistication among the faculty and colleges as to how to get the "wish list" in line with what is likely.

Finally, we were told about the costs of the Campaign. Our direct costs were 9 cents on every dollar raised, and an overall direct and indirect -- 11 cents. To put that in perspective, the Chronicle on Higher Education has recently reported that a typical number is 16 cents on the dollar. So, indeed, we got that money for a lot less than is typical.

(See Appendix XII for complete context and charts on the Campaign Summary Report, page 307.)

We are also recommending the following resolution:

**TREASURER'S BOND**

Resolution No. 91-18

**Synopsis:** The Investments Committee recommended the approval of an amendment to Board of Trustees Resolution No. 82-46 to increase the Treasurer's Bond requirement from \$3,000,000 to \$5,000,000, pursuant to Section 3335.05 of the Ohio Revised Code.

WHEREAS Section 3335.05 of the Ohio Revised Code requires that the Treasurer of The Ohio State University give bond to the State of Ohio in such sum as the Board of Trustees determines; and

WHEREAS such sum required was established by Board of Trustees Resolution No. 82-46 on November 6, 1981, to be \$3,000,000 as the probable amount that realistically will be under the Treasurer's control in one year; and

WHEREAS the size of the University's accounts and investments have increased over time, and the coverage of the Bond has been changed to include the Treasurer's Ohio State University Foundation responsibilities:

NOW THEREFORE

BE IT RESOLVED, That the bond sum required of James Lee Nichols, Treasurer of The Ohio State University, as required by Section 3335.05 of the Ohio Revised Code, be revised to \$5,000,000 by amendment of Board of Trustees Resolution No. 82-46.

Upon motion of Mr. Teaford, seconded by Mr. Shumate, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**ACADEMIC AFFAIRS COMMITTEE REPORT**

Mr. Shumate:

The Academic Affairs Committee received a report this morning from Dr. Anne Pruitt, Director of the Center for Teaching Excellence at The Ohio State University. In addition to her report, she showed a video tape that highlighted the services provided by the Center. The Center's mission is to provide leadership and services in support of professors who teach at Ohio State. The services include providing teacher orientations for new faculty and graduate teaching associates; conducting teaching improvement workshops and consultation services; providing the audio/visual equipment and materials used by the faculty in the classroom; working with faculty on designing and developing graphic, video, audio, and microcomputer-based materials; and administering the instructional enhancement grants program.

Dr. Pruitt pointed out that the Center assists the spoken English program in assessing the language proficiencies of international T.A.'s through mock teaching sessions; leading faculty seminars on teaching for the retention of minority students; working to develop academic uses of video satellite telecommunication services; and coordinating Ohio State's role with seven other leading universities in a three-year national project entitled, "Focus on Teaching." This project funded through Syracuse University is aimed at examining and improving the balance and reward

**ACADEMIC AFFAIRS COMMITTEE REPORT (contd)**

Mr. Shumate: (contd)

structure for faculty involved in teaching. In addition to Ohio State and Syracuse, the other participating universities are the University of California-Berkeley, Carnegie-Mellon, the University of Massachusetts at Amherst, Northwestern University, Stanford University, and Texas A & M.

Dr. Pruitt spelled out five challenges for the Center for Teaching Excellence: 1) assist the Office of Academic Affairs to create a balance between research and teaching; 2) to help determine how to best evaluate teaching; 3) to take increasing responsibility for training teaching assistants; 4) to help faculty to work through the implications of cultural diversity in the classrooms; and 5) to increase the amount of funds available for faculty to conduct research on teaching.

In addition the Committee is recommending:

**NAMING OF STREET**

Resolution No. 91-19

Synopsis: The Academic Affairs Committee recommended the approval of the naming of the street on the north side of the Veterinary Hospital on the Columbus Campus in honor of Vernon L. Tharp.

WHEREAS Vernon L. Tharp, D.V.M., Professor Emeritus, was Associate Dean of The Ohio State University College of Veterinary Medicine (1972-82), Director of the Veterinary Clinics (1947-72), Chairperson of the Department of Veterinary Medicine (1960-70), and Acting Chair of the Department of Veterinary Clinical Sciences (1970-72); and

WHEREAS under Dr. Tharp's leadership as Director of the Veterinary Clinics, the College's Ambulatory Clinic expanded to include two off-campus facilities; and

WHEREAS Dr. Tharp was instrumental in having the Ohio State Racing Commission Laboratory established at the College of Veterinary Medicine; and

WHEREAS Dr. Tharp has served the Veterinary Medical Profession as President of the American Veterinary Medical Association, President of the Ohio Veterinary Medical Association, and Vice President of the World Veterinary Medical Association; and

WHEREAS Dr. Tharp was named "Ohio Veterinarian of the Year," and is an appointed member of the Ohio State Racing Commission; and

WHEREAS due to his dedication and continued service to the veterinary profession and The Ohio State University College of Veterinary Medicine, its dean, faculty and staff wish to name the street north of the Veterinary Hospital in honor of Vernon L. Tharp, D.V.M.; and

WHEREAS the President recommended, with the concurrence of the President's staff, that the street north of the Veterinary Hospital be named "Vernon L. Tharp Street":

NOW THEREFORE

September 7, 1990 meeting, Board of Trustees

**NAMING OF STREET (contd)**

BE IT RESOLVED, That hereafter the street north of the Veterinary Hospital shall bear the name "Vernon L. Tharp Street."

Upon motion of Mr. Shumate, seconded by Ms. Casto, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**PERSONNEL ACTIONS**

Resolution No. 91-20

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the July 6, 1990 meeting of the Board, including the following Appointment of Chairpersons of Departments and Director of Center, Leaves of Absence Without Salary, Leaves of Absence Without Salary--Continuation, Professional Improvement Leaves, Professional Improvement Leave--Cancellation, Professional Improvement Leave--Change in Dates, Promotion/Tenure, Promotion/Tenure--Correction, and Emeritus Titles, as detailed in the University Budget be approved, and the 1990-91 Medical Staff Appointments/Reappointments approved August 9, 1990, by the Hospitals Board be ratified; and the Medical Staff Appointments for The Arthur G. James Cancer Hospital and Research Institute be approved.

Appointment of Chairpersons of Departments and Director of Center

July 1, 1990 through June 30, 1991

Radiology

Charles F. Mueller\*

August 1, 1990 through June 30, 1994

Molecular Genetics

Lee F. Johnson

August 22, 1990 through September 30, 1994

Industrial Design

James C. Kaufman

October 1, 1990 through June 30, 1994

Food Science and Technology

Ken Lee

October 1, 1990 through September 30, 1993

Melton Center for Jewish Studies

Tamar Rudavsky

\* Acting Chair

Leaves of Absence Without Salary

PAMELA S. BRADIGAN, Assistant Professor, Health Sciences Library, effective July 16, 1990, through August 12, 1990, for personal reasons.

September 7, 1990 meeting, Board of Trustees

### PERSONNEL ACTIONS (contd)

#### Leaves of Absence Without Salary (contd)

CRYSTAL L. DUNLEVY, Assistant Professor, School of Allied Medical Professions, effective August 30, 1990, through September 9, 1990, for personal reasons.

MALCOLM C. SMITH, Assistant Professor, Department of Electrical Engineering, effective Autumn Quarter 1990, Winter Quarter and Spring Quarter 1991, to visit the University of Cambridge, England.

ATHANASIOS G. STOURAITIS, Assistant Professor, Department of Electrical Engineering, effective Autumn Quarter 1990, Winter Quarter and Spring Quarter 1991, to visit the University of Patras, Greece.

PAULA A. CHAPMAN, Instructor, Cooperative Extension Service, effective July 15, 1990, through November 4, 1990, for medical reasons.

#### Leaves of Absence Without Salary--Continuation

MICHAEL D. ORLANSKY, Professor, Department of Educational Services and Research, effective Autumn Quarter 1990, for personal reasons.

MORGAN E. SHIPMAN, Professor, College of Law, effective July 1, 1990, through August 15, 1990, for personal reasons.

HAROLD S. HIMMELFARB, Associate Professor, Department of Sociology, effective Autumn Quarter 1990, Winter Quarter and Spring Quarter 1991, to continue in a research position with the U.S. Department of Education.

#### Professional Improvement Leaves

JAMES GROSSIE, Associate Professor, Department of Physiology, effective October 1, 1990, through March 31, 1991.

MARY ANN DANOWITS SAGARIA, Associate Professor, Department of Educational Policy and Leadership, effective Winter Quarter and Spring Quarter 1991.

#### Professional Improvement Leave--Cancellation

SCOTT FALKENTHAL, Associate Professor, Department of Molecular Genetics, effective Autumn Quarter 1990, Winter Quarter and Spring Quarter 1991.

#### Professional Improvement Leave--Change in Dates

KEITH M. KILTY, Professor, College of Social Work, change leave from Autumn Quarter 1990, Winter Quarter and Spring Quarter 1991, to Autumn Quarter 1991, Winter Quarter and Spring Quarter 1992.

September 7, 1990 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

Promotion/Tenure

**COLLEGE OF MEDICINE  
REGULAR CLINICAL FACULTY**

**REAPPOINTMENT**

ASSOCIATE PROFESSOR

ROBERT M. RENNEBOHM, Pediatrics

Approved - 1/15/92

Promotion/Tenure--Correction

**COLLEGE OF ENGINEERING**

PROMOTION TO ASSOCIATE PROFESSOR with TENURE

UMIT S. OZKAN, Chemical Engineering, and tenure date approved 10/1/90; corrected to August 31, 1990.

Emeritus Titles

CLIFFORD V. HEER, Department of Physics, with the title Professor Emeritus, effective July 1, 1990.

JON L. HIGGINS, Department of Educational Theory and Practice, with the title Professor Emeritus, effective September 1, 1990.

SAAD Z. NAGI, Department of Sociology, with the title Professor Emeritus, effective August 1, 1990.

ROBERT M. RYAN, College of Social Work, with the title Professor Emeritus, effective August 1, 1990.

PHILIP D. STEWART, Department of Political Science, with the title Professor Emeritus, effective September 1, 1990.

JOHN E. ARTHUR, Department of Otolaryngology, with the title Clinical Professor Emeritus, effective July 1, 1990.

JANIS M. HUGHES, Cooperative Extension Service, with the title Associate Professor Emeritus, effective August 1, 1990.

ROBERT A. TANQUIST, College of Dentistry (Restorative and Prosthetic Dentistry), with the title Associate Professor Emeritus, effective August 1, 1990.

GEORGE SHERER, Cooperative Extension Service, with the title Assistant Professor Emeritus, effective August 1, 1990.

**PERSONNEL ACTIONS (contd)**

Medical Staff--Appointments (The Ohio State University Hospitals)

**NEW APPOINTMENTS TO MEDICAL STAFF  
1990-91**

LEA AHARONY, M.D., Department of Family Medicine, Limited Staff  
LINDA S. GRAY, M.D., Division of Rheumatology/Immunology, Attending Staff  
JOEL K. GREENSON, M.D., Department of Pathology, Attending Staff  
ARDEN K. HEGTVEDT, D.D.S., Division of Oral & Maxillofacial Surgery, Attending Staff  
VICTOR J. JOCHEM, M.D., Division of Gastroenterology, Limited Staff  
HO M. LEW, M.D., Department of Ophthalmology, Limited Staff  
DEBORAH J. LYNN, M.D., Department of Neurology, Limited Staff  
BRUCE R. PAWEL, M.D., Department of Pathology, Limited Staff  
SCHLOMO SCHNEEBAUM, M.D., Division of Surgical Oncology, Limited Staff  
DAVID R. SMITH, M.D., Department of Ophthalmology, Limited Staff  
GARY A. SMITH, M.D., Department of Pediatrics, Attending Staff  
ROY E. SMITH, M.D., Division of Hematology/Oncology, Attending Staff  
ANITA P. SOMANI, M.D., Department of Obstetrics and Gynecology, Limited Staff  
JOHN P. SOTOS, M.D., Department of Pediatrics, Courtesy Staff  
HRATCH N. SVADJIAN, M.D., Department of Psychiatry, Limited Staff  
CYNTHIA D. TRENTACOSTI, D.D.S., Division of Oral & Maxillofacial Surgery  
HARRISON G. WEED, M.D., Division of General Medicine, Attending Staff

Medical Staff--Reappointments (The Ohio State University Hospitals)

**REAPPOINTMENTS MEDICAL STAFF  
1990-91**

**DEPARTMENT OF ANESTHESIOLOGY**

**ATTENDING STAFF**

Colavincenzo, Paul R.  
Halim-Armanios, Mona Y.  
Lingam, Rao P.

**LIMITED STAFF**

Highberger, William A.

September 7, 1990 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

Medical Staff--Reappointments (The Ohio State University Hospitals) (contd)

**DEPARTMENT OF ANESTHESIOLOGY (contd)**

ATTENDING STAFF (contd)

McDonald, John S.  
Murphy, James L., Jr.  
Rypel, Gregory D.

**DEPARTMENT OF EMERGENCY MEDICINE**

ATTENDING STAFF

Martin, Daniel R.

**DEPARTMENT OF FAMILY MEDICINE**

ATTENDING STAFF

Jonas, Arthur P.  
Prescott, David H.

COURTESY STAFF

Burrier, Gail W.  
Leonard, Steven E.

LIMITED STAFF

Lindstrom, Mark A.

**DEPARTMENT OF INTERNAL MEDICINE--Division of Bone Marrow Transplantation**

ATTENDING STAFF

Kapoor, Neena

**DEPARTMENT OF INTERNAL MEDICINE--Division of Cardiology**

ATTENDING STAFF

Good, Arnold P.

COURTESY STAFF

Graber, Harry L.  
Kirschner, Stephen D.  
Murnane, Michael R.  
Sheline, Allan

LIMITED STAFF

Al-Awwa, Abdulkader  
Heiselman, Mary A.

**PERSONNEL ACTIONS (contd)**

Medical Staff--Reappointments (The Ohio State University Hospitals) (contd)

DEPARTMENT OF INTERNAL MEDICINE--Division of Dermatology

ATTENDING STAFF

Pellegrini, Arthur E.

COURTESY STAFF

Bisaccia, Emil  
Boudoulas, Olga  
Finn, James W.  
Hibler, John P.

DEPARTMENT OF INTERNAL MEDICINE--Division of Endocrinology and Metabolism

COURTESY STAFF

Larrimer, John N.

DEPARTMENT OF INTERNAL MEDICINE--Division of Gastroenterology

LIMITED STAFF

Gillespie, James R.  
Kafity, Alfred A.

DEPARTMENT OF INTERNAL MEDICINE--Division of General Medicine

ATTENDING STAFF

Gaeuman, John V.  
Martin, Daniel R.  
Murphy, Robert J.  
O'Neill, Beverly V.  
Tice, Frank D.

LIMITED STAFF

Altes, John C.  
Applegate, Mary S.  
Blakeley, Dean D.  
Boyer, Stephen H.  
Dernback, Frances D.  
Falkenhain, Michael E.  
Gandhi, Adithya K.  
Goderwis, Douglas A.  
Hoffman, Stephen P.  
Kim, John S.  
Larry, John A.  
Lefkowitz, Jeffrey A.  
Mastronarde, John G.  
Newlin, Phillip L.  
Penza, Sam L.  
Peters, Mark T.  
Putthoff, Dara E.  
Rumancik, Mark S.  
Smyke, Norman A.  
Spech, Richard A.  
Stechschulte, Mark  
Trout, Ann M.

September 7, 1990 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

Medical Staff--Reappointments (The Ohio State University Hospitals) (contd)

**DEPARTMENT OF INTERNAL MEDICINE--Division of Hematology and Oncology**

ATTENDING STAFF LIMITED

Thornton, Donald E. Rupert, Robert D.

**DEPARTMENT OF INTERNAL MEDICINE--Division of Infectious Diseases**

HONORARY STAFF

Perkins, Robert L.

**DEPARTMENT OF INTERNAL MEDICINE--Division of Rheumatology/Immunology**

ATTENDING STAFF COURTESY STAFF

Whisler, Ronald L. Thomas, Marvin H.

**DEPARTMENT OF INTERNAL MEDICINE--Division of Renal Disease**

COURTESY STAFF

Thome, Lilian T.

**DEPARTMENT OF NEUROLOGY**

LIMITED STAFF

Delphia, Maureen A.

**DEPARTMENT OF OBSTETRICS AND GYNECOLOGY**

ATTENDING STAFF COURTESY STAFF

Cordero, Leandro	Haninger, Glenn J.
McDonald, John S.	Krantz, Carl A.
	Price, Thomas, P., Jr.
	Schaeffer, Karl I.
	Vorys, Nichols

**DEPARTMENT OF OPHTHALMOLOGY**

ATTENDING STAFF LIMITED STAFF

Harnish, Wesley J.	Giesel, John N.
Laxson, L. Carol	Stahl, Brian R.

**PERSONNEL ACTIONS (contd)**

Medical Staff--Reappointments (The Ohio State University Hospitals) (contd)

**DEPARTMENT OF OTOLARYNGOLOGY**

ATTENDING STAFF

Welling, D. Bradley

**DEPARTMENT OF PATHOLOGY**

ATTENDING STAFF

Boesel, Carl P.  
Keyhani-Rofagha, Sedigheh  
Marsh, William L., Jr.  
Pellegrini, Arthur E.  
Yates, Allan J.

COURTESY STAFF

Hamoudi, Ala B.  
Hamoudi, Ayser C.

**DEPARTMENT OF PEDIATRICS**

ATTENDING STAFF

Broner, Cynthia W.  
Cordero, Leandro  
Kapoor, Neena  
Kelley, Michael T.  
Kern, Richard A.  
McClead, Richard E.  
Rennebohm, Robert M.  
Romshe, Carolyn A.  
Wheller, John J.  
Wright, Francis S.

COURTESY STAFF

Backes, Carl R.  
Bass, Jack C.  
Campanini, Maida P.  
Croft, Ann M.  
Gunyula, Lisa A.  
Richardson, Delphis C.  
Wall, Patrick M.

LIMITED STAFF

Thompson, Craig R.

**DEPARTMENT OF PHYSICAL MEDICINE AND REHABILITATION**

LIMITED STAFF

Klejka, James P.

**DEPARTMENT OF PREVENTIVE MEDICINE**

ATTENDING STAFF

Gaeuman, John V.

COURTESY STAFF

Leonard, Stevens E.

September 7, 1990 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

Medical Staff--Reappointments (The Ohio State University Hospitals) (contd)

**DEPARTMENT OF PREVENTIVE MEDICINE--Division of Sports Medicine**

**ATTENDING STAFF**

Murphy, Robert J.  
Strauss, Richard H.

**DEPARTMENT OF PSYCHIATRY**

**ATTENDING STAFF**

Dilsaver, Steven C.  
Hamill, John M.  
Hurst, Mark A.  
McCafferty, Mary J.  
Pariser, Stephen F.  
Tamimi, Raed R.

**DEPARTMENT OF PSYCHIATRY--Division of Child Psychiatry**

**ATTENDING STAFF**

Yaylayan, Shahnour

**DEPARTMENT OF SURGERY--Division of General Surgery**

**LIMITED STAFF**

Davies, Elizabeth A.  
Lee, Lori A.

**DEPARTMENT OF SURGERY--Division of Neurosurgery**

**ATTENDING STAFF**

Goodman, Joseph H.  
Miner, Michael E.  
Rossel, Charles

**COURTESY STAFF**

Kosnik, Edward J.  
Meagher, Michael J.

**LIMITED STAFF**

Finneran, Mark T.

**DEPARTMENT OF SURGERY--Division of Orthopedic Surgery**

**ATTENDING STAFF**

Lubbers, Lawrence M.

**COURTESY STAFF**

Kobus, Raymond J.

September 7, 1990 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

Medical Staff--Reappointments (The Ohio State University Hospitals) (contd)

**DEPARTMENT OF SURGERY--Division of Plastic Surgery**

ATTENDING STAFF

Postlewaite, David S.  
Zacher, Judith B.

**DEPARTMENT OF SURGERY--Division of Surgical Oncology**

LIMITED STAFF

LaValle, Gregory J.

**DEPARTMENT OF SURGERY--Division of Thoracic and Cardiovascular Surgery**

ATTENDING STAFF

Kilman, James W.

COURTESY STAFF

Cattaneo, Stephens M.  
Williams, Thomas E.

**DEPARTMENT OF SURGERY--Division of Urology**

COURTESY STAFF

Simon, James W.

**DEPARTMENT OF SURGERY--Division of Vascular Surgery**

COURTESY STAFF

Evans, William E.  
Vermilion, Blair D.

**COLLEGE OF DENISTRY--Division of Oral & Maxillofacial Surgery**

ATTENDING STAFF

Blair, Allan E.

Medical Staff--Appointments (The Arthur G. James Cancer Hospital and Research Institute)

**DEPARTMENT OF ANESTHESIOLOGY**

Howie, Michael B., M.D., Associate Attending Staff, Department of Anesthesiology

Murphy, James L., JR., M.D., Associate Attending Staff, Department of Anesthesiology

Rypel, Gregory D., M.D., Associate Attending Staff, Department of Anesthesiology

**PERSONNEL ACTIONS (contd)**

Medical Staff--Appointments (The Arthur G. James Cancer Hospital and Research Institute)  
(contd)

**DEPARTMENT OF INTERNAL MEDICINE -- Division of Cardiology**

Caldwell, Patricia B., M.D., Associate Attending Staff, Department of Cardiology

Leier, Carl Victor, M.D., Associate Attending Staff, Division of Cardiology

Magorien, Raymond Daniel, M.D., Associate Attending Staff, Division of Cardiology

Pearson, Anthony, M.D., Associate Attending Staff, Division of Cardiology

Starling, Randall Carson, M.D., Associate Attending Staff, Division of Cardiology

Wooley, Charles Francis, M.D., Associate Attending Staff, Division of Cardiology

**DEPARTMENT OF INTERNAL MEDICINE -- Division of Dermatology**

Scarborough, Dwight Allen, M.D., Clinical Attending Staff, Division of Dermatology

**DEPARTMENT OF INTERNAL MEDICINE -- Division of Endocrinology**

Cataland, Samuel, M.D., Associate Attending Staff, Division of Endocrinology

Jackson, Rebecca Dorothy, M.D., Associate Attending Staff, Division of Endocrinology

**DEPARTMENT OF INTERNAL MEDICINE -- Division of Gastroenterology**

Fromkes, John Joseph, M.D., Associate Attending Staff, Division of Gastroenterology

**DEPARTMENT OF INTERNAL MEDICINE -- Division of Hematology/Oncology**

Bourncle, Bertha A., M.D., Attending Staff, Division of Hematology/Oncology

Rinehart, John Joseph, M.D., Attending Staff, Division of Hematology/Oncology

Thornton, Donald Edward, M.D., Attending Staff, Division of Hematology/Oncology

Triozi, Pierre L., M.D., Attending Staff, Division of Hematology/Oncology

Ungerleider, James S., M.D., Attending Staff, Division of Hematology/Oncology

**DEPARTMENT OF INTERNAL MEDICINE -- Division of Pulmonary**

Davis, William Bruce, M.D., Associate Attending Staff, Division of Pulmonary

Dorinsky, Paul Michael, M.D., Associate Attending Staff, Division of Pulmonary

Kindt, Gary Charles, M.D., Associate Attending, Division of Pulmonary

Pacht, Eric Reed, M.D., Associate Attending Staff, Division of Pulmonary

September 7, 1990 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

Medical Staff--Appointments (The Arthur G. James Cancer Hospital and Research Institute)  
(contd)

**DEPARTMENT OF INTERNAL MEDICINE -- Division of Pulmonary** (contd)

Weiland, Jeffrey Earl, M.D., Associate Attending Staff, Division of Pulmonary

Wewers, Mark Damian, M.D., Associate Attending Staff, Division of Pulmonary

**DEPARTMENT OF NEUROLOGY**

Drake, Miles E., M.D., Associate Attending Staff, Division of Neurology

**DEPARTMENT OF PATHOLOGY**

Ayers, Leona W., M.D., Associate Attending Staff, Division of Clinical Pathology

Barth, Rolf Frederick, M.D., Associate Attending Staff, Division of Anatomic Pathology

Pellegrini, Arthur Edward, M.D., Associate Attending Staff, Department of Pathology

**DEPARTMENT OF OPHTHALMOLOGY**

Dangel, Matthew Edwin, M.D., Associate Attending Staff, Department of Ophthalmology

Mauger, Thomas F., M.D., Associate Attending Staff, Department of Ophthalmology

Opremcak, Emil M., M.D., Associate Attending Staff, Department of Ophthalmology

**DEPARTMENT OF OTOLARYNGOLOGY**

Welling, D. Bradley, M.D., Associate Attending Staff, Department of Otolaryngology

**DEPARTMENT OF PSYCHIATRY**

Weller, Elizabeth B., M.D., Associate Attending Staff, Department of Psychiatry

**DEPARTMENT OF RADIOLOGY**

Mueller, Charles F., M.D., Associate Attending Staff, Department of Radiology

**DEPARTMENT OF SURGERY**

Barnes, James Erle, M.D., Clinical Attending Staff, Division of Neurosurgery

Caniano, Donna Anne, M.D., Associate Attending Staff, Division of Pediatric Surgery

Riemenschneider, Herbert W., M.D., Associate Attending Staff, Division of Urology

Upon motion of Mr. Shumate, seconded by Mr. Wexner, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**RESOLUTIONS IN MEMORIAM**

Resolution No. 91-21

**Synopsis:** The Academic Affairs Committee recommended the approval of Resolutions in Memoriam for Clyde C. Allison, Delbert M. Byg, Leona J. Calvin, John H. Herrick, Ben E. Jacoby, and Marilyn M. Reed.

**RESOLVED,** That the Board adopt the following Resolutions in Memoriam and that the President be requested to convey a copy to the families of the deceased.

**Clyde C. Allison**

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on April 9, 1990, of Clyde C. Allison, Professor Emeritus in the Department of Plant Pathology.

Professor Allison, plant pathologist, was born in Champlin, Minnesota in 1905. He received the Bachelor of Science degree in 1928, Master of Science degree in 1930, and the Doctor of Philosophy degree in 1935, all from the University of Minnesota. Following the baccalaureate degree, Dr. Allison spent a year as a Student Exchange Fellow at the University of Halle, Germany. From 1936 to 1938 he was Associate Plant Pathologist with the USDA at the Tobacco Experiment Station in Greenville, Tennessee.

Joining the Department of Botany as Extension Plant Pathologist in 1938, Dr. Allison developed a comprehensive extension program with meetings, short courses, and field demonstrations throughout the State. In 1946, he attained the rank of professor and was assigned responsibility for graduate education in the area of plant pathology. Under his leadership, an outstanding graduate program in plant pathology was developed. Prior to his retirement as Professor Emeritus in 1972, he advised and supervised the research of 45 Ph.D. and 50 Master of Science students including many international students. In 1964, Dr. Allison received the University's Distinguished Teaching Award.

His goal as he taught graduate classes in plant pathology was to help students think in a logical and critical manner. This was further stressed through weekly formal and informal seminars. Scientific thinking based on an understanding of concepts and principles was emphasized rather than definitions and detailed information. He was an active member of the American Phytopathological Society, serving as Secretary from 1942-1944.

During the several years prior to and following his retirement, Professor Allison maintained a strong interest in international agriculture, contributing his expertise to the improvement of teaching, research, and extension programs in plant pathology. He held a Fulbright Lectureship at the University of Rhodesia in 1960, and accepted an assignment at the University of Sao Paulo, Brazil, from 1964 to 1969 under a Technical Assistance Contract with The Ohio State University. While in Brazil, he encouraged the formation in 1966 of a new Brazilian Society of Phytopathology. Dr. Allison served as a councilor for several years and was elected an honorary member for his assistance in the development of this Society. During brief visits to India between 1960 to 1966 he presented seminars and consulted with plant pathologists at Banaras Hindu University and Punjab Agricultural University.

**RESOLUTIONS IN MEMORIAM (contd)**

Clyde C. Allison (contd)

Through a significant contribution by Professor Allison and contributions from his many students and friends, the C.C. Allison Fund in Plant Pathology was established in 1984 by the Board of Trustees of The Ohio State University. Annual income is used each year for the presentation of the C. C. Allison Award to an outstanding undergraduate or graduate student in the Department of Plant Pathology.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Delbert M. "Bud" Byg

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on July 8, 1990, of Delbert "Bud" Byg, Professor Emeritus in the Department of Agricultural Engineering.

Professor Byg was born July 3, 1921, in Hartford, South Dakota. He graduated from Hartford Public High School as class Salutatorian in 1939. He obtained a B.Sc. Agricultural Engineering from Iowa State in 1947 and a M.Sc. in Agricultural Engineering in 1957 from The Ohio State University.

Professor Byg joined the faculty of the Department of Agricultural Engineering at The Ohio State University in 1947 teaching courses in Dairy Engineering, Farm Machinery, and Farm Electrification. In 1955, he became Farm Electrification Specialist as well as Secretary of the Ohio Farm Electrification Council. In 1958, he became the Agricultural Engineering Advisor for the University's Education and Research Mission to India. As such, he and his family lived and worked in Northwest India for more than six years. He continued to maintain a strong interest in agricultural institutional development in India and was a consultant on programs there in 1972, and again in 1979.

His international interests are reflected in his long association with the American Society of Agricultural Engineers International Relations Committee, having held all of their committee offices, as well as those of the professional development department.

From 1964 until his retirement in 1980, he was an Extension Agricultural Engineer in Farm Power and Machinery and provided leadership for educational and research programs on improved grain harvesting equipment and systems. His leadership in developing and conducting educational programs in Extension netted him more than 17 ASAE Blue Ribbon Awards and numerous citations for excellent service.

Professor Byg will always be remembered, not only for his many achievements in his profession, but for being one of the kindest, most unselfish, and most caring individuals that one would ever want to have known. The smile that was always there will not be forgotten.

On behalf of the University community, the Board of Trustees expresses to the family its deepest sympathy. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a sincere expression of the Board's realization of the loss which the family, the University, and his many associates have sustained.

### RESOLUTIONS IN MEMORIAM (contd)

Leona J. Calvin

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on July 6, 1990, of Leona J. Calvin, Instructor Emeritus in the Cooperative Extension Service.

Leona Calvin was born October 29, 1904 in Radcliff, Ohio. She received her B.S. in Education degree from The Ohio State University in 1938. Graduate work was done at Colorado State and Ohio State University where she received an M.S. degree in 1947. Her educational career began as an elementary teacher in Vinton County in 1922. She later moved to Meigs County where she continued her elementary teaching and assumed the responsibilities as principal. In 1938, she became the Vocational Home Economics teacher in Morgan and Athens counties. She moved to Ford County, Illinois, in 1943, as Home Advisor only to return to Ohio as a faculty member at Ohio University in 1944. In 1951, she joined the faculty at The Ohio State University as a home demonstration agent in Vinton County and continued in this position until her retirement from the Ohio Cooperative Extension Service in 1967.

An active participant and member of the Grange, Eastern Star, Delta Kappa Gamma, and Home Economics Club, Leona Calvin also helped organize and lead 4-H Clubs and rural youth groups.

Leona Calvin's contributions included her dedicated interests to the home economics and 4-H Extension programs in Vinton County for many years. Her continued professional contributions were deeply appreciated.

On behalf of the University community, the Board of Trustees expresses its sympathy and understanding to friends of Leona Calvin. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees as an expression of the Board's heartfelt sympathy.

John H. Herrick

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on June 28, 1990 of John H. Herrick, Executive Director Emeritus in the Office of Campus Planning and Space Utilization and Professor Emeritus in the Department of Educational Policy and Leadership.

John H. Herrick was associated with The Ohio State University for more than 60 years as student, faculty member, and administrator, beginning with his entry as a student in 1924. He received his bachelor's degree in history in 1928, master's degree in education in 1936, and the Ph.D. in educational administration in 1944 all from The Ohio State University.

After several years as a teacher and administrator in the Shaker Heights and Cincinnati Public Schools, Dr. Herrick became a University faculty member in 1947. In 1956, he was appointed Executive Director of the newly created Office of Campus Planning and Space Utilization by former President Novice G. Fawcett. Dr. Herrick left that position in 1967, returning to the faculty in Educational Administration until his retirement from the University in 1972.

Following his retirement Dr. Herrick worked part-time for another 17 years during which time he researched and wrote a five volume history of all buildings ever existing on the University main campus, a history of The Oval, a history of Mirror Lake Hollow, and a history of campus planning at the University. Dr. Herrick also located and preserved over 300 historical maps tracing the University campus development. All this work was done as a volunteer without compensation. These valuable research documents are available for historians and others to use in the University Library and in several offices on the campus.

**RESOLUTIONS IN MEMORIAM (contd)**

John H. Herrick (contd)

During his tenure as head of Campus Planning, Dr. Herrick directed development of the University campus master plan which was considered an exemplary work and used as a model by many other campuses. He was considered one of the leading authorities in educational facilities planning in the United States.

Throughout his career at the University, Dr. Herrick was associated with Kappa Phi Kappa, an education fraternity, as an active member and advisor. He was also very active in community affairs, serving on many boards and commissions in the City of Columbus.

More recently Dr. Herrick co-chaired the faculty-staff portion of The Ohio State University Campaign. The Board of Trustees in 1989 recognized Dr. Herrick's significant contributions to the University and to his profession by naming a portion of the campus loop road as "John H. Herrick Drive."

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in their loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Ben E. Jacoby

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on May 25, 1990, of Ben E. Jacoby, M.D., Clinical Associate Professor Emeritus in the Department of Obstetrics and Gynecology.

Dr. Jacoby was born in Marion, Ohio and received his undergraduate education at Ohio Wesleyan in Delaware, Ohio, graduating in 1936 with a B.A. He then went to Case Western Reserve University, graduating from the Medical School in 1940. He served his internship at the old White Cross Hospital, now known as Riverside Hospital, from 1940 to 1941, and then did a residency in obstetrics and gynecology from 1941 to 1942.

From 1942 to 1945, Dr. Jacoby served in the military with distinction in the medical corps of the U.S. Navy. He then attended the University of Pittsburgh, receiving obstetrics training as well as gynecologic pathology from 1946 to 1948, when he returned to Columbus, Ohio, to practice. He joined the faculty at The Ohio State University as a Clinical Instructor in 1952.

Dr. Jacoby was a widely respected obstetrician/gynecologist in central Ohio, and was a diligent teacher as well. He was a member of the American College of Obstetricians and Gynecologists and had received his board certification from the American Board of Obstetrics and Gynecology.

Dr. Jacoby will long be remembered for the tireless hours that he spent devoted to the education to students and residents at University Hospitals. He was a marvelous practitioner and we all will miss his devotion. Dr. Jacoby became Clinical Associate Professor Emeritus in 1988.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in their loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

**RESOLUTIONS IN MEMORIAM (contd)**

**Marilyn M. Reed**

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on June 21, 1990, of Marilyn M. Reed, Instructor Emeritus in the Cooperative Extension Service.

Marilyn Reed was born April 24, 1935, in Juneau County, Wisconsin. She received her B.S. in Home Economics from the University of Wisconsin, Madison, in 1957. She became a Home Demonstration Agent in Langlade County in Antigo, Wisconsin.

In 1959, Marilyn Reed joined The Ohio State University as an Instructor and Assistant Extension Editor, Home Economics. She found time to attend graduate school at The Ohio State University earning an M.S. degree in Adult Education. She continued in the position of Assistant Extension Editor producing and voicing a daily educational program, "Home Time" on WOSU AM radio which focused on home economic topics. She also produced short programs for radio stations throughout the state. Upon her retirement in 1987, she was named Instructor Emeritus.

Marilyn Reed was a member of The Ohio Home Economics Association and Franklin County Home Economics Association, serving as past president of both. She served as Secretary for the American Home Economics Association, Women in Communication. Other memberships included the Quota Club of Columbus, Epsilon Sigma Phi, O.S.U. Faculty Club, Extension Professors Association, University Women's Club, and the Clintonville Women's Club. She served on the Home Economics Committee for the Farm Science Review, almost from its inception and was the adviser for the Spectrum, the Home Economics student newsletter. She attended many Extension conferences throughout her association with the Ohio Cooperative Extension Service.

Her contributions in providing excellent Extension educational programs during her career earned Marilyn Reed the respect and admiration of her co-workers and many thousands of Ohio citizens throughout the length and breath of Franklin County.

On behalf of the University community, the Board of Trustees expresses its sympathy and understanding to the family of Marilyn Reed. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Upon motion of Mr. Shumate, seconded by Mr. Teaford, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**STUDENT AFFAIRS COMMITTEE REPORT**

Ms. Paige:

This morning we heard an update on Student Life presented by Dean Richard Hollingsworth. In summary, the Office of Student Life is a division of Student Affairs which has restructured and stream-lined its operations to enable staff to gain a higher level of understanding about students and their educational experiences. The department will emphasize the assessment of the quality of student life; advocacy on behalf of students; and in-service programs in educational

### STUDENT AFFAIRS COMMITTEE REPORT (contd)

Ms. Paige: (contd)

opportunities which are critical for the student's development in the success at The Ohio State University.

Staff from Student Life and Student Affairs who regularly work with students have identified several general issues which will require the attention of all members of the University community. These issues include:

- 1) The cost of education: including the increasing amounts of debts being carried by students; students needing to work more hours as they assume the increased share of educational expenses; and staff benefits for graduate assistants.
- 2) Safety: including street crime, acquaintance violence, and incidence of hate behavior, and harassment.
- 3) Increased academic competitiveness: the quality of instruction; academic resources; and a high academic advisor/counselor to advisee ratios.
- 4) Mental and physical health issues: including alcohol and other substance abuse; sexually transmitted diseases, particularly herpes and AIDS; stress resulting from academic, financial, family, and social demands; as well as frustration with the system.

There are also many promising trends evident in today's students. Students are more serious about their studies and have high academic goals. They are increasingly involved in the community service and volunteer opportunities and are assuming leadership for peer education areas of substance abuse, AIDS, and human relations. Students are demonstrating an increased concern for the environment and other social and political issues. In the future, we can expect students to seek greater university involvement and accountability with these issues, trends, and related areas.

After Dean Hollingsworth's report we heard reports from the student government leaders:

Mr. John McClintock:

Good morning. I am John McClintock, Treasurer of the Council on Graduate Students. Our President, Benetta Burton, and Vice President, Randy Rush, have their general exams this week and can't make it, so Luke Evans, the former President of CGS last year, and myself will be speaking on their behalf.

The Council of Graduate Students is preparing for the upcoming Orientation Program to welcome the new graduate students to the University. It will be held on September 17, from 8:30 to 11:30 a.m. The program will include addresses by the President of our Council, Benetta Burton, the Associate Dean of the Graduate School, Jean Dickerscheid, and other distinguished speakers. At that time we will hold a "For Your Information Session," conducted by several of our current students. It will give the new students an opportunity to ask questions and receive answers concerning graduate life at the University. The session will end with a library

**STUDENT AFFAIRS COMMITTEE REPORT (contd)**

Mr. McClintock: (contd)

workshop and a tour of the various departmental libraries. We believe this orientation program will be both informative and enlightening.

The Council is also hosting a reception and welcome party for the new students. We like to honor their achievements as new graduate students and welcome them into the University. The reception will be held on Thursday, September 20, from 7:00 to 10:30 p.m. There will be refreshments, music, and door prizes. We are also grateful for the support of the Graduate School and the Office of International Students and Scholars, as well as the business community, who donated the door prizes.

We will be preparing a summary of the activities that our various committees have been actively involved in this summer and we'd like to present that to you at the next session of the Board. At this time Luke will tell you some of the current issues that we are dealing with.

Mr. Luke Evans:

One of the current issues that we are working on is our quarter reevaluation. Our Quarter Reevaluation Committee took an informal poll of graduate students this summer and we are receiving back a strong response from that poll. Basically, we asked the graduate students what their experiences have been with previous calendars, what their preference has been, and what they would like to see changed here at Ohio State, if anything. I don't have the statistics with me -- they are still being compiled -- but the last I saw them, over 60 percent of the people were overwhelmingly in favor of some form of early semester system.

Mr. Tonnies:

Is that just for graduate students?

Mr. Evans:

Just graduate students. This is not a scientific poll. You can only generalize to those people who turn the surveys back in, not for all 10,000 graduate students.

Ms. Paige:

What type of return did you have?

Mr. Evans:

We have probably 300 right now. We sent out 1,000. That is not too bad considering that many people are not here right now. The office is still receiving responses. We are hoping to correlate the responses with the preferences to what their previous experiences have been. We suspect that perhaps the people who are in favor of a quarter system have probably not experienced any other system. However, most graduate students have experienced other systems if they are coming from other universities. Most universities are on some form of semester system -- about 80 percent.

**STUDENT AFFAIRS COMMITTEE REPORT (contd)**

Ms. Paige:

Your proposal would be that the whole University go on the semester system, or are you talking about, specifically, the Graduate School students?

Mr. Evans:

No. I don't think that would be feasible at such a large institution. It is okay for the Law School, which is sort of off by itself, but not for the Graduate School. We are thinking along the lines that the early semester would be more feasible for a school of this size and should be a part of the strategic plan of this University for the next decade.

Ms. Paige:

Have you done any investigation on other institutions that have switched from quarter to semester?

Mr. Evans:

Yes. We received a packet from Michigan State which is switching to early semester in 1992. I just did a literature review -- there is no research as such, what is written is in the form of reports from college and university administrations. Basically, what we can do is read those and see what others' experiences have been. We are looking not only at the academic benefits of being on a semester system, such as doing better work, but also we are looking at the cost implications that may exist for the university. For example, three registration periods are probably cheaper than four and less paperwork. We also want to see if the quarter system brings on a lot of stress. Quarter systems are in place in schools like Stanford and Chicago. Chicago is where it started. But those are smaller institutions and maybe they can arrange their curriculum in such a way that it doesn't have any significance.

President Gee:

Have we taken a serious look at semester versus quarter? Have we come to some conclusion? Is that what you're saying, that we haven't come to some conclusion?

Mr. Evans:

Obviously the University has come to a conclusion, because they have remained with the quarter system.

President Gee:

That doesn't mean that they have come to a conclusion at all, it means that they have come to inertia, perhaps.

Mr. McClintock:

The conclusion reached was that it is agreeable with maybe 50 percent of the population of the University. My own sense is that there is about a 50/50 split across the University.

**STUDENT AFFAIRS COMMITTEE REPORT (contd)**

Dr. Herb Asher:

There actually were some surveys done with faculty and students and there was a substantial minority of faculty who opposed any change. The plurality of faculty, I think, did favor a semester system. The students opposed it. I think it was an OSU poll and when the students were asked about this they opposed the change. The most common reason being given in this whole survey was that if you had a bad class, it was over sooner! There really hasn't been a full and thorough discussion of this, and I think the main reason is that it is a very difficult issue given the diversity of the institution.

President Gee:

I guess that is what I am driving at. It strikes me that rather than having one segment of our University family thrashing about over this issue, if we are going to revisit it, maybe we ought to revisit it in a very substantive way for all parties involved. I have been here only four days, but I think that it is an issue that should be revisited. I think what you are suggesting is that we do it in a comprehensive fashion involving all of the various parties. Sophia, it just strikes me that this is an issue of major interest. I know Michigan State is moving to the semester system and that there are several institutions considering moving to quarter systems -- it is not necessarily a one-way flow. Maybe we ought to talk about how we could get a systematic, comprehensive approach with all of the various constituencies involved. We could get that done in some sort of short order so that we don't continually revisit this. We could look at what the strengths of the issues are, what the problems with change are, and what the opportunities are.

In any kind of survey where there is a lack of information, that ambiguity can create difficulties. So there is always going to be a large proportion of people who say "don't change," because they think that it may in some way adversely effect them directly. I suspect that is due to a lack of information and not due to some commitment to either a semester or a quarter system.

Dr. Asher:

Some groups of faculty members have been upset by the quarter system for a long period of time. I think in the last 2 or 3 years they have pushed the issue of greater flexibility in course scheduling, and that has gone through the Office of Academic Affairs. It was typically the case at this University, that an undergraduate course was a 5 credit-hour course, and was taught five days a week. Many faculty felt that that was the most onerous part of the quarter system. Other institutions may have had a quarter system, but they may have had classes Monday, Wednesday, and Friday. But there was this alleged rule that a 5-hour class met five times a week. I think that in the last year and a half there has been greater flexibility for it in scheduling -- which ameliorates some objections. But, again, there has not been a full review. I think people have just tried to adjust to it, without addressing the fundamental issues.

**STUDENT AFFAIRS COMMITTEE REPORT (contd)**

President Gee:

My strong inclination would be that we all join together and institute, through our government systems and administrative reviews, a formal review. I think the information we are going to provide will be interesting and helpful, but it ought to be part of a larger mosaic in which there is a determined time in which we can make some decisions. I don't know if you agree, but I think it would be very helpful.

Mr. Evans:

Oh, yes, we agree. We just thought we would start with the graduate students first to see what their preliminary interests might be.

President Gee:

I would urge you to continue with that, but I would like to put that into a more comprehensive mosaic.

Mr. Evans:

We certainly understand and believe that if anything like this is beneficial it has to benefit everyone -- administrators, faculty, and students. Which is tough to do.

President Gee:

Certainly it will not be universally applauded, whatever you do.

Mr. Evans:

Also, we would like to welcome you, President Gee, to the University.

President Gee:

Thank you. I noticed, by the way, that you have a reception on September 20.

Mr. McClintock:

Yes, September 20, from 7:00 to 10:30 p.m., in the Ohio Union. If you are able to come, please do.

President Gee:

I'm particularly intrigued where the invitation said a "good band" would be there, because I love to dance.

Mr. McClintock:

We would be glad to have you.

Ms. Paige:

We will now have a report from the Undergraduate Students.

**STUDENT AFFAIRS COMMITTEE REPORT (contd)**

Mr. Mike Clark:

Good morning. I just have a few areas of concern that I want to talk about. We are finalizing all of our internal reorganization of the Undergraduate Student Government and are getting ready for the fall and the upcoming year.

We concentrated most of our time and efforts this summer on a few big projects. We are preparing for the Voter Registration Campaign. We feel that a more informed student is going to be a more involved student. That is our major goal for this year. We want to get the student body more involved in what is happening within the University. We feel by starting off with the Voter Registration Campaign for the gubernatorial race, that it might carry over and get students more involved in the democratic process that we have here.

On the September 19, which is our tentative date, we are going to kick-off our voter registration drive. Senator Watts and Representative Mike Stinziano are going to come and help by working a voter registration booth. We will have registration booths set up across the campus, making them more accessible for the students to register to vote.

In addition, we have gone ahead with a joint invitation with the American Association of University Professors to sponsor a debate between Mayor Voinovich and Mr. Celebreeze. We have submitted letters to both sides and they are both reviewing it now. We are waiting to hear back to see if they will be interested. We are trying to come up with a time, and we are tentatively trying to reserve the Mershon Auditorium. We hope to have the discussions center around higher education issues and things of that nature. Again, we feel that a more informed student is going to be a more involved student. So what better way than to have a debate here at the campus, where more students would be able to attend. We also feel this is a very unique invitation because it is a joint invitation of faculty and students. And what better place to talk about higher education issues than at the flagship university of the State of Ohio.

Lastly, I would like to thank Dr. Spillman for giving us a 16 percent increase for our Crime Watch Escort Program. We feel this is going to help us increase the number of people we have providing the safety escorts -- being those extra eyes and ears for the police department. The money will also help us in publicizing the service better. Right now, our safety escort service is publicized by word of mouth and we would like to reach more students. This is the first time that we have received an increase since the program started five years ago. We are very excited about that.

In a nutshell, those were our major accomplishments this summer. We are really looking forward to a very good year.

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## **AGRICULTURAL AFFAIRS COMMITTEE REPORT**

Ms. Casto:

This morning we heard about the 28th Edition of the Ohio State Farm Science Review which will be held September 18, 19, and 20. We are expecting over 10,000 people over the attendance last year, which is 135,000 -- so it is not just a small farm event.

Special events that are planned for the 1990 Review include the Vice President's Recognition Luncheon on September 18. Attending this luncheon will be the family of Dr. James D. Utzinger, in whose memory the 1990 Review is dedicated, and the first five inductees into the Farm Science Review Hall of Fame. On Wednesday, September 19, Clayton Yeutter, U.S. Secretary of Agriculture, will visit the review and give a public presentation.

(See Appendix XIII for the Report: The 1990 Farm Science Review, page 321.)

Also, we heard about the so called, "Killer Bees" -- the Africanized Honey Bees. Dr. James E. Tew, Associate Professor in the Agricultural Technological Institute and Bee Keeping Specialist with the Ohio Cooperative Extension Service, described a unique cooperative program between The Ohio State University and the U.S. Department of Agriculture regarding the Africanized Honey Bee, sometimes referred to as the "killer bee."

Since 1972, The Ohio State University Department of Entomology has played a major role in studying the Africanized Honey Bee. During September 1988, Dr. Tew began serving as the National Program Leader for the Extension Service of the USDA in Washington, D.C. In his USDA responsibilities, Dr. Tew serves as a liaison between individual state cooperative extension services and the Extension Services, USDA. He also represents the Extension Service on the USDA's Interagency Technical Working Group on the Africanized Honey Bee. Dr. Tew's national responsibilities have helped us to maintain The Ohio State University's internationally recognized bee keeping reputation.

(See Appendix XIV for The Africanized Honey Bee and The Ohio State University, page 323.)

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## **FISCAL AFFAIRS COMMITTEE REPORT**

Mr. Teaford:

The Fiscal Affairs Committee is recommending the following resolutions:

### **Waivers of Competitive Bidding Requirements April - June 1990**

#### Background

During the period covered, the Vice President for Business and Administration, at the requests of the departments making the purchases and upon the recommendation of the Purchasing Department, granted 43 waivers of competitive bidding requirements. Annual purchases authorized by these waivers total approximately \$1,724,500.00. The purchases included:

**Waivers of Competitive Bidding Requirements  
April - June 1990 (contd)**

Background (contd)

Hospitals - Equipment & Services	\$396,188	(13 waivers)
Hospitals - Professional Medical Services	100,000	(1 waiver)
Hospitals - Construction	134,810	(2 waivers)
Emergency Helicopter Transport Services	200,000	(1 waiver)
Automated Library Services	187,993	(2 waivers)
Research Services for Net Shape Manufacturing	150,000	(1 waiver)
Teaching & Research Equipment & Services	140,029	(8 waivers)
Administrative Support Equipment & Services	131,482	(9 waivers)
Athletics - Computer Equipment	130,716	(1 waiver)
Speakers & Performers	98,699	(3 waivers)
Transportation for Young Scholars Program	27,500	(1 waiver)
Men's Basketball Team European Tour	27,045	(1 waiver)

**WAIVERS OF COMPETITIVE BIDDING REQUIREMENTS  
APRIL - JUNE 1990**

Resolution No. 91-22

Synopsis: The Fiscal Affairs Committee recommended the acceptance of the quarterly report on waivers of competitive bidding requirements.

WHEREAS the Purchasing Policy of The Ohio State University, adopted by the Board of Trustees on September 7, 1984, provides that the President and/or the Vice President for Business and Administration may grant a waiver from competitive bidding in the event of an emergency, when a sufficient economic reason exists, or when the goods or services can be purchased from only a single source, with a report on such waivers to be made quarterly to this Board; and

WHEREAS the Acting Vice President for Business and Administration has submitted a report on waivers of competitive bidding requirements granted for the period of April-June 1990, and the Fiscal Affairs Committee recommends the acceptance of this report:

NOW THEREFORE

BE IT RESOLVED, That the report on waivers of competitive bidding requirements for the period of April-June 1990, is hereby accepted.

Upon motion of Mr. Teaford, seconded by Ms. Casto, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS**

Resolution No. 91-23

Synopsis: The Fiscal Affairs Committee recommended the approval of the research contracts, grants, and gifts and the summaries for June and July 1990.

WHEREAS monies are solicited and received on behalf of the University from governmental, industrial, other agencies, alumni, and various individuals in support of research, instructional activities, and service; and

WHEREAS such gifts and grants are received through The Ohio State University Research Foundation, the Engineering Experiment Station of The Ohio State University, The Ohio State University Development Fund, and The Ohio State University Foundation:

NOW THEREFORE

BE IT RESOLVED, That the research agreement between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the reports from the Engineering Experiment Station, The Ohio State University Development Fund, and The Ohio State University Foundation during the months of June and July 1990 be approved.

Upon motion of Mr. Teaford, seconded by Mr. Shumate, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

SUMMARY FOR JUNE 1990

Background

Source	No. of Projects	Support Level
The Ohio State University Research Foundation	203	\$17,503,938.83
Engineering Experiment Station	26	\$ 575,660.00
Total	229	\$18,079,598.83
The Ohio State University Development Fund		
Establishment of Named Funds		
The Robert Bartels Fund for College Development (College of Business - enhance its capabilities and prestige)		\$ 200,000.00
The Robert Bartels Fellowship in Marketing Fund (Doctoral fellowships)		\$ 130,000.00
The Robert Bartels Fellowship for Master of Business Administration Fund (Fellowships)		\$ 130,000.00

September 7, 1990 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**SUMMARY FOR JUNE 1990 (contd)**

Background (contd)

The Ohio State University Development Fund (contd)

Establishment of Named Funds (contd)

The Robert Bartels Graduate Fellowship in Business Fund (Fellowships to doctoral students in Marketing, Finance, or Management)	\$ 130,000.00
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The Robert Bartels Graduate Fellowship in International Business Fund (Fellowships)	\$ 130,000.00
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The Robert Bartels Scholarship Fund for Study Abroad (Scholarships to undergraduate students, preferably in Business, whose major requires or would signifi- cantly benefit from study abroad)	\$ 130,000.00
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The Robert Bartels Undergraduate Scholarship Fund (Scholarships - College of Business)	\$ 130,000.00
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The Iola Keller Brown Scholarship Fund (Scholarships - College of Human Ecology)	\$ 20,000.00
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Change in Name and Description of Named Fund

From: The Dairy Science Chair in Lactational Physiology and Mammary Health  
To: The Dairy Science Chair Fund in Lactational Physiology and Mammary Health

**SUMMARY FOR JULY 1990**

Background

Source	No. of Projects	Support Level
The Ohio State University Research Foundation	149	\$15,988,134.07
Engineering Experiment Station	37	\$ 1,445,249.00
Total	229	\$17,433,383.07

September 7, 1990 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**SUMMARY FOR JULY 1990 (contd)**

Background (contd)

The Ohio State University Development Fund

**Establishment of Named Funds**

The Gustavus and Sidney L. Basch Memorial Fund  
(Create and maintain a library for Japanese  
and Russian books and literature) \$ 1,037,082.99

The Mildred M. Hugger Medical Research Fund  
(Research - cardiac and vascular diseases and  
diseases of the eye) \$ 157,701.00

The Charles E. Thorne Graduate Fellowship Fund  
(Fellowships - for students conducting thesis  
research on projects administered by OARDC) \$ 145,000.00

The Dr. Warren G. Morris Memorial Fund  
(Support pediatric optometry) \$ 30,568.40

The Mary E. Alford Cancer Research Endowment Fund  
(Support cancer research) \$ 25,000.00

The Lydia D. Bruny Memorial Scholarship Fund  
(Scholarships - students from Guernsey, Fairfield  
or Perry Counties in the Colleges of Agriculture or Human Ecology) \$ 15,000.00

The William "Bill" and Nellie Draut Scholarship Fund  
(Scholarships - Home Economics Education) \$ 15,000.00

The Robert Hubbell Magnuson Ophthalmology Education Fund  
(Support projects and activities) \$ 15,000.00

The Ohio State University Foundation

**Approval of Description and Establishment of Fund**

The Ford Motor Company Chair in Electromechanical Systems Fund \$ 350,000.00

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION**

Report - June 1990

**Federal Research Contracts/Grants**

**\$2,797,854.00** - International Development Cooperation Agency, Agency for International Development, Washington, D.C., Manpower for Agricultural Development in Uganda, Office of International Programs in Agriculture (D. O. Hansen and J. M. Erbaugh), 1 October 1990 through 30 September 1991. (Project 764443 - Continuation)

**\$451,684.00** - Department of Health and Human Services, National Institute of Mental Health, Rockville, Maryland, Neurobehavioral Deficit and Psychopathology in HIV+ Men, Department of Psychiatry (R. A. Bornstein and H. A. Nasrallah), 1 July 1990 through 30 June 1991. (Project 767581 - Continuation)

**\$417,773.00** - Department of Health and Human Services, National Heart, Lung, and Blood Institute, Bethesda, Maryland, Investigation of Problem-Solving and Man-Machine Systems, Department of Pathology (J. W. Smith and M. S. Kennedy), Department of Industrial and Systems Engineering (P. J. Smith), and Department of Computer and Information Science (B. Chandrasekaran), 1 July 1990 through 30 June 1991. (Project 766119 - Continuation)

**\$397,852.00** - National Science Foundation, Washington, D.C., Corridor Aerogeophysics of the Southeastern Ross Transect Zone (CASERTZ), Byrd Polar Research Center (D. H. Elliot and D. Blankenship), 15 May 1990 through 30 April 1991. (Project 768224 - New)

**\$261,994.00** - Department of Health and Human Services, National Institute of Diabetes and Digestive and Kidney Diseases, Bethesda, Maryland, Lymphocyte Endothelial Interactions in Rejection, Department of Surgery (C. G. Orosz), 1 July 1990 through 30 June 1991. (Project 764493 - Continuation)

**\$261,909.00** - National Science Foundation, Washington, D.C., Boundary Layer Dynamics Over West Antarctica, Byrd Polar Research Center (D. H. Bromwich), 15 May 1990 through 30 April 1991. (Project 768292 - New)

**\$239,040.00** - Department of Agriculture, Science and Education, Washington, D.C., The Organization and Performance of World Food Systems, Department of Agricultural Economics and Rural Sociology - OARDC and Department of Agricultural Economics and Rural Sociology (D. R. Henderson), 1 January 1989 through 31 December 1991. (Project 767311 - Continuation)

**\$237,633.00** - Department of Health and Human Services, National Institute of General Medical Sciences, Bethesda, Maryland, Mitochondria Biogenesis and Reverse Transcriptases, Department of Molecular Genetics (A. M. Lambowitz), 1 September 1990 through 31 August 1991. (Project 765538 - Continuation)

**\$234,685.00** - Department of Health and Human Services, National Cancer Institute, Bethesda, Maryland, Human Leucocyte Fragment Crystallizable Receptor Structure and Function, Department of Internal Medicine (C. L. Anderson), 1 July 1990 through 30 June 1991. (Project 765701 - Continuation)

September 7, 1990 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$207,337.00 - Department of Health and Human Services, National Cancer Institute, Bethesda, Maryland, Cytotoxic Cocarcinogenic and Antileukemic Agents, Department of Chemistry (L. A. Paquette), 1 June 1990 through 31 May 1991. (Project 763284 - Continuation)

\$191,086.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, Cognitive Engineering in Aerospace Applications, Department of Industrial and Systems Engineering (D. D. Woods and P. J. Smith), 1 April 1990 through 31 March 1991. (Project 767386 - Continuation)

\$189,630.00 - Department of Education, Office of Postsecondary Education, Washington, D.C., Upward Bound Program, Office of Minority Affairs (L. K. Jackson), 1 September 1990 through 31 August 1991. (Project 767700 - Continuation)

\$155,840.00 - Department of Health and Human Services, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Ehrlichiaacid Mechanism by Macrophage  $Ca^{++}$  Mobilization, Department of Veterinary Pathobiology (Y. Rikihisa), 1 August 1990 through 31 July 1991. (Project 768401 - New)

\$155,372.00 - Department of Health and Human Services, National Cancer Institute, Bethesda, Maryland, Molecular and Functional Analysis of Human Class 1 Heparin-Binding Growth Factor (HBGF), Department of Internal Medicine and Comprehensive Cancer Center (I. M. Chiu), 1 July 1990 through 30 June 1991. (Project 766083 - Continuation)

\$155,280.00 - Department of Health and Human Services, Bureau of Health Professions, Rockville, Maryland, Medical Careers Pathway (MEDPATH), Medicine Administration (S. M. Kantor), 1 September 1990 through 31 August 1991. (Project 768331 - New)

\$147,433.00 - Department of Health and Human Services, National Institute of General Medical Sciences, Bethesda, Maryland, Metal Ion Catalysis in Group and Proton Transfer, Department of Chemistry (D. L. Leussing), 1 July 1990 through 30 June 1991. (Project 768391 - New)

\$145,286.00 - Department of Health and Human Services, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Neuronal Development, Plasticity, and Regeneration, Department of Anatomy (G. F. Martin, Jr.), 1 July 1990 through 30 June 1991. (Project 767734 - Continuation)

\$145,000.00 - Department of the Interior, Bureau of Mines, Washington, D.C., Mining and Mineral Resources Research Institute -- Annual Allotment, Department of Materials Science and Engineering (G. R. St. Pierre), 1 June 1990 through 31 May 1991. (Project 768296 - New)

\$140,876.00 - Department of Health and Human Services, National Institute of General Medical Sciences, Bethesda, Maryland, Functional Domains of the HSV-1 65K DNA Binding Protein, Department of Microbiology and Immunology (D. S. Parris), 1 July 1990 through 30 June 1991. (Project 765482 - Continuation)

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$134,680.00 - Department of Education, Office of Postsecondary Education, Washington, D.C., Continuation of The Ohio State University's Undergraduate Middle East Studies Center, University Center for International Studies (A. M. Payind), Office of International Affairs (C. F. Hermann), and Graduate School Administration (R. A. Koenigsnecht), 15 August 1990 through 14 August 1991. (Project 766980 - Continuation)

\$133,569.00 - Department of Health and Human Services, National Heart, Lung, and Blood Institute, Bethesda, Maryland, The Immune Complex-Mediated Glomerulopathies, Department of Internal Medicine (L. A. Hebert), 1 July 1990 through 30 June 1991. (Project 761786 - Continuation)

\$124,188.00 - Department of Agriculture, Science and Education, Washington, D.C., New Uses for Agricultural Products, Department of Agricultural Economics and Rural Sociology - OARDC and Department of Agricultural Economics and Rural Sociology (T. L. Sporleder and C. R. Zulauf), 1 July 1989 through 30 June 1991. (Project 767650 - Continuation)

\$122,593.00 - Department of Health and Human Services, National Cancer Institute, Bethesda, Maryland, Pharmacodynamics of Agents for Bladder Cancer Intravesical Therapy, College of Pharmacy (J. L. Au) and Department of Surgery (M. G. Wientjes), 1 June 1990 through 31 May 1991. (Project 767508 - Continuation)

\$117,757.00 - Department of Energy, Argonne, Illinois, The Hydrogen Induced Stress Corrosion Cracking of Nickel Base Alloys in High Temperature Water, Department of Materials Science and Engineering (P. G. Shewmon and S. S. Smialowska), 1 June 1990 through 31 May 1991. (Project 766068 - Continuation)

\$116,827.00 - Department of Health and Human Services, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Developmental Plasticity of Descending Spinal Pathways, Department of Anatomy (G. F. Martin, Jr.), 1 July 1990 through 30 June 1991. (Project 766115 - Continuation)

\$116,635.00 - Environmental Protection Agency, Washington, D.C., Bulky Metabolite Modification of Transcriptionally Active Genes, Department of Physiological Chemistry and Comprehensive Cancer Center (G. E. Milo), 21 May 1990 through 20 May 1992. (Project 768291 - New)

\$104,046.00 - Department of Education, Office of Special Education and Rehabilitation Services, Washington, D.C., Preservice Training for Ohio School Psychologists to Provide Related Services Promoting Placement in the Least Restrictive Environment for Students Who Are Severely Handicapped, Education Administration and School of Health, Physical Education, and Recreation (K. D. Arnold), 1 June 1990 through 31 May 1991. (Project 766059 - Continuation)

\$102,827.00 - National Science Foundation, Washington, D.C., Limit and Averaging Theorems in Ergodic Theory, Department of Mathematics (L. Sucheston, J. M. Rosenblatt, and V. Bergelson), 1 December 1990 through 30 November 1991. (Project 766791 - Continuation)

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$102,767.00 - Department of Health and Human Services, National Center for Nursing Research, Bethesda, Maryland, The Health of Homeless and Poor School-Aged Children, Department of Family and Community Nursing (J. D. Wagner), 5 June 1990 through 4 June 1992. (Project 768333 - New)

\$93,026.00 - Department of Health and Human Services, National Institute of General Medical Sciences, Bethesda, Maryland, The Application of Low Temperature Chemistry and Kinetics to Photoaffinity Labeling, Department of Chemistry (M. S. Platz), 1 July 1990 through 30 June 1991. (Project 765496 - Continuation)

\$91,641.00 - Department of Health and Human Services, National Heart, Lung, and Blood Institute, Bethesda, Maryland, Cell-Mediated Immunity Regulation and Reinfection: Role of Contraceptive Hormone, Oral Biology (J. F. Sheridan), 1 July 1990 through 30 June 1991. (Project 766852 - Continuation)

\$91,613.00 - Department of Health and Human Services, National Cancer Institute, Bethesda, Maryland, Novel Uracils, Pyrimidines, Azoles, and Purines, Department of Chemistry (H. Shechter), 1 June 1990 through 31 May 1991. (Project 762793 - Continuation)

\$87,450.00 - Department of Housing and Urban Development, Washington, D.C., Community Development Work Study Program, Department of City and Regional Planning (D. F. Bertsch), 26 March 1990 through 25 March 1992. (Project 768283 - New)

\$87,322.00 - Department of Health and Human Services, National Cancer Institute, Bethesda, Maryland, Aberrant Papovavirus Replication After Genotoxic Damage, Department of Radiology (R. M. Snapka), 1 June 1990 through 31 May 1991. (Project 766206 - Continuation)

\$85,569.00 - Department of Health and Human Services, National Institute on Aging, Bethesda, Maryland, Age-Related Changes in the Perception of Speech, Division of Speech and Hearing Science (R. A. Fox), 1 July 1990 through 30 June 1991. (Project 767540 - Continuation)

\$84,478.00 - Department of Health and Human Services, National Institute of Arthritis and Musculoskeletal and Skin Diseases, Bethesda, Maryland, Determination of Proteins Associated with Dystrophin, Department of Physiological Chemistry and Department of Neurology (A. M. Burghes), 1 July 1990 through 30 June 1991. (Project 767635 - Continuation)

\$82,923.00 - Department of Health and Human Services, National Institute of Dental Research, Bethesda, Maryland, Colorant Formulation of Polymeric Prosthetic Materials, Restorative and Prosthetic Dentistry (W. M. Johnston), 1 July 1990 through 30 June 1991. (Project 766900 - Continuation)

\$82,163.00 - Department of Health and Human Services, National Cancer Institute, Bethesda, Maryland, Phase Ib Clinical Trial of Immunotherapy with Interleukin-2 Alone or in Combination with Adoptive Transfer of Cytotoxic Cells, Department of Internal Medicine (J. J. Rinehart and P. L. Triozzi), 29 June 1990 through 31 May 1991. (Project 766420 - Continuation)

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

**\$80,261.00** - Department of Health and Human Services, National Institute of Diabetes and Digestive and Kidney Diseases, Bethesda, Maryland, A Study of Ionic Channels in Pituitary Somatotrophs, Department of Pharmacology (J. J. Enyeart), 1 May 1990 through 30 April 1991. (Project 766691 - Continuation)

**\$80,000.00** - National Science Foundation, Washington, D.C., Numerical Cosmology, Department of Astronomy (J. V. Villumsen), 15 May 1990 through 30 April 1992. (Project 768358 - New)

**\$78,400.00** - National Science Foundation, Washington, D.C., Identification of Sequences Necessary for the Regulation and Function of p33 in Carrot, Biotechnology Program and Department of Agronomy (M. L. Tierney), 1 August 1990 through 31 July 1991. (Project 767706 - Continuation)

**\$77,420.00** - National Science Foundation, Washington, D.C., Chemotaxis as a Determinant of Competitive Success in Soil, Rhizosphere, and Symbiotic Infection, Department of Agronomy - OARDC and Department of Agronomy (W. D. Bauer), 1 May 1990 through 30 April 1991. (Project 767326 - Continuation)

**\$75,000.00** - Department of Transportation, National Highway Traffic Safety Administration, East Liberty, Ohio, Unified Head Injury Theory, Department of Mechanical Engineering (R. L. Stalnaker), 1 January 1990 through 31 December 1990. (Project 764510 - Continuation)

**\$75,000.00** - National Science Foundation, Washington, D.C., Ice Sheet Dynamics in Central Greenland, Byrd Polar Research Center (J. Bolzan), 1 April 1990 through 30 September 1991. (Project 767423 - Continuation)

**\$74,658.00** - Department of Health and Human Services, National Institute of Dental Research, Bethesda, Maryland, Role of Polyamines in Calmodulin and C-Kinase Regulation, Periodontology (J. D. Walters), 1 July 1990 through 30 June 1991. (Project 765508 - Continuation)

**\$74,521.00** - Department of Education, Office of Special Education and Rehabilitation Services, Washington, D.C., Doctoral Study in Adapted Physical Education Teacher Training and Research, School of Health, Physical Education, and Recreation (P. Jansma), 1 July 1990 through 30 June 1991. (Project 768318 - New)

**\$73,500.00** - National Science Foundation, Washington, D.C., Molecular Phylogeny and Evolution of Compositae of the Juan Fernandez Islands, Department of Botany (D. J. Crawford and T. F. Stuessy), 1 July 1990 through 30 June 1991. (Project 767622 - Continuation)

**\$69,584.00** - Department of Education, Office of Special Education and Rehabilitation Services, Washington, D.C., Serving Persons with Disabilities in Vocational Education: Training the Teacher Trainers, Center on Education and Training for Employment (R. D. Ryan), 1 September 1990 through 30 August 1991. (Project 767903 - Continuation)

**\$69,000.00** - National Science Foundation, Washington, D.C., Tectonomagmatic and Event-Stratigraphic Significance of Lower Paleozoic K-Bentonites in the Iapetus Region of North America and Northwestern Europe, Department of Geology and Mineralogy (S. Bergstrom), 15 June 1990 through 31 May 1992. (Project 768332 - New)

September 7, 1990 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$68,400.00 - National Science Foundation, Washington, D.C., Geometry and Representations of Lie Groups and Algebras, Department of Mathematics (L. Casian), 15 June 1990 through 31 May 1993. (Project 768390 - New)

\$64,987.00 - Department of Health and Human Services, National Heart, Lung, and Blood Institute, Bethesda, Maryland, Mediastinal Effects on Pulmonary Function, Department of Veterinary Physiology and Pharmacology (L. E. Olson), 1 June 1990 through 31 May 1991. (Project 766765 - Continuation)

\$64,868.00 - Department of Health and Human Services, National Cancer Institute, Bethesda, Maryland, Pharmacodynamics of Agents for Bladder Cancer Intravesical Therapy, College of Pharmacy (J. L. Au), 1 September 1990 through 31 August 1991. (Project 768329 - New)

\$64,803.00 - Department of Health and Human Services, National Heart, Lung, and Blood Institute, Bethesda, Maryland, Correlation of 3-D Coronary Axial Geometry and Pathology, Biomedical Engineering Center (M. H. Friedman), 1 July 1990 through 30 June 1991. (Project 766943 - Continuation)

\$63,400.00 - National Science Foundation, Washington, D.C., Engineering Research Equipment Grant: A High Power Visible/UV Nd:YAG Laser System, Department of Mechanical Engineering (M. Samimy and Y. G. Guezennec), 1 October 1990 through 30 September 1991. (Project 768361 - New)

\$63,019.00 - Department of Health and Human Services, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Molecular Studies of *Pseudomonas aeruginosa* Exotoxin A, Department of Microbiology (D. R. Galloway), 1 June 1990 through 31 May 1991. (Project 766775 - Continuation)

\$62,000.00 - National Science Foundation, Washington, D.C., Presidential Young Investigator Award, Department of Linguistics (M. E. Beckman), 1 March 1991 through 29 February 1992. (Project 766861 - Continuation)

\$59,801.00 - National Science Foundation, Washington, D.C., Numerical Solution of Large-Scale Algebraic Riccati Equations, Department of Computer and Information Science (J. D. Gardiner), 1 July 1990 through 30 June 1991. (Project 768393 - New)

\$58,800.00 - National Science Foundation, Washington, D.C., Partial Oxidation of Methane to Methanol and Formaldehyde over Molybdenum-Oxide-Based Catalysts, Department of Chemical Engineering (U. Ozkan), 1 August 1990 through 31 July 1991. (Project 767675 - Continuation)

\$57,795.00 - National Science Foundation, Washington, D.C., Ranking Models with Covariates, Department of Statistics (M. A. Fligner, D. E. Critchlow, and J. Verducci), 1 July 1990 through 30 June 1992. (Project 768322 - New)

\$57,470.00 - Department of the Air Force, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio, Plasma Chemistry of Vibrationally Nonequilibrium Molecules, Department of Mechanical Engineering (J. W. Rich), 5 June 1990 through 30 September 1990. (Project 768356 - New)

September 7, 1990 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$53,975.00 - Department of Health and Human Services, National Heart, Lung, and Blood Institute, Bethesda, Maryland, Small Instrumentation Grant, Medicine Administration (D. G. Cornwell), 1 August 1990 through 31 July 1991. (Project 768351 - New)

\$50,000.00 - National Science Foundation, Washington, D.C., Multiple Comparisons for Optimization Via Simulation, Department of Industrial and Systems Engineering (B. L. Nelson) and Department of Statistics (J. C. Hsu), 1 July 1990 through 30 June 1991. (Project 768374 - New)

\$49,000.00 - National Science Foundation, Washington, D.C., Predation, Herbivory, and Disturbance: Structuring Forces in the Littoral Zone Community of North Temperate Lakes, Department of Zoology (R. A. Stein), 1 July 1990 through 30 June 1991. (Project 767694 - Continuation)

\$44,485.00 - National Aeronautics and Space Administration, Washington, D.C., Microwave Observations of Polar Ice, Byrd Polar Research Center (K. C. Jezek), 1 January 1990 through 31 December 1990. (Project 768164 - New)

\$40,000.00 - Department of Agriculture, Science and Education, Washington, D.C., Enhancement of Immune Responses to Transmissible Gastroenteritis Virus in Pigs, Food Animal Health Research Program - OARDC (L. J. Saif), 15 May 1990 through 31 May 1992. (Project 768315 - New)

\$39,500.00 - National Science Foundation, Washington, D.C., Topics in the Foundations of Mathematics, Department of Mathematics (H. Friedman), 1 June 1990 through 31 May 1991. (Project 767495 - Continuation)

\$39,125.00 - Department of Health and Human Services, National Institute of General Medical Sciences, Bethesda, Maryland, Small Instrumentation Program, Research and Graduate Studies Administration (M. E. Sheridan), 1 June 1990 through 31 May 1991. (Project 768297 - New)

\$38,710.00 - National Science Foundation, Washington, D.C., Construction of Calibrated Eustatic Sea Level Curve: Mid-Jurassic Through Mid-Cretaceous, Department of Geology and Mineralogy (D. Sahagian and J. W. Collinson), 1 September 1990 through 31 August 1992. (Project 768339 - New)

\$37,253.00 - National Science Foundation, Washington, D.C., Analysis and Control of Mechanical and Dynamical Systems, Department of Mathematics (A. M. Bloch), 15 June 1990 through 31 May 1992. (Project 768389 - New)

\$35,000.00 - National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland, Terrestrial Gravity Data Analysis for Interim Gravity Model Improvement, Department of Geodetic Science and Surveying (R. H. Rapp), 1 July 1990 through 30 April 1991. (Project 765353 - Continuation)

\$34,750.00 - National Science Foundation, Washington, D.C., Parallelizing SAC-2, Department of Computer and Information Science (W. Kuechlin), 1 July 1990 through 30 June 1992. (Project 768343 - New)

September 7, 1990 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

**\$31,750.00** - Department of Health and Human Services, National Institute of Dental Research, Bethesda, Maryland, Mechanisms of Lymphocyte-Mediated Bone Resorption, Department of Veterinary Pathobiology (C. C. Capen and L. K. McCauley), 7 June 1990 through 6 June 1991. (Project 766748 - Continuation)

**\$31,071.00** - National Aeronautics and Space Administration, Washington, D.C., The Effect of Stochastic and Non-Stochastic Climate Forcing on the Interpretation of Satellite-Derived Changes in Ice-Sheet Topography, Byrd Polar Research Center (K. C. Jezek), 1 May 1990 through 30 April 1991. (Project 768341 - New)

**\$30,000.00** - Department of the Navy, Office of Naval Research, Washington, D.C., Distributed Routing and Scheduling in Adaptive-Time Division Multiple Access Packet Radio Networks, Department of Electrical Engineering (R. L. Hamilton), 15 August 1990 through 14 August 1991. (Project 768335 - New)

**\$29,297.00** - National Science Foundation, Washington, D.C., Study of Sediment, Glacier Ice, and Silicate Spherules, Walcott Neve, Antarctica, Byrd Polar Research Center and Department of Geology and Mineralogy (G. Faure), 1 March 1989 through 31 August 1991. (Project 767381 - Continuation)

**\$25,000.00** - National Science Foundation, Washington, D.C., Effects of Surface Roughness on Ultrasonic Inspectability, Department of Welding Engineering (L. Adler), 1 June 1990 through 31 May 1992. (Project 768398 - New)

**\$24,500.00** - National Science Foundation, Washington, D.C., Development and Applications of Periodic Soliton Theory for Nearly Integrable Partial Differential Equations, Department of Mathematics (G. Forest), 1 December 1990 through 30 November 1991. (Project 766786 - Continuation)

**\$23,902.00** - National Science Foundation, Washington, D.C., Distributions of Input-Output Coefficient and Probabilistic Input-Output Models, Department of Geography (R. W. Jackson), 1 July 1990 through 30 June 1991. (Project 767525 - Continuation)

**\$21,162.00** - Department of Health and Human Services, National Institute of Dental Research, Bethesda, Maryland, Short-Term Training for Students in Health Professional Schools, Oral Biology (S. Rosen), 1 June 1990 through 31 May 1991. (Project 764680 - Continuation)

**\$20,000.00** - National Science Foundation, Washington, D.C., Engineering Research Equipment Grant: Temperature-Programmed Desorption/Oxidation/Reduction System, Department of Chemical Engineering (U. Ozkan), 1 July 1990 through 30 June 1991. (Project 768293 - New)

**\$17,300.00** - Department of Agriculture, Science and Education, Peoria, Illinois, Effect of Management Practices on Quality of Groundwater and Surface Runoff in North Appalachia, Department of Agronomy - OARDC (A. L. Barta and W. A. Dick), Department of Entomology - OARDC (B. R. Stinner and R. B. Hammond), Department of Agronomy (R. Lal), Department of Plant Pathology - OARDC (P. E. Lipps), and Department of Agricultural Engineering (R. K. Wood), 23 April 1990 through 31 December 1992. (Project 768229 - New)

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**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$15,414.00 - National Science Foundation, Washington, D.C., Mesoscale Cyclone Dynamics Around Antarctica, Byrd Polar Research Center (D. H. Bromwich), 1 June 1989 through 31 May 1991. (Project 767340 - Continuation)

\$13,952.00 - Department of Health and Human Services, National Eye Institute, Bethesda, Maryland, Contact Lens Evaluation in Keratoconus, College of Optometry (J. T. Barr), 5 March 1990 through 28 February 1991. (Project 768122 - Continuation)

\$13,524.00 - National Science Foundation, Washington, D.C., Search for Meteorites in Northern Greenland: A Preliminary Feasibility Study, Byrd Polar Research Center and Department of Geology and Mineralogy (G. Faure), 1 June 1990 through 31 May 1991. (Project 768163 - New)

\$13,159.00 - Department of Agriculture, Science and Education, Washington, D.C., Ohio Program for National Agricultural Pesticide Impact Assessment Program, Department of Entomology - OARDC and Department of Entomology (A. C. Waldron), 1 June 1990 through 31 May 1991. (Project 768344 - New)

\$12,978.00 - Department of the Navy, Office of Naval Research, Washington, D.C., Packet Radio Networks, Department of Electrical Engineering (R. L. Hamilton), 1 July 1990 through 15 August 1990. (Project 768313 - New)

\$12,500.00 - Department of Health and Human Services, National Center for Nursing Research, Bethesda, Maryland, Interval Inspiratory Muscle Training in Chronic Obstructive Pulmonary Disease (COPD) Patients, Department of Family and Community Nursing (M. G. MacVicar), 1 July 1990 through 30 June 1991. (Project 767685 - Continuation)

\$11,915.00 - National Science Foundation, Washington, D.C., The Dynamics of Macroalgae in an Arctic Stream Ecosystem, Byrd Polar Research Center (K. C. Jezek and J. A. Hambrook), 15 June 1990 through 31 May 1991. (Project 768225 - New)

\$10,866.00 - Department of Health and Human Services, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Non-Nitrogen and Nitrogen Containing Dopamine Drugs, College of Pharmacy (D. D. Miller and N. J. Uretsky), 1 April 1990 through 31 March 1991. (Project 762967 - Continuation)

\$9,448.00 - Department of Health and Human Services, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Acquired Immunodeficiency Syndrome Clinical Study Group, Department of Internal Medicine (R. J. Fass), 1 September 1989 through 31 August 1990. (Project 766341 - Continuation)

\$9,225.00 - Department of the Army, Army Corps of Engineers, Huntsville, Alabama, Prospect Training for United States Army Corps of Engineers, Department of Civil Engineering (J. G. Lyon and C. J. Merry) and Department of Geodetic Science and Surveying (A. Schenk and K. Novak), 17 April 1990 through 31 May 1991. (Project 768274 - New)

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**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$4,900.00 - Department of Energy, Argonne, Illinois, Hydrological and Geochemical Response and Recovery in Disturbed Arctic Ecosystems, Byrd Polar Research Center and Department of Agronomy (K. R. Everett), 1 January 1990 through 31 December 1990. (Project 764231 - Continuation)

\$2,858.00 - Department of Health and Human Services, National Cancer Institute, Bethesda, Maryland, Chemistry of Novel Natural Inhibitors of Carcinogenesis, College of Pharmacy (J. M. Cassidy), 1 April 1990 through 31 March 1991. (Project 766665 - Continuation)

**TOTAL - FEDERAL AWARDS** **\$11,254,844.00**

**State of Ohio Research Contracts/Grants**

\$202,198.00 - State of Ohio, Department of Natural Resources, Columbus, Ohio, Evaluation of Fish Management Techniques, Department of Zoology (B. Vondracek, D. A. Culver, and R. A. Stein) and School of Natural Resources (D. L. Johnson), 1 July 1990 through 30 June 1991. (Project 766202 - Continuation)

\$119,569.00 - State of Ohio, Department of Development, Columbus, Ohio, Ohio State University Institute for Japanese Studies, Department of Political Science (B. M. Richardson), 1 June 1990 through 30 June 1991. (Project 768357 - Continuation)

\$104,678.00 - State of Ohio, Board of Regents, Columbus, Ohio, Center for Labor Research, Research and Graduate Studies Administration (T. L. Sweeney), 1 July 1989 through 30 June 1991. (Project 767988 - Continuation)

\$10,000.00 - State of Ohio, Ohio Arts Council, Columbus, Ohio, International Programming, Wexner Center for the Visual Arts (R. Stearns), 1 June 1990 through 31 May 1991. (Project 768302 - New)

\$8,500.00 - State of Ohio, Department of Education, Columbus, Ohio, Building Linkages for At-Risk Youth and Adults in Ohio, Center on Education and Training for Employment (R. D. Ryan), 7 February 1990 through 30 September 1990. (Project 768101 - Continuation)

\$1,220.10 - State of Ohio, Department of Health, Columbus, Ohio, Care of the High Risk Mother and Infant -- OSU High Risk Perinatal Project, Department of Pediatrics (L. Cordero), 1 October 1989 through 30 September 1990. (Project 765042 - Continuation)

\$10.00 - State of Ohio, Ohio Arts Council, Columbus, Ohio, Urban Amenities: Quality of Life -- Technical Assistance, Continuing Education Administration (J. L. Kramer), 17 April 1990 through 17 April 1990. (Project 768249 - Continuation)

**TOTAL - STATE OF OHIO AWARDS** **\$ 446,175.10**

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**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Industrial Research Contracts/Grants**

\$750,000.00 - General Electric Company, Milwaukee, Wisconsin, Magnetic Resonance Spectroscopy and Imaging, Department of Radiology (P. M. Robitaille, P. Schmalbrock, D. W. Chakeres, and J. Beltran), 1 May 1990 through 30 April 1993. (Project 768307 - New)

\$368,346.00 - Pfizer, Inc., Groton, Connecticut, Clinical Study of CP-88,059-1, Department of Pharmacology (N. Gerber), 1 May 1990 through 30 April 1991. (Project 768268 - New)

\$263,106.00 - MTS Systems Corporation, Minneapolis, Minnesota, Sensor System for Adaptive Welding Control, Department of Welding Engineering (R. W. Richardson), 1 January 1990 through 31 January 1992. (Project 768100 - New)

\$216,953.00 - Pfizer, Inc., Groton, Connecticut, Clinical Study of CP-86,325-2-02, Department of Pharmacology (N. Gerber), 1 May 1990 through 30 April 1991. (Project 768266 - New)

\$165,535.00 - Pfizer, Inc., Groton, Connecticut, Single Dose Study of CP-86,325-2 in Normal, Healthy Male Volunteers, Department of Pharmacology (N. Gerber), 1 May 1990 through 30 April 1991. (Project 768385 - New)

\$152,912.00 - Stride Rite Corporation, Cambridge, Massachusetts, Evaluation of the Pressure Distribution During the Stance Phase of Walking for Children Between the Ages 1-7, Department of Surgery (S. R. Simon), 1 May 1990 through 31 August 1991. (Project 768245 - New)

\$112,662.00 - Pfizer, Inc., Groton, Connecticut, A Phase I Study in Normal Male Volunteers to Assess the Safety, Tolerability, and Pharmacokinetics of CP-72,133-2, Department of Pharmacology (N. Gerber), 1 June 1990 through 30 June 1991. (Project 768346 - New)

\$106,483.00 - Pfizer, Inc., Groton, Connecticut, Phase I Study of the Effect of Concomitant Antacid Administration on the Absorption of Amlodipine, Department of Pharmacology (N. Gerber), 1 May 1990 through 30 April 1991. (Project 768386 - New)

\$96,087.00 - Pfizer, Inc., Groton, Connecticut, Study No. 120-003-501, Department of Pharmacology (N. Gerber), 10 April 1989 through 31 December 1990. (Project 767511 - Continuation)

\$83,688.00 - Pfizer, Inc., Groton, Connecticut, Study No. 064-017-501, Department of Pharmacology (N. Gerber), 1 May 1989 through 31 December 1990. (Project 767512 - Continuation)

\$56,000.00 - International Business Machines Corporation, Yorktown Heights, New York, Development of Phenomenological Relativistic Approach to Nuclear Physics, Department of Physics (B. C. Clark and R. J. Perry), 1 October 1990 through 30 September 1991. (Project 765137 - Continuation)

\$53,613.00 - The Procter and Gamble Company, Cincinnati, Ohio, A Multicenter Trial to Evaluate the Safety and Effectiveness of Peridex Dosed B.I.D. for Preventing or Delaying the Occurrence of Lesions Due to Oral Candidiasis in HIV-Positive Individuals, Department of Internal Medicine (M. F. Para), 1 July 1990 through 30 June 1991. (Project 768383 - New)

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Industrial Research Contracts/Grants (contd)**

\$42,311.00 - Smith, Kline, and French Laboratories, King of Prussia, Pennsylvania, A Double-Blind, Positive-Controlled Crossover Assessment of Renal Responses to Intravenous Infusion of Corlopam Compared to Sodium Nitroprusside at Doses That Increase Cardiac Output in Patients with Congestive Heart Failure, Department of Internal Medicine (R. J. Cody), 1 July 1990 through 30 June 1991. (Project 768384 - New)

\$35,000.00 - Mobil Research and Development Corporation, Paulsboro, New Jersey, In Situ Zeolite Crystallization and Spectroscopic Characterization, Department of Chemistry (P. K. Dutta), 1 June 1990 through 31 May 1991. (Project 766931 - Continuation)

\$30,000.00 - Fort Fibres Optiques, Dourdan, France, Glassy Carbon Materials: Their Synthesis and Investigation of Their Application for Coating of Optical Fiber, Department of Chemistry (M. R. Callstrom), 1 July 1990 through 30 June 1991. (Project 768355 - New)

\$29,000.00 - Various Milling Companies in Ohio, Soft Wheat Milling Research and Evaluation, Department of Agronomy - OARDC (A. L. Barta), 1 June 1989 through 30 June 1990. (Project 767462 - Continuation)

\$28,121.00 - Pfizer, Inc., Groton, Connecticut, Open Label Crossover Study of the Uricosuric Activity of Single Doses of Tenidap Sodium (CP-66,248-2) Compared to Probenecid, Department of Pharmacology (N. Gerber), 1 October 1989 through 31 December 1990. (Project 768173 - Continuation)

\$26,643.50 - Pfizer, Inc., Groton, Connecticut, Phase I Study of the Effect of Concomitant Rifampin Therapy on the Disposition of Fluconazole, Department of Pharmacology (N. Gerber), 1 January 1990 through 30 June 1990. (Project 765696 - Continuation)

\$25,000.00 - Unocal, Brea, California; Amoco Production Company, Houston, Texas; Arco Oil and Gas Company, Plano, Texas; Exxon Company International, Houston, Texas; and Texaco E & P Technology Division, Houston, Texas; Center for Commercialization of Space Membership Agreement, Center for Mapping (J. D. Bossler), 1 September 1990 through 31 August 1991. (Project 766219 - Continuation)

\$20,000.00 - Fidia, Abano Terme, Italy, GM1 as Potential Therapy for Neonatal Brain Damage, Department of Psychiatry and Department of Pharmacology (M. H. Neff) and Department of Pharmacology (N. H. Neff), 1 April 1990 through 31 March 1991. (Project 767663 - Continuation)

\$17,250.00 - Procter and Gamble Company, Cincinnati, Ohio, Porcine Model of Infectious Gastritis: Pathogenesis Immune Response and Therapeutic Intervention, Department of Veterinary Pathobiology (G. S. Krakowka), 1 June 1990 through 31 August 1991. (Project 768298 - New)

\$13,598.40 - Columbia Research Laboratories, New York, New York, Double-Blind Evaluation of a Vaginal Bioadhesive Gel (REPLENS<sup>R</sup>) in Postmenopausal Women: Effect on pH and Colonization with Enteric Gram Negative Bacteria and Enterococci, Department of Internal Medicine (C. M. Kunin), 15 May 1990 through 14 May 1991. (Project 768256 - New)

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**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Industrial Research Contracts/Grants (contd)**

\$12,298.00 - Dynamic Analysis and Testing Associates, Carlsbad, California, Cross Section Reduction of Dish Antennas, ElectroScience Laboratory, Department of Electrical Engineering (B. A. Munk and R. C. Rudduck), 13 April 1990 through 13 September 1990. (Project 768304 - New)

\$10,950.00 - Ortho Biotech Division, Cincinnati, Ohio, HIV/AIDS: Hematologic Problems and Management -- Computer-Based Educational Software for Physicians, Department of Family Medicine (L. L. Gabel), 15 January 1990 through 14 January 1991. (Project 768347 - New)

\$6,000.00 - Upjohn Company, Kalamazoo, Michigan, Prophylaxis for Postoperative Infections in Gastric and Biliary Surgery -- Single Dose Cefmetazole Compared to Cefotetan, Department of Internal Medicine (J. F. Plouffe), 1 April 1990 through 30 April 1991. (Project 768246 - New)

\$4,333.33 - Burroughs Wellcome Company, Research Triangle Park, North Carolina, Evaluation of BW tPA in the Initial Lysis and Maintenance of Patency of Coronary Arteries in Patients with Acute Myocardial Infarction, Department of Internal Medicine (R. D. Magorien), 1 July 1988 through 30 June 1990. (Project 766466 - Continuation)

\$4,050.00 - Applied R & D, Olmsted Falls, Ohio, Vertical Multi-Junction Photovoltaic Cell, Department of Electrical Engineering (G. J. Valco), 1 July 1990 through 30 September 1990. (Project 767802 - Continuation)

\$4,000.00 - Medical Service Corporation International, Arlington, Virginia, Schistosomiasis Research Project -- Young Scientist Award, College of Pharmacy (S. G. Frank), 1 June 1990 through 30 September 1990. (Project 768369 - New)

\$3,000.00 - Stuart Pharmaceuticals, Wilmington, Delaware, A Multicenter Comparison of Zoladex Depot and Surgical Castration in Metastatic Prostate Carcinoma, Department of Surgery (J. R. Drago), 1 September 1985 through 30 June 1990. (Project 765067 - Continuation)

\$1,910.00 - Pfizer, Inc., Groton, Connecticut, Study No. 124-002-501, Department of Pharmacology (N. Gerber), 17 April 1989 through 16 April 1990. (Project 767513 - Continuation)

\$512.00 - Pfizer, Inc., Groton, Connecticut, Study No. 110-003-501, Department of Pharmacology (N. Gerber), 20 April 1989 through 19 April 1990. (Project 767514 - Continuation)

**TOTAL - INDUSTRIAL AWARDS** **\$ 2,739,362.23**

**Other Non-Federal Research Contracts/Grants**

\$546,955.00 - University of Pennsylvania, Philadelphia, Pennsylvania, Conducting Electronic Polymers by Non-Redox Processes: Synthesis, Physical Studies, and Application, Department of Physics (A. J. Epstein), 1 November 1989 through 30 September 1990. (Project 768321 - New)

\$363,265.00 - Midwest Universities Consortium for International Activities, Inc., Columbus, Ohio, OTO Office Support Project, Office of International Affairs (D. G. McCloud), 1 July 1990 through 30 June 1991. (Project 767598 - Continuation)

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**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Other Non-Federal Research Contracts/Grants (contd)**

\$345,591.00 - Franklin County Mental Retardation and Developmental Disabilities Board, Columbus, Ohio, Early Childhood Classes, Nisonger Center (V. L. Reynolds and S. R. Schroeder), 1 October 1990 through 30 September 1991. (Project 768359 - Continuation)

\$182,490.00 - Ohio State Anesthesia Research Foundation, Columbus, Ohio, Support for Animal and Bench Research Studies in the Department of Anesthesiology, Department of Anesthesiology (J. S. McDonald), 1 July 1989 through 31 December 1990. (Project 768373 - New)

\$122,401.00 - Franklin County Mental Retardation and Developmental Disabilities Board, Columbus, Ohio, Exemplary Dental Services for the Handicapped, Nisonger Center (E. S. Sterling), 1 July 1990 through 30 June 1991. (Project 767539 - Continuation)

\$107,000.00 - University of Chicago, Argonne, Illinois, Optical Readout System for the ZEUS Barrel Calorimeter, Department of Physics (T. Y. Ling and T. A. Romanowski), 1 April 1990 through 31 January 1991. (Project 767107 - Continuation)

\$100,000.00 - Gas Research Institute, Chicago, Illinois, Center for Commercialization of Space Membership Agreement, Center for Mapping (J. D. Bossler), 1 January 1990 through 31 December 1991. (Project 766219 - Continuation)

\$65,000.00 - American Cancer Society, Atlanta, Georgia, Institutional Research Grant, Comprehensive Cancer Center (D. S. Yohn), 1 July 1990 through 30 June 1991. (Project 768363 - Continuation)

\$60,000.00 - National Geographic Society, Washington, D.C., A Cooperative Paleoclimatic Study of the Guliya Ice Cap, China: Relationship to Global Climatic Variability, Byrd Polar Research Center (L. G. Thompson and E. M. Thompson), 1 June 1990 through 31 May 1991. (Project 768300 - New)

\$55,000.00 - Council for Tobacco Research - U.S.A., Inc., New York, New York, Neutrophil Stimulation: Biochemical and Cell Biological Studies, Department of Anatomy (J. M. Robinson), 1 July 1990 through 30 June 1991. (Project 766941 - Continuation)

\$49,804.00 - Indiana University, Bloomington, Indiana, Malaysia Cooperative Program, English as a Second Language Program (T. T. Diemer), 16 June 1990 through 15 June 1991. (Project 764972 - Continuation)

\$48,584.00 - Purdue University, West Lafayette, Indiana, Model of X-Linked Severe Combined Immunodeficiency, Department of Veterinary Pathobiology (G. S. Krakowka), 1 April 1990 through 31 March 1991. (Project 768334 - New)

\$48,292.50 - Erna and Victor Hasselblad Foundation, Goteborg, Sweden, Soil Ecological Responses to Rising Atmospheric Carbon Dioxide, School of Natural Resources (P. Curtis), 1 June 1990 through 31 May 1995. (Project 768282 - New)

\$40,000.00 - American Cancer Society, New York, New York, Biochemical Pharmacology of New Aromatase Inhibitors for the Treatment of Estrogen Dependent Cancers, College of Pharmacy (R. W. Brueggemeier), 1 July 1990 through 30 June 1991. (Project 768399 - New)

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**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Other Non-Federal Research Contracts/Grants (contd)**

\$38,035.00 - Augustana College, Rock Island, Illinois, Vertebrate Paleontology and Sedimentology of the Cynognathus Zone, Byrd Polar Research Center and Department of Geology and Mineralogy (J. W. Collinson), 1 July 1990 through 30 June 1991. (Project 768299 - New)

\$37,000.00 - American Cancer Society, Atlanta, Georgia, Multidrug Resistance Gene Amplification in Methotrexate Resistance, Department of Radiology (R. M. Snapka), 1 July 1990 through 30 June 1991. (Project 765521 - Continuation)

\$35,000.00 - American Lung Association, New York, New York, Oxidant Injury in the Adult Respiratory Distress Syndrome (ARDS), Department of Internal Medicine (W. B. Davis), 1 July 1990 through 30 June 1991. (Project 765375 - Continuation)

\$33,600.00 - Fourteen Members of the National Consortium of State Career Guidance Supervisors, National Consortium of State Career Guidance Supervisors, Center on Education and Training for Employment (R. D. Ryan), 1 July 1989 through 30 June 1990. (Project 767680 - Continuation)

\$32,000.00 - Parker B. Francis Foundation, Hanover, New Hampshire, Parker B. Francis Fellowship in Pulmonary Research, Department of Internal Medicine (J. E. Gadek and J. N. Allen), 1 July 1990 through 30 June 1991. (Project 767612 - Continuation)

\$30,000.00 - March of Dimes Birth Defects Foundation, White Plains, New York, Developmental Regulation of a Glucocorticoid-Inducible Gene, Biotechnology Program and College of Pharmacy (A. P. Young), 1 July 1990 through 30 June 1991. (Project 767968 - Continuation)

\$27,000.00 - Partners for International Education and Training, Washington, D.C., Vocational-Technical Training -- Dominican Republic, Center on Education and Training for Employment (R. D. Ryan), 15 June 1990 through 31 August 1990. (Project 768372 - New)

\$25,000.00 - Alfred P. Sloan Foundation, New York, New York, Sloan Nomination, Department of Mathematics (L. Casian), 16 September 1990 through 15 September 1992. (Project 768368 - New)

\$25,000.00 - Alfred P. Sloan Foundation, New York, New York, Sloan Nomination, Department of Mathematics (A. Silverberg), 16 September 1990 through 15 September 1992. (Project 768367 - New)

\$25,000.00 - Muscular Dystrophy Association, New York, New York, Humoral Mechanisms in the Pathogenesis of Dermatomyositis, Department of Neurology (J. T. Kissel, K. W. Rammohan, and D. J. Lynn), 1 July 1990 through 30 June 1991. (Project 768382 - New)

\$25,000.00 - The William and Flora Hewlett Foundation, Menlo Park, California, Visiting Professor in Dispute Resolution, College of Law (N. Rogers) and Mershon Center for Education (T. W. Milburn), 1 July 1990 through 30 June 1991. (Project 768310 - New)

\$24,000.00 - Twelve Members of the National Alliance of Community and Technical Colleges, National Alliance of Community and Technical Colleges, Center on Education and Training for Employment (R. D. Ryan), 1 July 1989 through 30 June 1990. (Project 767681 - Continuation)

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**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Other Non-Federal Research Contracts/Grants (contd)**

\$20,000.00 - American Heart Association, Ohio Affiliate, Inc., Columbus, Ohio, Isolated Myocytes from Spontaneously Failing Rat Hearts, Department of Physiological Chemistry (R. A. Altschuld), 1 July 1990 through 30 June 1991. (Project 768327 - New)

\$20,000.00 - American Heart Association, Ohio Affiliate, Inc., Columbus, Ohio, Autonomic Control of Ventricular-Vascular Coupling in Congestive Heart Failure, Department of Internal Medicine (P. F. Binkley and G. M. Eaton), 1 July 1990 through 30 June 1991. (Project 768377 - New)

\$20,000.00 - American Heart Association, Ohio Affiliate, Inc., Columbus, Ohio, Mechanisms of Osmosensitivity in Hypothalamic Neurons, Department of Physiology (J. A. Boulant), 1 July 1990 through 30 June 1991. (Project 768370 - New)

\$20,000.00 - American Heart Association, Ohio Affiliate, Inc., Columbus, Ohio, Mechanisms of Ileal Injury After Phorbol Myristate Acetate-Induced Acute Lung Injury, Department of Internal Medicine (P. M. Dorinsky), 1 July 1990 through 30 June 1991. (Project 768336 - New)

\$20,000.00 - American Heart Association, Ohio Affiliate, Inc., Columbus, Ohio, Regulation of Heart Metabolism by Free Magnesium, Department of Physiological Chemistry (D. Jung), 1 July 1990 through 30 June 1991. (Project 768365 - New)

\$20,000.00 - American Heart Association, Ohio Affiliate, Inc., Columbus, Ohio, Ancillary Effects of Acute Propranolol Exposure, College of Pharmacy (J. J. Lima), 1 July 1990 through 30 June 1991. (Project 768326 - New)

\$20,000.00 - American Heart Association, Ohio Affiliate, Inc., Columbus, Ohio, Spectral Analysis of the Intracardiac Electrogram in a Post Infarction Arrhythmia Model, Department of Internal Medicine (S. D. Nelson), 1 July 1990 through 30 June 1991. (Project 768324 - New)

\$20,000.00 - American Heart Association, Ohio Affiliate, Inc., Columbus, Ohio, The In Vivo Mechanism of Ventricular Arrhythmias in Tricyclic Antidepressant Poisoning, Department of Internal Medicine (S. D. Nelson), 1 July 1990 through 30 June 1991. (Project 768350 - New)

\$20,000.00 - American Heart Association, Ohio Affiliate, Inc., Columbus, Ohio, Endothelial Cell Injury Through Oxidant Stress: A Predisposing Factor in Atherosclerosis, Department of Physiological Chemistry (R. Panganamala), 1 July 1990 through 30 June 1991. (Project 768379 - New)

\$20,000.00 - American Heart Association, Ohio Affiliate, Inc., Columbus, Ohio, Enterohepatic Circulation of Cardiovascular Drugs Via Artificial Gall Bladder, College of Pharmacy (R. H. Reuning), 1 July 1990 through 30 June 1991. (Project 768328 - New)

\$20,000.00 - American Heart Association, Ohio Affiliate, Inc., Columbus, Ohio, The Influence of Fluid-Imposed Shear Stress on the Genetic Expression of Human Aortic Endothelial Cell Growth Factors, Department of Surgery (J. G. Wright), 1 July 1990 through 30 June 1991. (Project 768320 - New)

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Other Non-Federal Research Contracts/Grants (contd)**

\$20,000.00 - American Heart Association, Ohio Affiliate, Inc., Columbus, Ohio, Z-Line Ultrastructure in Isolated Cardiac Myocyte and Single Muscle Fiber Under Passive and Active Tension, Department of Veterinary Anatomy and Cellular Biology (M. Yamaguchi), 1 July 1990 through 30 June 1991. (Project 768338 - New)

\$20,000.00 - Maharishi Ayurveda Foundation, Lancaster, Massachusetts, Research on Natural Products and the Study of Effects of Sound and Light, Department of Pathology (H. M. Sharma), 15 June 1990 through 14 June 1991. (Project 768362 - New)

\$19,999.00 - American Heart Association, Ohio Affiliate, Inc., Columbus, Ohio, Effects of Carcinine and Histamine on Myocardial Function, Department of Surgery (L. J. Flancbaum), 1 July 1990 through 30 June 1991. (Project 768319 - New)

\$19,972.00 - American Heart Association, Ohio Affiliate, Inc., Columbus, Ohio, Autonomic Control of Ventricular-Vascular Coupling in Congestive Heart Failure, Department of Internal Medicine (P. F. Binkley), 1 July 1990 through 30 June 1991. (Project 768323 - New)

\$19,935.00 - American Heart Association, Ohio Affiliate, Inc., Columbus, Ohio, Influence of Loading Conditions and Left Ventricular Diastolic Function on Pulmonary Venous Flow in Man, Department of Internal Medicine (A. C. Pearson), 1 July 1990 through 30 June 1991. (Project 768325 - New)

\$19,927.00 - Battelle Memorial Institute, Richland, Washington, A Proposal to Develop Oxidation-Resistant Niobium Alloys and Protective Coatings, Department of Materials Science and Engineering (R. A. Rapp), 30 June 1990 through 30 September 1990. (Project 767357 - Continuation)

\$19,864.00 - American Heart Association, Ohio Affiliate, Inc., Columbus, Ohio, Further Studies on the Mechanism of Thrombosis Associated with Lupus Anticoagulants, Department of Pathology (J. T. Brandt), 1 July 1990 through 30 June 1991. (Project 768349 - New)

\$19,603.00 - American Heart Association, Ohio Affiliate, Inc., Columbus, Ohio, Transmural Magnetic Resonance Spectroscopy Studies of Regional Myocardial Ischemia, Department of Radiology (P. M. Robitaille), 1 July 1990 through 30 June 1991. (Project 768306 - New)

\$19,430.00 - American Heart Association, Ohio Affiliate, Inc., Columbus, Ohio, Myosin Isozyme Modifications in Heart Failure, Department of Physiological Chemistry (A. J. Merola), 1 July 1990 through 30 June 1991. (Project 768394 - New)

\$19,000.00 - American Lung Association of Ohio, Columbus, Ohio, American Lung Association Research Training Fellowship, Department of Internal Medicine (P. M. Dorinsky and R. C. St. John), 1 July 1990 through 30 June 1991. (Project 767626 - Continuation)

\$18,135.00 - American Heart Association, Ohio Affiliate, Inc., Columbus, Ohio, Antihypertensive Therapy in Experimental Stroke, Department of Neurology (A. P. Slivka), 1 July 1990 through 30 June 1991. (Project 768371 - New)

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**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Other Non-Federal Research Contracts/Grants (contd)**

\$17,045.00 - American Lung Association of Ohio, Columbus, Ohio, American Lung Association Research Training Fellowship, Department of Internal Medicine (W. B. Davis and J. B. Fagan), 1 July 1990 through 30 June 1991. (Project 767600 - Continuation)

\$15,000.00 - University of California, Livermore, California, A Study for a Deployable Truss Structure, Department of Electrical Engineering (U. Ozguner), 2 April 1990 through 30 December 1990. (Project 767615 - Continuation)

\$12,100.00 - University of Pittsburgh, Pittsburgh, Pennsylvania, The Treatment of Primary Breast Cancer, Department of Surgery (W. B. Farrar), 1 February 1990 through 31 January 1991. (Project 768345 - Continuation)

\$11,700.00 - Michigan State University, East Lansing, Michigan, Advancement of Yellow Perch Aquaculture, School of Natural Resources (C. F. Cole) and Department of Zoology (D. A. Culver), 1 June 1990 through 31 May 1991. (Project 768375 - New)

\$11,000.00 - Government of the Virgin Islands of the United States, St. Thomas, Virgin Islands, Review and Assessment of Vocational-Technical Programs and Assistance in Development of Curriculum Guides for Marine Technology and Distributive Education, Center on Education and Training for Employment (R. D. Ryan), 21 May 1990 through 30 November 1990. (Project 768314 - New)

\$10,846.00 - American Institute for Cancer Research, Washington, D.C., Effects of Copper Intake on DMH-Induced Carcinogenesis, Department of Human Nutrition and Food Management (R. A. DiSilvestro), 1 May 1990 through 30 April 1991. (Project 768305 - New)

\$10,790.00 - Ohio River Basin Consortium, Columbus, Ohio, Ohio River Basin Consortium Agreement, School of Natural Resources (M. K. Wali), 1 July 1990 through 30 June 1991. (Project 765812 - Continuation)

\$6,580.00 - Cancer Therapy and Research Foundation of South Texas, San Antonio, Texas, Multidisciplinary Participation in the Cancer Control Activities of the Southwest Oncology Group, Department of Internal Medicine (S. P. Balcerzak), 1 September 1989 through 28 February 1990. (Project 765208 - Continuation)

\$5,352.00 - Cancer Therapy and Research Foundation of South Texas, San Antonio, Texas, SWOG Study 8412, Department of Pathology (R. O'Toole), 1 December 1989 through 31 December 1990. (Project 765202 - Continuation)

\$5,000.00 - Illinois State Board of Education, Springfield, Illinois, Overcoming Barriers to Entrepreneurship, Center on Education and Training for Employment (R. D. Ryan), 1 April 1990 through 30 June 1990. (Project 768360 - New)

\$5,000.00 - Michigan State University, East Lansing, Michigan, North Central Regional Aquaculture Center (NCRAC) Extension Program, Center for Lake Erie Area Research (J. M. Reutter) and Cooperative Extension Field Operations (F. L. Snyder and F. R. Lichtkoppler), 17 March 1990 through 30 April 1991. (Project 768279 - New)

September 7, 1990 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Other Non-Federal Research Contracts/Grants (contd)**

\$5,000.00 - The University of Utah, Salt Lake City, Utah, Immuno-suppressive Therapy for Biopsy-Proven Myocarditis, Department of Internal Medicine (R. C. Starling), 1 June 1990 through 1 March 1991. (Project 768348 - Continuation)

\$4,350.00 - Ohio Corn Marketing Program Board, Marion, Ohio, Evaluation of Several Commercially Available Compounds as Feed Preservative for Swine, Agricultural Technical Institute - Administrative Support (S. Rahnema), 1 May 1990 through 31 December 1990. (Project 768295 - New)

\$3,500.00 - Milheim Foundation for Cancer Research, Denver, Colorado, Potential Toxicity of Anticancer Retinoids: Triplet-Sensitized Photooxygenation, College of Pharmacy (R. W. Curley), 1 July 1990 through 30 June 1991. (Project 768366 - New)

\$3,000.00 - Texas A & M University, College Station, Texas, Ocean Drilling Program Leg 130, Department of Geology and Mineralogy (L. Krissek), 25 April 1990 through 31 October 1990. (Project 768087 - Continuation)

\$2,985.00 - Arts Midwest, Minneapolis, Minnesota, Trisha Brown Dance Company, Wexner Center for the Visual Arts (R. Stearns), 1 January 1990 through 30 November 1990. (Project 768309 - New)

\$2,177.00 - Arts Midwest, Minneapolis, Minnesota, Performance of Bill T. Jones and Arnie Zane, Wexner Center for the Visual Arts (R. Stearns), 1 March 1990 through 28 February 1991. (Project 768308 - New)

\$2,000.00 - Egyptian Government, Washington, D.C., Cultural and Educational Bureau -- Peace Fellowship Program, Department of Biochemistry (D. H. Dean), 1 October 1989 through 1 July 1990. (Project 768303 - New)

\$1,000.00 - American Chemical Society, Washington, D.C., Cancer Test Kit Development: Immuno Characterization of Human Cell DNA Damage and Repair, Department of Radiology (S. M. D'Ambrosio) and Medicine Administration (C. L. Yash), 18 June 1990 through 24 August 1990. (Project 768354 - New)

\$750.00 - Association of Performing Arts Presenters, Washington, D.C., Travel Assistance Program, Wexner Center for the Visual Arts (R. Stearns), 1 May 1990 through 31 October 1990. (Project 768301 - New)

\$600.00 - Sigma Xi, New Haven, Connecticut, The Efficacy of Functional Electrical Stimulation Induced Exercise and Weightbearing in Minimizing Bone Loss Subsequent to Spinal Cord Injury, Department of Physical Medicine (W. J. Mysiw), 1 July 1990 through 30 June 1991. (Project 768364 - New)

\$500.00 - American Chemical Society, Washington, D.C., Characterization of Oncofetal Cancer Marker Protein, Department of Physiological Chemistry (T. E. Webb) and Medicine Administration (C. L. Yash), 18 June 1990 through 24 August 1990. (Project 768378 - New)

September 7, 1990 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Other Non-Federal Research Contracts/Grants (contd)**

\$400.00 - University of Pittsburgh, Pittsburgh, Pennsylvania, The Treatment of Primary Breast Cancer, Department of Surgery (W. B. Farrar), 1 February 1989 through 31 January 1990. (Project 763659 - Continuation)

Purchased Services - Kemper Research Foundation, Milford, Ohio, The Modification of Environmental Surfaces to Effect Microbial Control in the Arthur James Cancer Center and Research Institute, Department of Internal Medicine and Cancer Hospital and Research Institute (B. C. Fox) and Department of Pathology (L. W. Ayers), 1 January 1990 through 31 August 1990. (Project 768119 - Continuation) (Approximate Dollar Value - \$400,000)

**TOTAL - OTHER NON-FEDERAL AWARDS** **\$ 3,063,557.50**

**ENGINEERING EXPERIMENT STATION**

**State Sponsored Research and Development**

\$192,363.00 - from The Industrial Commission of Ohio, Columbus, Ohio, for "Evaluation of the Motion Component in Manual Lifting," under the direction of the department of Industrial and Systems Engineering for the period July 1, 1990 through June 30, 1991. (529850)

\$48,221.00 - from Ohio Department of Transportation, Columbus, Ohio, for "Performance Evaluation of Fiber Reinforced Asphalt Concrete," under the direction of the department of Civil Engineering for the period June 1, 1990 through June 1, 1991. (529849)  
Industry and Other Sponsored Research and Development

**TOTAL - STATE SPONSORED RESEARCH AND DEVELOPMENT** **\$240,584.00**

**Industry and Other Sponsored Research and Development**

\$101,616.00 - from Semiconductor Research Corp., Research Triangle Park, NC, for "The Development of Fracture Mechanics Methodology for Establishing the Influence of Defects on the Performance and Reliability of Polymeric Dielectric Materials," under the direction of the department of Engineering Mechanics for the period April 1, 1990 through March 31, 1991. (529843)

\$63,497.00 - from General Electric, Lynn, Mass., for "Research Services to Investigate Improvements for Fatigue Prediction of High Performance Gearing," under the direction of the department of Mechanical Engineering for the period April 1, 1990 through December 31, 1990. (529847)

\$29,999.00 - from Martin Marietta, Denver, Colorado, for "Design of a Dichroic Surface," under the direction of the department of Electrical Engineering for the period November 15, 1989 through August 31, 1990. (312522, Ext. 1)

\$25,000.00 - from various industry for membership in the Engineering Research Center for Net Shape Manufacturing under the direction of the Engineering Experiment Station. (529200)

September 7, 1990 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**ENGINEERING EXPERIMENT STATION (contd)**

**Industry and Other Sponsored Research and Development (contd)**

\$23,000.00 - from Battelle, Columbus, Ohio for "Technical Services," under the direction of the department of Mechanical Engineering for the period May 1, 1990 through October 31, 1990. (312541)

\$21,092.00 - from General Electric, Cincinnati, Ohio, for "Advanced Titanium Weldability," under the direction of the department of Welding Engineering for the period April 1, 1989 through December 10, 1990. (529802, Ext. 2)

\$20,000.00 - from various industry for associate memberships in the Engineering Research Center for Net Shape Manufacturing under the direction of the Engineering Experiment Station. (529200)

\$20,000.00 - from various industry for membership in the Fracture Mechanics Consortium under the direction of the department of Engineering Mechanics. (529788)

\$17,400.00 - from General Electric Aircraft Engines, Cincinnati, Ohio, for "Hydrocarbon Fuel Testing," under the direction of the department of Aeronautical and Astronautical Engineering for the period March 15, 1990 through June 30, 1990. (312534, Ext. 1)

\$8,173.00 - from 11 sponsors of 13 development projects in one research area of the College.

\$3,299.00 - from Westinghouse, Sunnyvale, CA, for "Evaluation of Gear Mesh Transmission Error," under the direction of the department of Mechanical Engineering for the period May 1, 1989 through June 30, 1990. (529805, Ext. 1)

\$2,000.00 - from various industry for affiliate memberships in the Engineering Research Center for Net Shape Manufacturing under the direction of the Engineering Experiment Station. (529200)

**TOTAL - INDUSTRIAL AND OTHER SPONSORED RESEARCH**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND**

**Establishment of Named Funds**

**The Robert Bartels Fund for College Development**

The Robert Bartels Fund for College Development was established September 7, 1990, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from the Estate of Robert Bartels (B.S.Bus.Adm. '35, Ph.D. '41), Professor Emeritus in the Academic Faculty of Marketing, College of Business.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Establishment of Named Funds (contd)**

**The Robert Bartels Fund for College Development (contd)**

The annual income shall be used to provide the College of Business with funds to enhance its capabilities and prestige. Funds may be used for programs such as (although not limited to) faculty exchanges, bringing eminent business leaders/educators to campus, and other programs as determined by the Dean of the College of Business.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

**The Robert Bartels Fellowship in Marketing Fund**

The Robert Bartels Fellowship in Marketing Fund was established September 7, 1990, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the Estate of Robert Bartels (B.S.Bus.Adm. '35, Ph.D. '41), Professor Emeritus in the Academic Faculty of Marketing, College of Business.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide one or more doctoral fellowships in Marketing. The award(s) shall be made for one year, with preference given for the final year of the student's program. Selection of the recipient shall be made by the chairperson of the Marketing faculty, Director of the Ph.D. Program, and chairperson of the Graduate Studies Committee of the College of Business, in consultation with the University Committee on Student Financial Aid. Awards shall be made to those students who have maintained a G.P.A. of 3.5 or better (out of 4.0) in graduate study. It is understood this fellowship shall provide for payment of the student's tuition and fees during the year of the award. If the award is not made in any given year, the income shall be added to the fund's principal.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

September 7, 1990 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

#### Establishment of Named Funds (contd)

##### The Robert Bartels Fellowship for Master of Business Administration Fund

The Robert Bartels Fellowship for Master of Business Administration Fund was established September 7, 1990, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from the Estate of Robert Bartels (B.S.Bus.Adm. '35, Ph.D. '41), Professor Emeritus in the Academic Faculty of Marketing, College of Business.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide one or more fellowships for Master of Business Administration students. Selection of the recipient(s) shall be made by the Director of the Master of Business Administration Program and the chairperson of the Graduate Studies Committee, in consultation with the University Committee on Student Financial Aid. Awards shall be made to those students who have maintained a G.P.A. of 3.5 or better (out of 4.0) in undergraduate and/or previous graduate study. It is understood that this fellowship shall provide for payment of a student's tuition and fees during the year of the award. If the award is not made in any given year, the income shall be added to the fund's principal.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

##### The Robert Bartels Graduate Fellowship in Business Fund

The Robert Bartels Graduate Fellowship in Business Fund was established September 7, 1990, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from the Estate of Robert Bartels (B.S.Bus.Adm. '35, Ph.D. '41), Professor Emeritus in the Academic Faculty of Marketing, College of Business.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide one or more fellowship(s) to doctoral students in Marketing, Finance, or Management. Selection of the recipient(s) shall be made by the Director of the Ph.D. Program and the Chairperson of the Graduate Studies Committee in the College of Business, in consultation with the University Committee on Student Financial Aid. Awards shall be made only to applicants who have maintained a G.P.A. of 3.5 or better (out of 4.0) in graduate studies. The awards shall be made for one year, preferably for the recipient's final year. It is understood that this fellowship shall provide for payment of the recipient's tuition and fees during the year of the award. If the award is not made in any given year, the income shall be added to the fund's principal.

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Establishment of Named Funds (contd)**

**The Robert Bartels Graduate Fellowship in Business Fund (contd)**

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

**The Robert Bartels Graduate Fellowship  
in International Business Fund**

The Robert Bartels Graduate Fellowship in International Business Fund was established September 7, 1990, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from the Estate of Robert Bartels (B.S.Bus.Adm. '35, Ph.D. '41), Professor Emeritus in the Academic Faculty of Marketing, College of Business.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide one or more fellowships(s) to doctoral students in International Business. If the award is not granted to a student in International Business, it may be awarded to a candidate in Marketing, Finance, or Management. Selection for the recipient shall be made jointly by the Director of the Ph.D. Program, the chairperson of the Graduate Studies Committee, and head of the International Business Program in the College of Business, in consultation with the University Committee on Student Financial Aid. Awards shall be made to those students who have maintained a G.P.A. of 3.5 or better (out of 4.0) in graduate study. The award shall be made for one year, preferably for the student's final year. It is understood that this fellowship shall provide for payment of the recipient's tuition and fees during the year of the award. If the award is not made in any given year, the income shall be added to the fund's principal.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

**The Robert Bartels Scholarship Fund for Study Abroad**

The Robert Bartels Scholarship Fund for Study Abroad was established September 7, 1990, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from the Estate of Robert Bartels (B.S.Bus.Adm. '35, Ph.D. '41), Professor Emeritus in the Academic Faculty of Marketing, College of Business.

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Establishment of Named Funds (contd)**

**The Robert Bartels Scholarship Fund for Study Abroad (contd)**

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide one or more scholarships to undergraduate students, preferably in Business, whose major requires or would significantly benefit from study abroad. In the absence of such applicants, awards may be made to students in the Arts, Humanities, or Social and Behavioral Sciences who would similarly benefit from such study abroad. The award shall be made for one year and shall not be renewable. It is understood that this award shall provide for payment of the recipient's tuition and fees during the year of the award. Awards shall be made only to students who have maintained a G.P.A. of 3.5 or better (out of 4.0). Should the award not be made in any given year, the income shall be added to the fund's principal. Selection of the recipient(s) shall be made from applicants for merit scholarships to study abroad by an appropriate University committee, such as the Fulbright selection committee, in consultation with the University Committee on Student Financial Aid.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees, in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

**The Robert Bartels Undergraduate Scholarship Fund**

The Robert Bartels Undergraduate Scholarship Fund was established September 7, 1990, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from the Estate of Robert Bartels (B.S.Bus.Ad. '35, Ph.D. '41), Professor Emeritus in the Academic Faculty of Marketing, College of Business.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide one or more scholarships for undergraduate students in the College of Business based upon merit and need as determined by the Office of the Dean of the College of Business and in consultation with the University Committee on Student Financial Aid.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

September 7, 1990 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Establishment of Named Funds (contd)**

**The Iola Keller Brown Scholarship Fund**

The Iola Keller Brown Scholarship Fund was established September 7, 1990, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from her husband, Richard T. Brown (B.S.Agr. '42, B.Agr.E. '46), and family in honor of Iola Keller Brown (B.S.H.E. '41).

All gifts are to be invested in the University's permanent endowment fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide one or more scholarships to upperclass undergraduate students in the College of Human Ecology who have demonstrated academic promise, leadership among peers, and service to the University. Recipients shall be chosen by the Dean of the College of Human Ecology, in consultation with the scholarship committee of the College of Human Ecology and the University Committee on Student Financial Aid.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donors.

**Change of Name and Description of Named Fund**

**The Dairy Science Chair Fund in Lactational Physiology  
and Mammary Health**

The Dairy Science Chair in Lactational Physiology and Mammary Health was established April 8, 1988, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from industry, alumni, faculty and friends of the Department of Dairy Science. The name was changed and the description was revised September 7, 1990.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income and additional gifts shall be added to the fund's principal until the minimum amount for funding an endowed chair (\$1,250,000) has been reached. At that time, the annual income shall be used to provide salary and program support for the work of a distinguished teacher and scholar in the field of lactational physiology and mammary health as recommended by the Vice President for Agricultural Administration to the Provost of The Ohio State University and approved by the Board of Trustees. In the absence of such a faculty member, income shall be used for the development of this fund and/or to support research directed to the improvement of dairy management and dairy cow production.

September 7, 1990 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

#### Change of Name and Description of Named Fund (contd)

##### The Dairy Science Chair Fund in Lactational Physiology and Mammary Health (contd)

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

### THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

#### Report - July 1990

#### Federal Research Contracts/Grants

\$912,773.00 - Department of Health and Human Services, National Cancer Institute, Bethesda, Maryland, OSU Comprehensive Cancer Center Support (Core) Grant, Comprehensive Cancer Center (D. E. Schuller), 1 July 1990 through 30 April 1991. (Project 763976 - Continuation)

\$370,000.00 - Department of Education, Office of Special Education and Rehabilitation Services, Washington, D.C., The Great Lakes Area Regional Center for Deaf-Blind Education, Education Administration and School of Health, Physical Education, and Recreation (K. D. Arnold), 1 October 1990 through 30 September 1991. (Project 767864 - Continuation)

\$320,000.00 - Department of Agriculture, Science and Education, Washington, D.C., The Ohio Buried Valley Aquifer Management Systems Evaluation Area, Department of Agricultural Engineering - OARDC and Department of Agricultural Engineering (A. D. Ward), Department of Geology and Mineralogy and Department of Agronomy - OARDC (E. S. Bair), and Department of Agronomy (T. J. Logan), 1 July 1990 through 30 June 1991. (Project 768175 - New)

\$308,060.00 - Department of Health and Human Services, National Institute of Mental Health, Rockville, Maryland, Caregivers of Alzheimer's Disease Victims: Stress and Mental Health, Department of Psychiatry (J. Kiecolt-Glaser), Department of Microbiology and Immunology (M. R. Glaser), and Department of Psychology (R. C. MacCallum), 1 August 1990 through 31 July 1991. (Project 765958 - Continuation)

\$302,504.00 - Department of Health and Human Services, National Heart, Lung, and Blood Institute, Bethesda, Maryland, Transmural Transport in Blood Vessels, Department of Pathology and Department of Internal Medicine (D. L. Fry), 1 September 1990 through 31 August 1991. (Project 763184 - Continuation)

\$220,719.00 - Department of Health and Human Services, National Institute of Mental Health, Rockville, Maryland, Antidepressant Drugs in the Treatment of Anxiety Disorders, Department of Psychiatry (M. R. Mavissakalian), 1 August 1990 through 31 July 1991. (Project 765702 - Continuation)

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$207,500.00 - Department of Energy, Argonne, Illinois, Structure and Regulation of Methanogen Genes, Department of Microbiology (J. N. Reeve), 1 July 1990 through 30 June 1992. (Project 766060 - Continuation)

\$201,000.00 - Department of Energy, Argonne, Illinois, An Accelerator Neutron Source for Boron Neutron Capture Therapy (BNCT), Department of Mechanical Engineering (T. E. Blue, R. Christensen, and K. Vafai) and Department of Radiology (R. Gahbauer), 15 July 1990 through 14 July 1991. (Project 767614 - Continuation)

\$200,000.00 - Department of Health and Human Services, Administration on Developmental Disabilities, Kansas City, Missouri, UAF Administration and Operation, Nisonger Center (V. L. Reynolds and S. R. Schroeder), 1 July 1990 through 30 June 1991. (Project 763712 - Continuation)

\$199,967.00 - National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, Array Studies, ElectroScience Laboratory, Department of Electrical Engineering (B. A. Munk and L. W. Henderson), 1 April 1990 through 31 March 1991. (Project 761608 - Continuation)

\$184,899.00 - Department of Health and Human Services, National Institute of General Medical Sciences, Bethesda, Maryland, Thymidylate Synthetase Gene Structure and Expression, Department of Biochemistry and Department of Molecular Genetics (L. F. Johnson), 1 September 1990 through 31 August 1991. (Project 762903 - Continuation)

\$183,146.00 - Department of Health and Human Services, National Institute of Diabetes and Digestive and Kidney Diseases, Bethesda, Maryland, Neural Regulation of Small Intestinal Mucosa, Department of Physiology (H. J. Cooke), 1 July 1990 through 30 June 1991. (Project 768408 - Continuation)

\$158,913.00 - Department of Health and Human Services, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Gastric Function -- Central Control, Department of Physiology (R. C. Rogers), 1 July 1990 through 30 June 1991. (Project 765541 - Continuation)

\$156,875.00 - National Science Foundation, Washington, D.C., The Spectroscopy of Chemical Intermediates and Other Transient Species, Department of Chemistry (T. A. Miller), 1 July 1990 through 31 December 1990. (Project 768425 - New)

\$154,757.00 - Department of Health and Human Services, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Immediate Early Gene Regulation in Herpes Simplex Virus, Department of Molecular Genetics (M. T. Muller), 1 July 1990 through 30 June 1991. (Project 767528 - Continuation)

\$148,692.00 - Department of Health and Human Services, National Institute of Diabetes and Digestive and Kidney Diseases, Bethesda, Maryland, Gastrointestinal Kallikrein and Renin Systems, Department of Physiology (P. E. Ward), 1 July 1990 through 30 June 1991. (Project 766971 - Continuation)

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

Federal Research Contracts/Grants (contd)

\$142,808.00 - Department of Health and Human Services, National Institute of Diabetes and Digestive and Kidney Diseases, Bethesda, Maryland, Calcium and Calmodulin in Smooth Muscle Contraction, Department of Physiological Chemistry (J. D. Johnson), 1 July 1990 through 30 June 1991. (Project 764737 - Continuation)

\$140,732.00 - Department of Health and Human Services, National Cancer Institute, Bethesda, Maryland, Acute Phase Reactants: Induction and Host Resistance, Department of Microbiology (R. F. Mortensen), 21 July 1990 through 30 June 1991. (Project 762354 - Continuation)

\$138,250.00 - National Science Foundation, Washington, D.C., Active Site Structure and Chemistry in Enzymatic Sulfite Reduction, Department of Chemistry (J. A. Cowan) and Department of Biochemistry (R. P. Swenson), 15 July 1990 through 30 June 1991. (Project 768447 - New)

\$122,792.00 - Department of Health and Human Services, National Institute of Arthritis and Musculoskeletal and Skin Diseases, Bethesda, Maryland, Anterior Cruciate Ligament Reconstruction, Department of Mechanical Engineering (N. Berme) and Department of Surgery (S. R. Simon), 1 August 1990 through 31 July 1991. (Project 766933 - Continuation)

\$117,297.00 - Department of Health and Human Services, National Cancer Institute, Bethesda, Maryland, Oncology Training Grant, Department of Internal Medicine (S. P. Balcerzak), 13 July 1990 through 30 June 1991. (Project 761160 - Continuation)

\$117,086.00 - Department of Health and Human Services, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Localization of the Functional Domains on the Bacillus thuringiensis Delta-Endotoxin, Department of Biochemistry (D. H. Dean), 1 July 1990 through 30 June 1991. (Project 767596 - Continuation)

\$107,585.00 - National Science Foundation, Washington, D.C., A Model for Anomaly Resolution in Scientific Change, Department of Computer and Information Science (B. Chandrasekaran) and Center for Cognitive Science (P. W. Culicover), 15 July 1990 through 31 August 1991. (Project 768473 - New)

\$105,464.00 - Department of Health and Human Services, National Institute of Environmental Health Sciences, Research Triangle Park, North Carolina, Biochemical Studies of Arsenite Oxidase and Sulfite Oxidase, Department of Physiological Chemistry (C. R. Hille), 1 July 1990 through 30 June 1991. (Project 766908 - Continuation)

\$103,703.00 - Department of the Interior, Geological Survey, Reston, Virginia, FY 1990 Ohio Water Research Institute Program, Engineering Experiment Station (R. C. Stiefel), Department of Chemical Engineering (L. S. Fan), Department of Agronomy (G. K. Sims and S. J. Traina), and Department of Agricultural Engineering (A. Ward), 1 July 1990 through 30 June 1991. (Project 766766 - Continuation)

\$103,406.00 - Department of Health and Human Services, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Ex Vivo Xenoantibody Adsorption, Department of Surgery (M. L. Henry), 1 July 1990 through 30 June 1991. (Project 767662 - Continuation)

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**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$98,000.00 - National Science Foundation, Washington, D.C., Targeting of Nodulins and Biogenesis of the Endosymbiotic Compartment, Biotechnology Program (D. P. S. Verma), 1 June 1990 through 31 May 1991. (Project 767492 - Continuation)

\$97,835.00 - International Development Cooperation Agency, Agency for International Development, Washington, D.C., U.S. AID Program Support Grant for Fiscal Years 1986-1991, Office of International Programs in Agriculture (D. O. Hansen), 1 September 1990 through 30 June 1991. (Project 765750 - Continuation)

\$95,936.00 - Department of Health and Human Services, National Institute on Aging, Bethesda, Maryland, Auditory Aiding for Perceptual-Motor Decline in Aging, Department of Psychology (R. J. Jagacinski), 1 August 1990 through 31 July 1991. (Project 768478 - New)

\$94,891.00 - Department of Health and Human Services, National Eye Institute, Bethesda, Maryland, Physiological Analysis of Optic Nerve Disease, College of Optometry (P. E. King-Smith), 1 August 1990 through 31 July 1991. (Project 763996 - Continuation)

\$92,945.00 - Department of Health and Human Services, National Heart, Lung, and Blood Institute, Bethesda, Maryland, Regulation of Macrophage Interleukin-1 Beta Production, Department of Internal Medicine (M. D. Wewers), 1 July 1990 through 30 June 1991. (Project 767518 - Continuation)

\$92,256.00 - National Science Foundation, Washington, D.C., The Information Processing Effects of Attitude Importance, Department of Psychology (J. Krosnick), 15 June 1990 through 30 June 1992. (Project 768413 - New)

\$88,735.00 - National Science Foundation, Washington, D.C., Hydraulic Forming Simulator, Department of Materials Science and Engineering (R. H. Wagoner), 15 July 1990 through 30 June 1991. (Project 768435 - New)

\$87,077.00 - Department of Labor, Bureau of International Labor Affairs, Washington, D.C., Poland Self-Employment and Entrepreneurial Skills Training Project, Center on Education and Training for Employment (R. D. Ryan), 1 July 1990 through 30 June 1991. (Project 768442 - New)

\$83,300.00 - National Science Foundation, Washington, D.C., X-Ray Spectroscopy of Metal Centers in Respiratory Proteins, Department of Physiological Chemistry (J. O. Alben), 1 August 1990 through 31 July 1991. (Project 767637 - Continuation)

\$77,128.00 - Department of Health and Human Services, National Institute of Diabetes and Digestive and Kidney Diseases, Bethesda, Maryland, Feline Retrovirus Associated Intestinal Dysfunction, Department of Veterinary Pathobiology (L. E. Mathes), 1 July 1990 through 30 June 1991. (Project 766909 - Continuation)

\$75,000.00 - Department of Agriculture, Science and Education, Washington, D.C., Molecular Mechanisms of Geminivirus Replication, Biotechnology Program and Department of Molecular Genetics (D. M. Bisaro), 1 September 1990 through 31 August 1991. (Project 768439 - New)

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**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$75,000.00 - Department of the Interior, Geological Survey, Reston, Virginia, The Development of a Cartographic Model for a Knowledge-Based Cartographic System, Center for Mapping (J. D. Bossler), 1 June 1990 through 31 May 1991. (Project 768430 - New)

\$73,500.00 - National Science Foundation, Washington, D.C., Physiological Substrates and Products of Carbon Monoxide Dehydrogenase from Methanosarcina barkeri, Department of Microbiology (J. A. Krzycki), 1 July 1990 through 30 June 1991. (Project 767791 - Continuation)

\$71,364.00 - Department of Health and Human Services, National Institute of Dental Research, Bethesda, Maryland, Deoxyridine Metabolism in Herpes Labialis, Department of Microbiology and Immunology (M. V. Williams), 1 July 1990 through 30 June 1991. (Project 764006 - Continuation)

\$71,130.00 - National Science Foundation, Washington, D.C., The Relativistic Optical Model at Intermediate Energies, Department of Physics (B. C. Clark), 1 July 1990 through 30 June 1991. (Project 767674 - Continuation)

\$70,000.00 - National Science Foundation, Washington, D.C., Light Scattering from Strongly Perturbed Semiconductors, Department of Physics (R. Sooryakumar), 15 June 1990 through 31 May 1991. (Project 768417 - New)

\$70,000.00 - National Science Foundation, Washington, D.C., Quasi-Elastic Light Scattering Studies of Protein Refolding and Aggregation, Department of Chemical Engineering (S. T. Yang), 1 July 1990 through 30 June 1992. (Project 768477 - New)

\$69,450.00 - Department of Health and Human Services, National Heart, Lung, and Blood Institute, Bethesda, Maryland, Human Erythroid-Potentiating Activity, Department of Internal Medicine (B. R. Avalos), 1 August 1990 through 31 July 1991. (Project 766427 - Continuation)

\$69,000.00 - National Science Foundation, Washington, D.C., Intermolecular Free Radical Addition Reaction, Department of Chemistry (D. J. Hart), 1 July 1990 through 30 June 1991. (Project 768426 - New)

\$62,000.00 - National Science Foundation, Washington, D.C., Presidential Young Investigator Award, Department of Physics (R. J. Perry), 1 February 1991 through 31 January 1992. (Project 766901 - Continuation)

\$59,745.00 - Department of Health and Human Services, National Institute of General Medical Sciences, Bethesda, Maryland, Catalytic Sites of Two Calmodulin-Dependent Enzymes, Department of Chemistry (M. M. King), 1 July 1990 through 30 June 1991. (Project 767619 - Continuation)

\$59,160.00 - Department of Energy, Argonne, Illinois, Molecular Orbital Studies of the Bonding in Heavy Element Organometallics, Department of Chemistry (B. Bursten), 1 July 1990 through 30 June 1991. (Project 765484 - Continuation)

\$57,355.00 - National Science Foundation, Washington, D.C., Presidential Young Investigator Award, Department of Physics (D. L. Cox), 1 January 1991 through 31 December 1991. (Project 766937 - Continuation)

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**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$54,000.00 - Department of Energy, Argonne, Illinois, Investigations of Ultrasonic Surface Wave Interaction with Porous Saturated Rocks, Department of Welding Engineering (L. Adler), 1 July 1990 through 30 June 1991. (Project 766168 - Continuation)

\$52,250.00 - National Science Foundation, Washington, D.C., Dynamics and Patterns in Reaction Diffusion Equations, Department of Mathematics (D. Terman), 1 July 1990 through 30 June 1992. (Project 768453 - New)

\$51,914.00 - Department of Education, Washington, D.C., Advanced Modern Standard Arabic Proficiency Oriented Language Materials Project, Department of Judaic and Near Eastern Languages and Literatures (M. M. Alesh), 15 July 1990 through 14 July 1991. (Project 768416 - New)

\$50,000.00 - Department of Agriculture, Science and Education, Washington, D.C., Dispersal of Two Fungal Pathogens of Strawberry by Rain Splash, Department of Plant Pathology - OARDC (L. V. Madden and M. A. Ellis), 1 July 1990 through 30 June 1991. (Project 768472 - Continuation)

\$44,500.00 - National Science Foundation, Washington, D.C., Algebraic and Geometric Topology, Department of Mathematics (M. W. Davis and R. M. Charney), 1 July 1990 through 30 June 1991. (Project 767613 - Continuation)

\$40,000.00 - Department of Health and Human Services, National Institute of General Medical Sciences, Bethesda, Maryland, X-Ray Studies on Nucleic Acid Constituents, Department of Chemistry (M. Sundaralingam), 1 September 1990 through 28 February 1991. (Project 768487 - New)

\$39,324.00 - National Science Foundation, Washington, D.C., Econometric Models of Probabilistic Choice Over a Continuous Choice Set, Department of Economics (S. R. Cosslett), 1 July 1990 through 30 June 1991. (Project 767597 - Continuation)

\$39,200.00 - National Science Foundation, Washington, D.C., Multilinear Analysis of Spectroscopic Data, Department of Statistics (S. E. Leurgans) and Department of Biochemistry (R. T. Ross), 1 July 1990 through 30 June 1991. (Project 767631 - Continuation)

\$33,300.00 - National Science Foundation, Washington, D.C., Geometry and Topology of Complex Variables and Manifolds in Low Dimensions, Department of Mathematics (W. D. Neumann), 1 June 1990 through 31 May 1991. (Project 767479 - Continuation)

\$32,900.00 - National Science Foundation, Washington, D.C., Yang-Baxter Operators, Quantum Field Theories, and Invariants in Low-Dimensional Topology Via Hopf Algebras and Representations of Monoidal Categories, Mansfield Campus (D. N. Yetter), 1 July 1990 through 30 June 1992. (Project 768397 - New)

\$32,000.00 - National Science Foundation, Washington, D.C., Composition of Sums of Squares: Quadratic Forms and Galois Groups, Department of Mathematics (J. C. Ferrar and T. L. Smith), 1 June 1990 through 31 May 1992. (Project 768412 - New)

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**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

Federal Research Contracts/Grants (contd)

\$29,800.00 - National Science Foundation, Washington, D.C., Groups, Geometry, and Algorithms, Department of Mathematics (W. D. Neumann and M. Shapiro), 15 June 1990 through 31 May 1992. (Project 768410 - New)

\$29,052.00 - Department of the Air Force, Air Force Systems Command, Kirtland Air Force Base, New Mexico, Assignment Agreement, Department of Aeronautical and Astronautical Engineering (P. J. Turchi), 1 June 1990 through 30 September 1990. (Project 768407 - New)

\$28,000.00 - Department of Health and Human Services, National Institute of General Medical Sciences, Bethesda, Maryland, Involvement of a tRNA Synthetase in RNA Splicing, Department of Molecular Genetics (A. M. Lambowitz), 1 September 1990 through 31 August 1991. (Project 767697 - Continuation)

\$25,000.00 - National Science Foundation, Washington, D.C., Presidential Young Investigator Award, Department of Welding Engineering (A. Benatar), 15 July 1990 through 30 June 1991. (Project 768483 - New)

\$24,500.00 - National Science Foundation, Washington, D.C., Presidential Young Investigator Award, Department of Mathematics (K. Rubin), 1 February 1991 through 31 January 1992. (Project 766905 - Continuation)

\$22,796.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Molecular Biology of the Extremely Thermophilic Archaeobacterium, Methanothermus fervidus, Department of Microbiology (J. N. Reeve), 1 June 1990 through 30 September 1990. (Project 765291 - Continuation)

\$20,800.00 - National Science Foundation, Washington, D.C., Algebra and Number Theory: Shimura Varieties, Department of Mathematics (A. Silverberg), 15 June 1990 through 31 May 1991. (Project 768427 - New)

\$20,000.00 - National Science Foundation, Washington, D.C., Emission Line Regions of Active Nuclei and Classical Novae, Department of Astronomy (G. J. Ferland), 1 July 1990 through 30 November 1991. (Project 766540 - Continuation)

\$15,805.00 - National Science Foundation, Washington, D.C., Pike Piscivory and Ponds: Complex Interactions in Littoral Benthic Communities, Department of Zoology (R. A. Stein), 15 July 1990 through 30 June 1993. (Project 768471 - New)

\$15,000.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Processing and Testing of Chromized-Aluminized Diffusion Coatings on Superalloys, Department of Materials Science and Engineering (R. A. Rapp), 1 July 1990 through 30 September 1990. (Project 768203 - Continuation)

\$13,000.00 - National Science Foundation, Washington, D.C., Syntheses and Studies of Selected Metal Carbonyl and Boron-Metal Carbonyl Clusters, Department of Chemistry (S. G. Shore), 1 September 1990 through 31 August 1991. (Project 766824 - Continuation)

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**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$12,000.00 - National Science Foundation, Washington, D.C., Market Behavior in U.S. Food Industries: An Examination of Alternative Theories, Department of Agricultural Economics and Rural Sociology - OARDC and Department of Agricultural Economics and Rural Sociology (E. Jones), 15 July 1990 through 30 June 1991. (Project 768434 - New)

\$11,995.00 - National Science Foundation, Washington, D.C., Ceremonial Exchange of Vanport Flint Bladelets Among "Hopewell" Groups in the Lower Scioto River Valley: A Test of a New Method of Sourcing Flint, Department of Anthropology (R. W. Yerkes), 1 August 1990 through 31 July 1992. (Project 768438 - New)

\$10,509.00 - Department of Health and Human Services, National Center for Research Resources, Bethesda, Maryland, Small Instrumentation Grant, College of Pharmacy (R. W. Brueggemeier), 1 August 1990 through 31 July 1991. (Project 768337 - New)

\$10,370.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Scale Elimination in Turbulent Flows, Department of Mechanical Engineering and Department of Aeronautical and Astronautical Engineering (T. Herbert), 1 January 1991 through 21 February 1991. (Project 768182 - Continuation)

\$10,000.00 - Department of the Army, Army Materiel Command, Aberdeen Proving Ground, Maryland, Optical Isomers of Medetomidine Analogs, College of Pharmacy (D. D. Miller), 1 June 1990 through 31 May 1991. (Project 768466 - New)

\$6,184.00 - Department of Energy, Argonne, Illinois, Strongly Interacting Fermion Systems, Department of Physics (J. W. Wilkins), 15 November 1989 through 14 November 1990. (Project 766783 - Continuation)

\$6,000.00 - National Science Foundation, Washington, D.C., Presidential Young Investigator Award, Department of Physics (G. P. Lafyatis), 1 June 1990 through 28 February 1991. (Project 766988 - Continuation)

\$5,770.00 - Department of Transportation, National Highway Traffic Safety Administration, East Liberty, Ohio, Head Injury Trauma Research Program, Department of Mechanical Engineering (R. L. Stalnaker), 1 July 1990 through 30 September 1990. (Project 767854 - Continuation)

\$5,000.00 - Department of Health and Human Services, National Center for Research Resources, Bethesda, Maryland, Small Instrumentation Grant, Department of Veterinary Pathobiology (T. J. Rosol), 15 July 1990 through 30 June 1991. (Project 768444 - New)

\$572.00 - Department of Health and Human Services, National Cancer Institute, Bethesda, Maryland, Immunoprevention of Human T-Cell Leukemia Virus-I Infection, Department of Veterinary Pathobiology (R. G. Olsen and L. E. Mathes), 1 December 1989 through 30 November 1990. (Project 765057 - Continuation)

**TOTAL - FEDERAL AWARDS**

**\$ 8,011,276.00**

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**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**State of Ohio Research Contracts/Grants**

\$930,886.65 - State of Ohio, Department of Education, Columbus, Ohio, Vocational Education Contracts - C - Trade and Technical Education, Education Administration (D. P. Anderson), 1 July 1990 through 30 June 1991. (Project 768454 - Continuation)

\$847,024.00 - State of Ohio, Department of Education, Columbus, Ohio, Vocational Education Contracts - E - Instructional Materials Laboratory, Center on Education and Training for Employment (R. D. Ryan), 1 July 1990 through 30 June 1991. (Project 768458 - Continuation)

\$692,768.53 - State of Ohio, Department of Education, Columbus, Ohio, Vocational Education Contracts - D - Vocational Educational Services, Education Administration (D. P. Anderson), 1 July 1990 through 30 June 1991. (Project 768457 - Continuation)

\$568,502.23 - State of Ohio, Department of Education, Columbus, Ohio, Vocational Education Contracts - B - Vocational Research, Survey, Evaluation, and Exemplary Programs, Education Administration (D. P. Anderson), 1 July 1990 through 30 June 1991. (Project 768456 - Continuation)

\$303,975.00 - State of Ohio, Department of Natural Resources, Columbus, Ohio, Ecology and Population Dynamics of Lake Erie Fishes, Department of Zoology (B. Vondracek), 1 July 1990 through 30 June 1991. (Project 766201 - Continuation)

\$214,448.00 - State of Ohio, Board of Regents, Columbus, Ohio, Urban University Program, Research and Graduate Studies Administration (T. L. Sweeney), 1 July 1990 through 30 June 1991. (Project 768468 - New)

\$81,486.00 - State of Ohio, Department of Education, Columbus, Ohio, State Superintendent's Task Force for Preparing Special Education Personnel, Education Administration (T. M. Stephens), 1 July 1990 through 30 June 1991. (Project 768403 - Continuation)

\$60,000.00 - State of Ohio, Department of Mental Health, Columbus, Ohio, Social Work Practice with Persons with Severe Mental Disabilities, College of Social Work (M. Coleman), 1 July 1990 through 30 June 1991. (Project 768489 - Continuation)

\$40,000.00 - State of Ohio, Department of Development, Columbus, Ohio, Ohio Business Retention and Expansion Program, Department of Agricultural Economics and Rural Sociology (L. J. Hushak), 1 July 1990 through 30 June 1991. (Project 768424 - Continuation)

\$29,700.00 - State of Ohio, Department of Human Services, Columbus, Ohio, Take a Break, County Operations - Ohio Cooperative Extension Service (C. J. Syracuse), 1 July 1990 through 30 June 1991. (Project 768418 - Continuation)

\$25,000.00 - State of Ohio, Department of Human Services, Columbus, Ohio, Parent Education: A Prevention, County Operations - Ohio Cooperative Extension Service (B. W. Chirayath), 1 July 1990 through 30 June 1991. (Project 768423 - Continuation)

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**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**State of Ohio Research Contracts/Grants (contd)**

\$20,000.00 - State of Ohio, Department of Development, Columbus, Ohio, Labor-Management Partnership Program (A Regional Center for the Advancement of Labor-Management Cooperation), Academic Faculty of Management and Human Resources (D. B. Patton and H. R. Bobbitt, Jr.), 1 July 1989 through 31 October 1990. (Project 767608 - Continuation)

\$18,000.00 - State of Ohio, Department of Natural Resources, Columbus, Ohio, Forest Industry By-Product Study, County Operations - Ohio Cooperative Extension Service (S. M. Bratkovich) and Administration - Ohio Cooperative Extension Service (G. R. Passewitz), 1 January 1990 through 31 January 1991. (Project 768440 - New)

\$17,129.00 - State of Ohio, Department of Human Services, Columbus, Ohio, Master Parenting, County Operations - Ohio Cooperative Extension Service (N. Hudson), 1 July 1990 through 30 June 1991. (Project 768421 - Continuation)

\$14,963.00 - State of Ohio, Department of Human Services, Columbus, Ohio, Special Parenting Program, County Operations - Ohio Cooperative Extension Service (B. J. Wurzel), 1 July 1990 through 30 June 1991. (Project 768419 - Continuation)

\$11,055.00 - State of Ohio, Department of Human Services, Columbus, Ohio, Parent Support Group, County Operations - Ohio Cooperative Extension Service (C. J. Syracuse), 1 July 1990 through 30 June 1991. (Project 768422 - Continuation)

\$7,536.00 - State of Ohio, Department of Education, Columbus, Ohio, Upward Bound Summer Food Program, Office of Minority Affairs (L. K. Jackson), 1 June 1990 through 31 October 1990. (Project 768376 - Continuation)

\$6,375.00 - State of Ohio, Department of Human Services, Columbus, Ohio, Building Family Strengths, County Operations - Ohio Cooperative Extension Service (B. J. Gilbert), 1 July 1990 through 30 June 1991. (Project 768420 - Continuation)

**TOTAL - STATE OF OHIO AWARDS** **\$ 3,888,848.41**

**Industrial Research Contracts/Grants**

\$163,081.00 - The Procter and Gamble Company, Cincinnati, Ohio, The Relative Effects of Diets Containing an Experimental Fat or Palm Oil/Palm Kernel Oil on Serum Lipids and Apolipoproteins in Men, School of Allied Medical Professions (G. M. Wardlaw) and Department of Human Nutrition and Food Management (J. T. Snook), 1 July 1990 through 30 June 1991. (Project 768462 - New)

\$123,522.00 - Neoprobe Corporation, Columbus, Ohio, Biodistribution and Dose Optimization of Various Radiolabeled Monoclonal Antibodies in Nude Mice -- Phase I, Department of Veterinary Pathobiology (G. S. Krakowka), 23 July 1990 through 22 July 1991. (Project 768451 - New)

\$96,746.00 - General Electric Governmental Services, Cherry Hill, New Jersey, Non-Formal Vocational Training Project: Turkey, Center on Education and Training for Employment (R. D. Ryan), 20 May 1990 through 15 December 1990. (Project 768475 - New)

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Industrial Research Contracts/Grants (contd)**

\$46,980.00 - The NutraSweet Company, Deerfield, Illinois, Aspartame Solution Stabilization: Interaction of Aspartame with Food Hydrocolloids, Department of Food Science and Nutrition - OARDC and Department of Food Science and Technology (P. M. T. Hansen) and Department of Food Science and Technology (G. W. Chism, III), 15 July 1990 through 14 July 1991. (Project 768409 - New)

\$39,470.00 - Showa Denko K.K., New York, New York, Efficacy of L-Ascorbyl-2-Phosphate Sodium for Weaning and Growing-Finishing Swine, Department of Animal Science - OARDC and Department of Animal Science (D. C. Mahan) and Department of Animal Science (A. J. Lepine), 1 July 1990 through 30 June 1991. (Project 768405 - New)

\$35,823.00 - General Electric Company, Cincinnati, Ohio, Plasma Arc Tunnel Test Program, Department of Aeronautical and Astronautical Engineering (J. D. Lee and G. M. Gregorek), 13 October 1989 through 30 January 1991. (Project 767130 - Continuation)

\$31,788.00 - Adria Laboratories, Dublin, Ohio, A Continued Assessment of the Safety, Tolerance, and Pharmacokinetics of Single Intravenous Doses of ADR-851 Compared to Placebo in Normal Healthy Male Volunteers, Department of Pharmacology (N. Gerber), 1 March 1990 through 31 August 1990. (Project 768198 - Continuation)

\$6,500.00 - E. R. Squibb and Sons, Princeton, New Jersey, Evaluation of the Safety and Efficacy of Zofenopril Calcium Therapy in Patients with Chronic Heart Failure, Department of Internal Medicine (C. V. Leier and R. J. Cody), 1 October 1989 through 30 June 1991. (Project 767122 - Continuation)

\$6,000.00 - Hoffman-LaRoche, Inc., Nutley, New Jersey, Comparison of Furosemide and Bumetanide in the Treatment of Prehospital and Emergency Department Pulmonary Edema, Department of Preventive Medicine (D. R. Martin and C. G. Brown), 1 January 1990 through 31 December 1990. (Project 768486 - New)

\$5,800.00 - CIBA-GEIGY Corporation, Summit, New Jersey, Multiple Oral Dose Study of CGS-15873A(06) in Healthy Normal Male Volunteers, Department of Pharmacology (N. Gerber), 15 March 1990 through 14 March 1991. (Project 768199 - Continuation)

\$5,000.00 - Rockwell International, Thousand Oaks, California, Development of a Postprocessor for Welding Thermal Analysis Using ABAQUS Computer Code, Department of Welding Engineering (C. L. Tsai), 12 July 1990 through 5 October 1990. (Project 768432 - New)

\$2,500.00 - San Diego Clinical Research Associates, Vista, California, An Open Multisite Study of the Safety and Efficacy of Cetirizine in Allergic Rhinitis and Idiopathic Urticaria, Department of Internal Medicine (D. L. McNeil), 1 July 1990 through 30 June 1991. (Project 768433 - New)

\$1,387.00 - The Procter and Gamble Company, Cincinnati, Ohio, A Multicenter Trial to Evaluate the Safety and Effectiveness of Peridex Dosed B.I.D. for Preventing or Delaying the Occurrence of Lesions Due to Oral Candidiasis in HIV-Positive Individuals, Department of Internal Medicine (M. F. Para), 1 July 1990 through 30 June 1991. (Project 768383 - Continuation)

**TOTAL - INDUSTRIAL AWARDS**

**\$ 564,597.00**

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**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Other Non-Federal Research Contracts/Grants**

\$1,706,914.00 - National Association of Regulatory Utility Commissioners, Washington, D.C., Research and Assistance Plan and Budget for the National Regulatory Research Institute: The Business Plan for Fiscal Year 1991, National Regulatory Research Institute (D. N. Jones), 1 July 1990 through 30 June 1991. (Project 763289 - Continuation)

\$410,416.00 - University of Chicago, Argonne, Illinois, Optical Readout System for the ZEUS Barrel Calorimeter, Department of Physics (T. Y. Ling and T. A. Romanowski), 1 January 1990 through 31 January 1991. (Project 767107 - Continuation)

\$332,100.00 - United Nations, Geneva, Switzerland, Evaluation of Active Immunization with Synthetic Peptides of hCG as a Fertility Control Method, Department of Obstetrics and Gynecology (V. C. Stevens), 1 July 1990 through 30 June 1991. (Project 760113 - Continuation)

\$210,039.00 - Healthcare Financial Management Association, Westchester, Illinois, The Development of a Financial Service for the Hospital Industry, Division of Hospital and Health Services Administration (W. O. Cleverley), 1 July 1990 through 30 June 1991. (Project 761794 - Continuation)

\$110,000.00 - American Cancer Society, Atlanta, Georgia, Leukemia Cell Differentiation: Epigenetic Therapeutics, Department of Physiological Chemistry and Comprehensive Cancer Center (R. W. Trewyn), 1 July 1990 through 30 June 1991. (Project 766163 - Continuation)

\$94,158.00 - Columbus Human Services Department, Columbus, Ohio, The Columbus Neighborhood Technical Assistance Program, Department of City and Regional Planning (S. I. Gordon), 1 January 1990 through 31 December 1990. (Project 768133 - Continuation)

\$67,500.00 - Twenty-Eight Members of the National Entrepreneurship Education Consortium, National Entrepreneurship Education Consortium, Center on Education and Training for Employment (R. D. Ryan), 1 July 1989 through 30 June 1990. (Project 767682 - Continuation)

\$53,402.00 - Kuwait Government, Safat, Kuwait, Establishment of a DACUM Center in Kuwait, Center on Education and Training for Employment (R. D. Ryan), 1 July 1990 through 31 August 1990. (Project 768485 - New)

\$37,500.00 - Government of Turkey, Ankara, Turkey, Feasibility Study for Socioeconomic Development for the City of Dinar, Center on Education and Training for Employment (R. D. Ryan), 1 July 1990 through 30 September 1990. (Project 768429 - New)

\$36,383.00 - The University of Georgia, Athens, Georgia, Leadership Infusion of Technology in Mathematics and Its Use in Science (LITMUS), Department of Mathematics (J. E. Schultz), 1 May 1990 through 30 April 1991. (Project 768431 - New)

\$35,992.00 - The Juvenile Diabetes Foundation International, New York, New York, Cellular Mechanism of the Diabetic Choroidal Repair Process Following Photocoagulation, Department of Ophthalmology (A. J. Fryczkowski), 1 September 1990 through 31 August 1991. (Project 767655 - Continuation)

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**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Other Non-Federal Research Contracts/Grants (contd)**

\$33,333.00 - Klingenstein Fund, New York, New York, Klingenstein Fellowship in Neuroscience, Oral Biology (W. E. Thomas), 1 July 1990 through 30 June 1991. (Project 766717 - Continuation)

\$32,000.00 - Ohio Corn Marketing Program Board, Marion, Ohio, The Ohio Grain Quality Initiative, Department of Agronomy - OARDC (R. C. Pratt), 1 July 1990 through 30 June 1991. (Project 768450 - New)

\$30,470.00 - American Heart Association, Dallas, Texas, Cardiovascular Effects of B<sub>±</sub> Kinins, Department of Physiology (P. E. Ward), 1 July 1990 through 30 June 1991. (Project 768449 - Continuation)

\$30,000.00 - C. F. Kettering Foundation, Dayton, Ohio, A Research Program on Sustainable Agricultural Systems, Department of Entomology - OARDC (B. R. Stinner), 1 August 1990 through 31 July 1992. (Project 768402 - New)

\$28,000.00 - Muscular Dystrophy Association, New York, New York, Characterization of the Mutant Gene of the Wobbler Mouse, Department of Neurology (J. R. Mendell and X. S. Jiang), 1 July 1990 through 30 June 1991. (Project 768312 - Continuation)

\$26,656.00 - Rutgers University, Piscataway, New Jersey, The Classification of the Finite Simple Group, Department of Mathematics (R. M. Solomon), 1 December 1990 through 30 November 1991. (Project 767618 - Continuation)

\$25,000.00 - American Otological Society, Inc., Minneapolis, Minnesota, Otosclerosis: Morphological, Histochemical, and Cell Culture Studies, Department of Otolaryngology (D. J. Lim), 1 July 1990 through 30 June 1991. (Project 766196 - Continuation)

\$25,000.00 - Ohio Aerospace Institute, Brookpark, Ohio, Development of Ohio Aerospace Institute, Department of Aeronautical and Astronautical Engineering (P. J. Turchi), 1 January 1990 through 30 June 1990. (Project 768400 - New)

\$24,832.00 - Upper Arlington City Schools, Upper Arlington, Ohio, Upper Arlington-Ohio State Middle School Project, School of Health, Physical Education, and Recreation (M. O'Sullivan), 27 August 1990 through 7 June 1991. (Project 767892 - Continuation)

\$23,068.00 - American Federation for Aging Research, Inc., New York, New York, Disinhibition of Cortical Cholinergic Activity and Attenuation of Age-Related Attentional Impairments, Department of Psychology (M. Sarter), 1 July 1990 through 30 June 1991. (Project 768463 - New)

\$20,000.00 - American Heart Association, Dallas, Texas, Asians: Love Your Hearts!, Department of Preventive Medicine (M. S. C. Chen), 1 July 1990 through 30 June 1991. (Project 768460 - New)

\$16,000.00 - Eight Members of the National Alliance of Community and Technical Colleges, National Alliance of Community and Technical Colleges, Center on Education and Training for Employment (R. D. Ryan), 1 July 1990 through 30 June 1991. (Project 768414 - Continuation)

September 7, 1990 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Other Non-Federal Research Contracts/Grants (contd)**

**\$15,000.00 - Arthritis Foundation - Central Ohio Chapter, Columbus, Ohio, Immunoregulation and Autoimmunity, Department of Internal Medicine (R. L. Whisler), 1 April 1990 through 31 December 1991. (Project 760620 - Continuation)**

**\$14,800.00 - Muskingum County Board of Mental Retardation and Developmental Disabilities, Zanesville, Ohio, Graduate Research Associate Internship Training, Nisonger Center (T. Fish and D. Hammer), 1 September 1990 through 31 August 1991. (Project 768459 - Continuation)**

**\$14,431.00 - Ohio Council on Economic Education, Columbus, Ohio, Approaching a Comprehensive Institutional Plan for Western Iowa Tech Community College: Building a New Siouxiand, Center on Education and Training for Employment (R. D. Ryan), 1 June 1990 through 30 June 1991. (Project 768428 - New)**

**\$14,412.00 - Columbus State Community College, Columbus, Ohio, Intramural/Recreation and Athletic Training/Administration Program, School of Health, Physical Education, and Recreation (W. A. Sutton), 1 July 1990 through 30 June 1991. (Project 767549 - Continuation)**

**\$12,000.00 - National Pork Producers Council, Des Moines, Iowa, Efficacy of Dietary Vitamin E Supplementation on Long-Term Sow Reproductive Performance and the Subsequent Mammary Transfer of Alpha-Tocopherol to Nursing Piglets, Department of Animal Science - OARDC and Department of Animal Science (D. C. Mahan), 1 July 1990 through 30 June 1991. (Project 768404 - New)**

**\$9,500.00 - Ohio Corn Marketing Program Board, Marion, Ohio, Maximizing the Use of Corn Grain in Feedlot Cattle Diets, Department of Animal Science - OARDC (S. C. Loecher), 1 July 1990 through 30 June 1991. (Project 768470 - New)**

**\$9,000.00 - Muscular Dystrophy Association, New York, New York, Myoblast Transfer: Controlled Trial of Immunosuppression, Department of Neurology (J. R. Mendell), 1 July 1990 through 30 June 1991. (Project 768395 - New)**

**\$8,000.00 - Pacific Bell Directory, San Francisco, California; Sarasota City Vocational Technical Center, Sarasota, Florida; South Dakota Department of Education, Pierre, South Dakota; and Ohio Department of Education, Columbus, Ohio, National Entrepreneurship Education Consortium, Center on Education and Training for Employment (R. D. Ryan), 1 July 1990 through 30 June 1991. (Project 768452 - Continuation)**

**\$5,000.00 - March of Dimes Birth Defects Foundation, White Plains, New York, Expression of Epidermal Growth Factor and Insulin Receptors in Placentae of Pregnancies Complicated by Maternal Diabetes: A Pilot Study, Department of Obstetrics and Gynecology (D. A. Kniss and M. B. Landon), 1 July 1990 through 30 June 1991. (Project 768436 - New)**

**\$3,540.00 - Cancer Therapy and Research Foundation of South Texas, San Antonio, Texas, Multidisciplinary Participation in the Cancer Control Activities of the Southwest Oncology Group, Department of Internal Medicine (S. P. Balcerzak), 1 March 1990 through 30 June 1990. (Project 765208 - Continuation)**

September 7, 1990 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Other Non-Federal Research Contracts/Grants (contd)**

\$3,000.00 - Bowling Green State University, Bowling Green, Ohio, On-Site Instruction for Vocational Agriculture Instructors in the Northwest Region, Department of Agricultural Education (R. K. Barrick), 1 July 1989 through 30 June 1990. (Project 767049 - Continuation)

\$2,800.00 - American College of Obstetricians and Gynecologists, Philadelphia, Pennsylvania, Clinical Trials in Gynecologic Oncology, Department of Obstetrics and Gynecology (L. J. Copeland), 1 July 1989 through 30 April 1991. (Project 767936 - Continuation)

\$2,500.00 - South Dakota Curriculum Center, Pierre, South Dakota, National Consortium of State Career Guidance Supervisors, Center on Education and Training for Employment (R. D. Ryan), 1 July 1990 through 30 June 1991. (Project 768406 - Continuation)

\$666.66 - Egyptian Government, Washington, D.C., Cultural and Educational Bureau -- Peace Fellowship Program, Department of Biochemistry (E. J. Behrman), 28 January 1990 through 31 August 1990. (Project 768116 - Continuation)

**TOTAL - OTHER NON-FEDERAL AWARDS** **\$ 3,523,412.66**

**ENGINEERING EXPERIMENT STATION**

**Industry and Other Sponsored Research and Development**

\$199,732.00 - from E.I. DuPont Co., Wilmington, Delaware, for "Permeation of Volatile and/or Corrosive Substances through Polymer Films," under the direction of the department of Chemical Engineering for the period June 1, 1990 through June 30, 1992. (529852)

\$123,400.00 - from EMTEC, Kettering, Ohio, for "A Better Test to Evaluate Sheet Formability," under the direction of the department of Materials Science and Engineering for the period July 1, 1990 through June 30, 1992. (312543)

\$90,000.00 - from Edison Welding Institute, Columbus, Ohio, for "Joining Advanced Materials for High Temperature Application," under the direction of the department of Welding Engineering for the period July 1, 1990 through June 30, 1991. (529384)

\$80,000.00 - from various industry for membership in the Compact Radar Cross Section Measurement Ranges Research and Development Consortium under the direction of the department of Electrical Engineering. (312884)

\$78,342.00 - from Nissan Motor Company, Ltd., Kanagawa, Japan, for "Optimal Design of Automotive Transmission for Reduced Noise -- Phase 1: Neutral Rattle Study," under the direction of the department of Mechanical Engineering for the period June 15, 1990 through December 31, 1990. (529851)

\$74,946.00 - additional funding from General Dynamics, Fort Worth, Texas, for "Development of Radar Target Identification Algorithms," under the direction of the department of Electrical Engineering for the period August 1, 1989 through December 31, 1990. (529819, Ext. 1)

September 7, 1990 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**ENGINEERING EXPERIMENT STATION (contd)**

**Industry and Other Sponsored Research and Development (contd)**

\$64,300.00 - from GE Aircraft Engines, Cincinnati, Ohio, for "LM 1600 Bravo/Romeo Project," under the direction of the department of Aeronautical and Astronautical Engineering for the period July 15, 1990 through December 31, 1990. (312545)

\$60,000.00 - additional funding from EPRI, Palo Alto, California, for "PWSCC Crack Growth of Alloy 600 Tubing," under the direction of the department of Materials Science and Engineering for the period April 24, 1987 through April 14, 1991. (312412, Ext. 5)

\$55,000.00 - from Edison Welding Institute, Columbus, Ohio, for "Thermal/Stress Modeling of Plastic Welding," under the direction of the department of Welding Engineering for the period July 1, 1990 through June 30, 1991. (529385)

\$55,000.00 - from Edison Welding Institute, Columbus, Ohio, for "Creep of Welded Austenitic Stainless Steels," under the direction of the department of Materials Science and Engineering for the period July 1, 1990 through June 30, 1991. (529388)

\$50,000.00 - from various industry for Associate Membership in the Engineering Research Center for Net Shape Manufacturing under the direction of the Engineering Experiment Station. (529200)

\$50,000.00 - from Edison Welding Institute, Columbus, Ohio, for "NDE of Composite Materials and Welds," under the direction of the department of Welding Engineering for the period July 1, 1990 through June 30, 1991. (529380)

\$50,000.00 - from Edison Welding Institute, Columbus, Ohio, for "Active Metal Brazing of CMCs," under the direction of the department of Materials Science and Engineering for the period July 1, 1990 through June 30, 1991. (529386)

\$45,000.00 - from Edison Welding Institute, Columbus, Ohio, for "Characterization of Polymers in the Vicinity of Welded Joints," under the direction of the department of Chemical Engineering for the period July 1, 1990 through June 30, 1991. (529390)

\$40,000.00 - from Edison Welding Institute, Columbus, Ohio, for "Weldability Test Techniques," under the direction of the department of Welding Engineering for the period July 1, 1990 through June 30, 1991. (529383)

\$40,000.00 - from Edison Welding Institute, Columbus, Ohio, for "Ultrasonic Strength Assessment of Adhesive and Welded Polymer Joints," under the direction of the department of Welding Engineering for the period July 1, 1990 through June 30, 1991. (529381)

\$40,000.00 - from Edison Welding Institute, Columbus, Ohio, for "NDE of Advanced Materials," under the direction of the department of Welding Engineering for the period July 1, 1990 through June 30, 1991. (529389)

\$39,999.00 - from The Metals Properties Council, Inc., New York, New York, for "Flaw Growth in a High Temperature, High Pressure Petroleum Industry Hydrogen Processing Vessel," under the direction of the department of Materials Science and Engineering for the period July 1, 1990 through June 30, 1991. (529855)

September 7, 1990 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**ENGINEERING EXPERIMENT STATION (contd)**

**Industry and Other Sponsored Research and Development (contd)**

\$33,930.00 - from Amoco Chemical Company, Chicago, Illinois, for "Amoco Chemical/Ohio State Collaboration on Expert Systems Project," under the direction of the department of Chemical Engineering for the period July 1, 1990 through June 30, 1991. (312544)

\$25,000.00 - from Edison Welding Institute, Columbus, Ohio, for "Penetration Studies in High Radiance Laser Welding," under the direction of the department of Welding Engineering for the period July 1, 1990 through June 30, 1991. (529382)

\$25,000.00 - from various industry for membership in the Engineering Research Center for Net Shape Manufacturing under the direction of the Engineering Experiment Station. (529200)

\$25,000.00 - from Edison Welding Institute, Columbus, Ohio, for "Full Penetration in Precision Mechanical GTAW," under the direction of the department of Welding Engineering for the period July 1, 1990 through June 30, 1991. (529393)

\$25,000.00 - from Edison Welding Institute, Columbus, Ohio, for "An Investigation of Weld Metal Microstructure Using TEM," under the direction of the department of Materials Science and Engineering for the period July 1, 1990 through June 30, 1991. (529387)

\$20,000.00 - from Jet Electronics and Technology, Inc., Grand Rapids, Michigan, for "Wind Tunnel Test of the Maris/Worden Stall Warning System," under the direction of the department of Aeronautical and Astronautical Engineering for the period June 15, 1990 through July 31, 1990. (312542)

\$10,800.00 - from City of Springfield, Springfield, Ohio for "Intern for City of Springfield," under the direction of the department of City and Regional Planning for the period July 2, 1990 through June 28, 1991. (529853)

\$10,000.00 - from Daimler Benz, Germany, for "MODZILLA Daimler Benz," under the direction of the department of Electrical Engineering for the period August 1, 1990 through July 31, 1991. (312548)

\$9,700.00 - in additional funding from Ford Motor Company, Dearborn, Michigan, for "Noise and Transmission Error Testing," under the direction of the department of Mechanical Engineering for the period March 1, 1988 through December 31, 1990. (312453, Ext. 2)

\$7,000.00 - from various industry for membership in the Gear Research Lab, under the direction of the department of Mechanical Engineering. (529735)

\$6,100.00 - from various industry for seven development projects in three areas of the College.

\$6,000.00 - from various industry for affiliate membership in the Engineering Research Center for Net Shape Manufacturing under the direction of the Engineering Experiment Station. (529200)

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**ENGINEERING EXPERIMENT STATION (contd)**

**Industry and Other Sponsored Research and Development (contd)**

\$6,000.00 - from Edison Welding Institute, Columbus, Ohio, for "Brazing Aluminum Nitride and Silicon Carbide to Steel," under the direction of the department of Materials Science and Engineering for the period June 1, 1990 through October 1, 1990. (312547)

**TOTAL - INDUSTRIAL AND OTHER SPONSORED RESEARCH** **\$1,445,249.00**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND**

**Establishment of Named Funds**

**The Gustavus and Sidney L. Basch Memorial Fund**

The Gustavus and Sidney L. Basch Memorial Fund was established September 7, 1990, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from the estate of Gustavus Basch (B.A. '26).

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to create and maintain a library for Japanese and Russian books and literature for language and cultural studies. Expenditures from the fund shall be authorized by the Director of The Ohio State University Libraries.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

**The Mildred M. Hugger Medical Research Fund**

The Mildred M. Hugger Medical Research Fund was established September 7, 1990, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from the Estate of Mildred M. Hugger, New York, New York.

All gifts are to be invested in the University's Permanent Endowment fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Establishment of Named Funds (contd)**

**The Mildred M. Hugger Medical Research Fund (contd)**

The annual income shall be reinvested with no income or principal being distributed until December 23, 2013 (25 years after the donor's death). After such 25 years, one-half of the annual income shall be used for research projects. The other one-half of the annual income shall continue to be reinvested until the value of the fund reaches \$1,000,000.00. Thereafter, the entire income may be used for research projects. The income may be used for research in the field of cardiac and vascular diseases and diseases of the eye, particularly cataracts, as approved by the Dean of the College of Medicine in consultation with the chairpersons of the appropriate departments. As appropriate, the results of the research supported by this fund shall be published.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

**The Charles E. Thorne Graduate Fellowship Fund**

The Charles E. Thorne Graduate Fellowship Fund was established September 7, 1990, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from the Estate of Virginia Ryan, in honor of her grandfather, Charles E. Thorne, who served as the first director of the Ohio Agricultural Experiment Station (now the Ohio Agricultural Research and Development Center at Wooster, Ohio).

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to support fellowships for students who will conduct their thesis research on projects administered by the Ohio Agricultural Research and Development Center. Selection of the awardees and the amount to be awarded to each student shall be determined under direction of the Director of the Ohio Agricultural Research and Development Center, in consultation with the University Committee on Student Financial Aid.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the Director of the Ohio Agricultural Research and Development Center in order to carry out the desire of the donor.

September 7, 1990 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Establishment of Named Funds (contd)**

**The Dr. Warren G. Morris Memorial Fund**

The Dr. Warren G. Morris Memorial Fund was established September 7, 1990, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from Ruth Penrod Morris (Bachelor of Science in Optometry '43) in memory of her husband, Warren G. Morris (Bachelor of Science in Optometry '49) of Maumee, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to support pediatric optometry at the direction of the Dean of the College of Optometry, in consultation with the senior faculty member in the field of pediatric optometry.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

**The Mary E. Alford Cancer Research Endowment Fund**

The Mary E. Alford Cancer Research Endowment Fund was established September 7, 1990, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from John W. Alford, of Newark, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to support cancer research in The Arthur G. James Cancer Hospital and Research Institute, as approved by the Director of The Arthur G. James Cancer Hospital and Research Institute and the Vice President for Health Services.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Establishment of Named Funds (contd)**

**The Lydia D. Bruny Memorial Scholarship Fund**

The Lydia D. Bruny Memorial Scholarship Fund was established September 7, 1990, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from family, friends and colleagues in honor of Lydia D. Bruny's career as a Fairfield County and Perry County Home Economics Extension Agent, as well as her years as an active 4-H member in Guemsey County.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide one or more scholarships to undergraduate students from Guemsey, Fairfield, or Perry Counties who are in the College of Agriculture or the College of Human Ecology. Criteria for selection shall include outstanding scholastic achievement, demonstrated leadership potential through extracurricular activities, and financial need. Preference will also be given to those students who have a strong background in 4-H. If no undergraduate student qualifies, it may be awarded to a graduate student preparing for a career in the Cooperative Extension Service. All awards shall be made in consultation with the University Committee on Student Financial Aid.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

**The William "Bill" and Nellie Draut Scholarship Fund**

The William "Bill" and Nellie Draut Scholarship Fund was established September 7, 1990, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from Florence I. Draut (B.S.H.E. '39) in honor of her parents, William and Nellie Draut.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide one or more scholarships to students enrolled in Home Economics Education. First priority should be given to students from Butler County, Ohio. If no students from Butler County qualify for the scholarship, second priority shall be given to students from Ohio. Selection shall be made by the appointees of the Dean of the College of Human Ecology, in consultation with the University Committee on Student Financial Aid.

September 7, 1990 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Establishment of Named Funds (contd)**

**The William "Bill" and Nellie Draut Scholarship Fund (contd)**

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

**The Robert Hubbell Magnuson Ophthalmology Education Fund**

The Robert Hubbell Magnuson Ophthalmology Education Fund was established September 7, 1990, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from Robert H. Magnuson, (B.A. '38, M.D. '41) of Columbus, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to support projects and activities in the Department of Ophthalmology within the College of Medicine that would lead to significant improvement and excellence in the department's program of education and research.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

**THE OHIO STATE UNIVERSITY FOUNDATION**

**Approval of Description and Establishment of Fund**

**The Ford Motor Company Chair in Electromechanical Systems Fund**

The Ford Motor Company Chair in Electromechanical Systems Fund was established September 7, 1990, by the Board of Trustees of The Ohio State University through funds received by the University from The Ohio State University Foundation from Ford Motor Company Fund of Dearborn, Michigan.

Income provided by the Foundation shall be distributed to the College of Engineering to be used to promote and support teaching and research in Electromechanical Systems in the College of Engineering. The goal of the fund is to establish the Ford Motor Company Chair in Electromechanical Systems with an endowed principal of at least \$1.25 million. The annual income shall be used to support the search for and the maintenance of the Ford Motor Company Chair in Electromechanical Systems. Until the fund reaches a minimum of \$1.25 million, the

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY FOUNDATION (contd)**

**Approval of Description and Establishment of Fund (contd)**

**The Ford Motor Company Chair in Electromechanical Systems Fund (contd)**

Dean of the College of Engineering shall authorize the use of the annual earnings of the fund. Any and all unused income and additional gifts shall be reinvested in the principal of the fund. When the Ford Motor Company Professor has been appointed, the annual income shall be used to provide salary and program support for one joint appointment in both the Department of Electrical Engineering and the Department of Mechanical Engineering of the College of Engineering. Appointment to the Ford Motor Company Chair shall be recommended by the Dean of the College of Engineering to the Provost and approved by the Board of Trustees. The chair holder shall report annually to the Ford Motor Company Fund on the goals, objectives, and plans for the chair in the upcoming academic year. These yearly reports will describe also the use of all fund earnings, past and projected, over the same two-year period.

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**EMPLOYMENT OF ARCHITECTS/ENGINEERS AND  
REQUEST FOR CONSTRUCTION BIDS**

Resolution No. 91-24

**PROJECTS FUNDED BY SUBSTITUTE HOUSE BILL 808**

Synopsis: The Fiscal Affairs Committee recommended the authorization to employ architects/engineers and request construction bids for projects for which funds have been appropriated in Substitute House Bill 808.

WHEREAS Substitute House Bill 808 enacted by the 118th General Assembly made capital appropriations for the following projects at The Ohio State University's Columbus and Regional Campuses for the 1990-1992 biennium; and

WHEREAS the University desires to move forward with the following five projects authorized by Substitute House Bill 808:

- Lazenby Hall - Third Floor Renovation
- Goss Laboratory Renovation - Retrovirus Containment
- 164 West 19th Avenue Building - Elevator
- OARDC - Fisher Auditorium Roof
- OARDC - Physical Plant Building Roof

**NOW THEREFORE**

BE IT RESOLVED, That the President and/or Acting Vice President for Business and Administration be authorized to select qualified architectural/engineering firms as necessary for these projects and that the fees for these services will be negotiated between the firms selected and the Department of Administrative Services, Division of Public Works, or the University, as appropriate; and

**EMPLOYMENT OF ARCHITECTS/ENGINEERS AND  
REQUEST FOR CONSTRUCTION BIDS (contd)**

**PROJECTS FUNDED BY SUBSTITUTE HOUSE BILL 808 (contd)**

BE IT FURTHER RESOLVED, That the President and/or Acting Vice President for Business and Administration be authorized to request construction bids on these projects in accordance with established University and State of Ohio procedures, and if satisfactory bids are received, to recommend the award of contracts to the Department of Administrative Services, Division of Public Works, or to award contracts, with all action to be reported to this Board at the appropriate time.

Upon motion of Mr. Teaford, seconded by Mr. Celeste, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix XV for background material and maps, page 327.)

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**EMPLOYMENT OF ARCHITECTS/ENGINEERS AND  
REQUEST FOR CONSTRUCTION BIDS**

Resolution No. 91-25

**OARDC - DAIRY MATERNITY AND CALF BARN REPLACEMENT  
MCCRACKEN POWER PLANT - WATER TREATMENT FACILITIES  
MCCRACKEN POWER PLANT - REBUILD HOT WATER HEATING SYSTEMS  
MCCRACKEN POWER PLANT - REPLACEMENT OF STEAM LINES**

Synopsis: The Fiscal Affairs Committee recommended the authorization to employ architects/engineers and request construction bids for the OARDC - Dairy Maternity and Calf Barn Replacement, McCracken Power Plant - Water Treatment Facilities, McCracken Power Plant - Rebuild Hot Water Heating Systems, and McCracken Power Plant - Replacement of Steam Lines projects.

WHEREAS the OARDC - Dairy Maternity and Calf Barn Replacement will reconstruct buildings and associated systems destroyed in a fire on April 11, 1990; and

WHEREAS the total estimated cost of this project is \$800,000.00, with the estimated construction cost being \$640,000.00, with funding provided from insurance proceeds and University funds; and

WHEREAS the McCracken Power Plant - Water Treatment Facilities will provide for utilities replacement to improve the water treatment at the Power Plant and to meet current EPA standards; and

WHEREAS the total estimated cost of this project is \$2,572,000.00, with the estimated construction cost being \$2,058,000.00, with funds provided from University bond proceeds; and

WHEREAS the McCracken Power Plant - Rebuild Hot Water Heating System will replace the old, deteriorated hot water heating system which services 56 central campus buildings; and

WHEREAS the total estimated cost of this project is \$515,000.00, with the estimated construction cost being \$410,000, with funds provided from University bond proceeds; and

September 7, 1990 meeting, Board of Trustees

**EMPLOYMENT OF ARCHITECTS/ENGINEERS AND  
REQUEST FOR CONSTRUCTION BIDS (contd)**

**OARDC - DAIRY MATERNITY AND CALF BARN REPLACEMENT  
MCCRACKEN POWER PLANT - WATER TREATMENT FACILITIES  
MCCRACKEN POWER PLANT - REBUILD HOT WATER HEATING SYSTEMS  
MCCRACKEN POWER PLANT - REPLACEMENT OF STEAM LINES (contd)**

WHEREAS the McCracken Power Plant - Replacement of Steam Lines will replace the deteriorated conduit system which supplies steam to Newton Hall, Graves Hall, and Prior Health Sciences Library; and

WHEREAS the total estimated cost of this project is \$295,000.00, with the estimated construction cost being \$236,000.00, with funds provided from University bond proceeds:

**NOW THEREFORE**

**BE IT RESOLVED**, That the President and/or Acting Vice President for Business and Administration be authorized to select qualified architectural/engineering firms as necessary for these projects and that the fees for these services be negotiated between the firms selected and the University; and

**BE IT FURTHER RESOLVED**, That the President and/or Acting Vice President for Business and Administration be authorized to request construction bids on these projects in accordance with established University procedures, and if satisfactory bids are received, to award contracts, with all actions to be reported to this Board at the appropriate time.

Upon motion of Mr. Teaford, seconded by Mr. Wexner, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix XVI for background material and maps, page 335.)

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**REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS**

Resolution No. 91-26

**AMERIFLORA '92 BIOCONTAINMENT FACILITY  
BRIDGE AND STREET IMPROVEMENTS  
(FAWCETT CENTER FOR TOMORROW LOOP ROAD)  
LIMA - PARKING LOT LIGHTING UPGRADE  
MANSFIELD - ROADWAY AND PARKING LOT REPAIRS  
NORTH ATHLETIC COMPLEX PLAYING FIELDS  
COFFEY ROAD INTRAMURAL FIELDS**

Synopsis: The Fiscal Affairs Committee recommended the Report of Award of Contracts and the Establishment of Contingency Funds for the AmeriFlora '92 Biocontainment Facility, Bridge and Street Improvements (Fawcett Center for Tomorrow Loop Road), Lima - Parking Lot Lighting Upgrade, Mansfield - Roadway and Parking Lot Repairs, North Athletic Complex Playing Fields, and Coffey Road Intramural Fields projects.

**REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

**AMERIFLORA '92 BIOCONTAINMENT FACILITY  
BRIDGE AND STREET IMPROVEMENTS  
(FAWCETT CENTER FOR TOMORROW LOOP ROAD)  
LIMA - PARKING LOT LIGHTING UPGRADE  
MANSFIELD - ROADWAY AND PARKING LOT REPAIRS  
NORTH ATHLETIC COMPLEX PLAYING FIELDS  
COFFEY ROAD INTRAMURAL FIELDS (contd)**

WHEREAS resolutions adopted by the Board of Trustees on September 2, 1988, and May 4, 1989, authorized the President and/or Vice President for Business and Administration to request bids in accordance with State of Ohio and University procedures, and if satisfactory bids were received, to recommend award of contracts to the Department of Administrative Services, Division of Public Works for the following projects: AmeriFlora '92 Biocontainment Facility, Bridge and Street Improvements (Fawcett Center for Tomorrow Loop Road), Lima - Parking Lot Lighting Upgrade, and Mansfield - Roadway and Parking Lot Repairs; and

WHEREAS resolutions adopted by the Board of Trustees on August 23, 1989, and October 6, 1989, authorized the President and/or Vice President for Business and Administration to request bids in accordance with established University procedures, and if satisfactory bids were received, to award contracts for the following projects: North Athletic Complex Playing Fields and Coffey Road Intramural Fields:

NOW THEREFORE

BE IT RESOLVED, That pursuant to the actions previously authorized by this Board and upon the recommendation of the Fiscal Affairs Committee, the Report of Award of Contracts and Establishment of Contingency Funds for the AmeriFlora '92 Biocontainment Facility, Bridge and Street Improvements (Fawcett Center for Tomorrow Loop Road), Lima - Parking Lot Lighting Upgrade, Mansfield - Roadway and Parking Lot Repairs, North Athletic Complex Playing Fields, and Coffey Road Intramural Fields projects are hereby accepted.

Upon motion of Mr. Teaford, seconded by Mr. Wexner, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix XVII for background material, tabulation of bids and maps, 339.)

Mr. Nichols:

I might mention two comments with regard to this contract. An estimated \$750,000 was saved on this contract because over a period of several years we accumulated dirt on that site. As many of you will recall, we called it Dick Jackson's dirt pile. And as a result, we did not have to buy any dirt and have it moved to the site.

And then second of all, I think there should be some recognition of George Igel Company who, earlier last fall, donated the time and equipment to move dirt at no cost to the University and also did some grading as part of that project. And they were very kind to have done that and we are very appreciative of that.

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September 7, 1990 meeting, Board of Trustees

**LEASE OF LAND AND RESEARCH AGREEMENT**

Resolution No. 91-27

**133.86 ACRES IN PIKE COUNTY, OHIO, FOR THE  
AGRICULTURAL MANAGEMENT SYSTEMS EVALUATION AREA PROJECT**

Synopsis: The Fiscal Affairs Committee recommended the approval of the lease of 133.86 acres in Pike County for an agricultural research program.

WHEREAS The Ohio State University, as a land-grant institution is committed to agricultural research and the University's College of Agriculture, including the Ohio Agricultural Research and Development Center and the Cooperative Extension Service, is involved in a collaborative effort with State and Federal agencies to conduct agricultural research to evaluate economically feasible agricultural management systems that minimize contamination of water resources from agricultural pesticides and fertilizers; and

WHEREAS the University has received approximately \$3 million through five-year Federal and State grants for this research; and

WHEREAS the site selected for this research program is 133.86 acres in Pike County, Ohio, owned by Helen J. Vanmeter, John I. Vanmeter, and Emma C. Vanmeter, and the owners have agreed to lease this property to the University for this purpose; and

WHEREAS the appropriate University offices are in agreement as to the desirability of leasing this property:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Acting Vice President for Business and Administration be authorized to lease this property from Helen J. Vanmeter, John I. Vanmeter, and Emma C. Vanmeter upon such terms and conditions as are deemed to be in the best interest of the University.

Upon motion of Mr. Teaford, seconded by Mr. Shumate, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix XVIII for background material and map, page 357.)

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**SALE OF REAL PROPERTY**

Resolution No. 91-28

**0.83 ACRE ON SAWMILL ROAD  
COLUMBUS, OHIO**

Synopsis: The Fiscal Affairs Committee recommended the approval of the sale of 0.83 acre on Sawmill Road, Columbus, Ohio.

September 7, 1990 meeting, Board of Trustees

**SALE OF REAL PROPERTY (contd)**

**0.83 ACRE ON SAWMILL ROAD  
COLUMBUS, OHIO (contd)**

WHEREAS The Ohio State University owns a tract of land consisting of approximately 0.72 acre forming part of the current Sawmill Road and a tract of unimproved land consisting of approximately 0.11 acre running along the east side of Sawmill Road north of the intersection of Case Road; and

WHEREAS the City of Columbus desires to purchase the 0.11 acre tract for the widening of Sawmill Road as a part of the City's Bethel Road Improvement Project, Phase III; desires a temporary construction easement for a strip of land adjacent on the east to the 0.11 acre; and further desires fee simple ownership of the existing 0.72 acre tract forming part of the current roadbed of Sawmill Road; and

WHEREAS an appraisal done for the City and a review appraisal done for the University placed the total value of these takings at \$2,310.00, and the City is willing to pay this amount; and

WHEREAS the appropriate University offices have determined that this sale is in the best interest of the University:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Acting Vice President for Business and Administration be authorized to sell all of the University's right, title, and interest in this property, for no less than the appraised value, upon such terms and conditions as are deemed to be in the best interest of the University, subject to authorization by the Ohio General Assembly and in accordance with the procedures and requirements of the Ohio Department of Administrative Services.

Upon motion of Mr. Teaford, seconded by Mr. Celeste, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix XIX for background material and map, page 361.)

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Mr. Scott:

Madam Chair, Mr. President, I would like to put this in perspective for everyone. I think it is a unique opportunity for us and, more importantly, it is a real achievement at a time when in most areas employers, in general, and universities in particular, are having a great deal of difficulty containing their benefits costs.

By way of background, you may recall that over the last two years members of the administration and the University community have undertaken several reviews of our costs associated specifically with our medical care. As a result of those studies, last May the Board of Trustees reviewed recommendations and approved a series of actions that I think brings us to this recommendation today. Specifically, the Board authorized the administration to put in place a series of co-payments, deductibles, and premium sharing elements for our health care programs for faculty/staff and for individuals who were part of the bargaining units, effective July 1, 1989. We have negotiated agreements with each of the bargaining groups. The Ohio Nurses

September 7, 1990 meeting, Board of Trustees

Mr. Scott: (contd)

Association was brought into the premium sharing program effective January 1, 1990, and the Fraternal Order of Police was brought in in more recent months. And as part of our negotiated contract with Communication Workers of America, we stipulated that they would not be required to share in any premium payments for health and medical benefits prior to June 30, 1990. So, all groups are now participating. There are roughly 15,000 individuals.

For your frame of reference, I should tell you a little about what those premiums are. For the health care program, total premiums for a single person is \$106.50. Individuals are asked, if they have single coverage, to contribute \$19.17. That is less than what we proposed to the Board last June. Two person coverage is \$213.00, with the individual share being \$38.34. The total cost for family coverage is \$333.00, with the individual share being \$59.94.

As a result of a combination of good fortune and circumstances, we have had a tremendous change in the mix, in terms of users. The physicians have attempted to be helpful in looking at their practices in terms of procedures, and we have taken measures to make sure that the costs of drugs are under control. For a range of reasons our costs seem to be holding, despite the fact that nationally the inflation index in the health care area is running in double digits -- about 10 percent.

In addition to the premiums, we indicated that as a part of the industry standard requirement we had to have a reserve. Our reserve has reached a level now where we believe that we will have in excess of our needs once again. So this proposal before you is to establish an additional premium holiday for the faculty and staff of this University for December 1990. As you know, you approved earlier a premium holiday for September 1990, meaning explicitly that the University and all participating faculty/staff members will not contribute to the cost of this program. We are asking at this time that we have one additional premium holiday for December. We believe this will bring our reserves in line. Assuming that our costs hold and we do not see an escalation in our health care premiums, then my sense is that next year as part of the President's budget -- and we have talked about this -- there will be a general review of all the premium rates. But again, with the reserve, that gives us an opportunity to have flexibility without coming back to the Board asking that we increase individual premium rates.

Amb. Wolf:

What is the total amount of the waiver?

Mr. Scott:

Roughly \$3 million. Once we subtract the September premium holiday, we will have roughly \$14 or \$15 million. We think we should have about \$11 or \$12 million. So, the \$3 million for December will bring us down to \$11 or \$12 million.

Mrs. Bowser:

So, it is \$3 million a month?

September 7, 1990 meeting, Board of Trustees

Mr. Scott:

Yes.

Amb. Wolf:

That is \$36 million a year, and you have \$11 or \$12 million reserved, which is one-third.

Mr. Scott:

Yes. That is running a little less than we had anticipated. I think one of the reasons is that roughly 2,000 people retired over the last 2 or 3 years, and we anticipate that another 400 to 800 will retire in the next 15 months. So the demographics have changed rather dramatically, and utilization patterns have also changed as indicated. There have also been changes made by the physicians. So there has been a combination of good successes here, but I certainly don't want to leave anyone with the impression that Ohio State has found the secret to containing health care costs.

Amb. Wolf:

Madison, thanks very much. That was a real fine report, very clear, very thorough. We are very fortunate in having you monitor that phase of our program, among other things.

#### PREMIUM HOLIDAY

Resolution No. 91-29

**Synopsis:** The Fiscal Affairs Committee recommended the approval of a second premium holiday for the month of December.

WHEREAS as a result of favorable financial experience in the University's medical care program the Board of Trustees at its May 3, 1990 meeting, approved a premium holiday for the month of September; and

WHEREAS the recent reversal in medical care cost escalation continues to hold firm; and

WHEREAS it is estimated that should the current trend continue the University's health care insurance reserve will still be somewhat in excess of standard industry requirements:

NOW THEREFORE

BE IT RESOLVED, That in accordance with the recommendation of President Gee, the Vice President for Personnel Services is hereby authorized and directed to implement a second health care premium holiday for the month of December 1990.

Upon motion of Mr. Teaford, seconded by Mr. Shumate, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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September 7, 1990 meeting, Board of Trustees

**REPORT - EXPENSES FOR DESIGNATED ADMINISTRATIVE OFFICIALS**

Resolution No. 91-30

Synopsis: The Fiscal Affairs Committee recommended the approval for reimbursement of expenses for designated administrative officials.

WHEREAS the Fiscal Affairs Committee has authorized the payment of expenses for designated administrative officials; and

WHEREAS it is deemed in the best interest of the University for the Fiscal Affairs Committee to provide from the unrestricted gifts to the University Endowment Fund on an appropriate basis, to the President and designated University officials, reimbursement for expenditures which are directly and necessarily related to the performance of their assigned responsibilities and in the best interest of the University:

NOW THEREFORE

BE IT RESOLVED, That the Fiscal Affairs Committee be authorized to provide reimbursement to designated University officials from unrestricted gifts to the University Endowment Fund.

Upon motion of Mr. Teaford, seconded by Ms. Casto, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**HISTORY OF JENNINGS YEARS AS PRESIDENT**

Resolution No. 91-31

Synopsis: The Fiscal Affairs Committee recommended authorization for preparation of History of Jennings Years as President.

WHEREAS it has been traditional that a history of the years an individual spends as President of the University is prepared upon the resignation of that President; and

WHEREAS President Edward H. Jennings has resigned from the Presidency on August 31, 1990:

NOW THEREFORE

BE IT RESOLVED, That the Secretary of the Board of Trustees be authorized to engage the services of a notable historian to prepare a History of the Jennings Years at an appropriate time, and that the Fiscal Affairs Committee of the Board of Trustees authorizes the expenditure from the unrestricted gifts to the University Endowment Fund of an amount sufficient to finance this project.

Upon motion of Mr. Teaford, seconded by Mr. Wexner, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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September 7, 1990 meeting, Board of Trustees

**PORTRAIT OF EDWARD H. JENNINGS**

Resolution No. 91-32

Synopsis: The Fiscal Affairs Committee recommended authorization for portrait of President Edward H. Jennings.

WHEREAS it has been traditional that an oil portrait of the President of the University is presented for appropriate display by the University at the time said President relinquishes his office; and

WHEREAS President Edward H. Jennings has resigned from the Presidency on August 31, 1990:

NOW THEREFORE

BE IT RESOLVED, That the Secretary of the Board be authorized to commission an outstanding portrait painter to paint a portrait of Edward H. Jennings and that the Fiscal Affairs Committee of the Board of Trustees authorizes the expenditure from the unrestricted gifts to the University Endowment Fund to be used to finance this project.

Upon motion of Mr. Teaford, seconded by Mr. Shumate, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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Mrs. Bowser:

Before I announce the meeting next month, I would like to remind everyone, not that I need to, but our first football game is tomorrow and Joel is already promoting the Rose Bowl. So, you can see that his thoughts are very optimistic.

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Thereupon the Board adjourned to meet Thursday, October 4, and Friday, October 5, 1990, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio.

Attest:

Madison H. Scott  
Secretary

Shirley D. Bowser  
Chairperson

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**APPENDIX XI**

**THE OHIO STATE UNIVERSITY ENDOWMENT SUMMARY**  
**August 17, 1990**

**Presented to the Investments Committee and  
Adopted by the Board of Trustees September 7, 1990  
(See page 199)**

**THE OHIO STATE UNIVERSITY**  
**ENDOWMENT FUND**

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**ENDOWMENT SUMMARY**

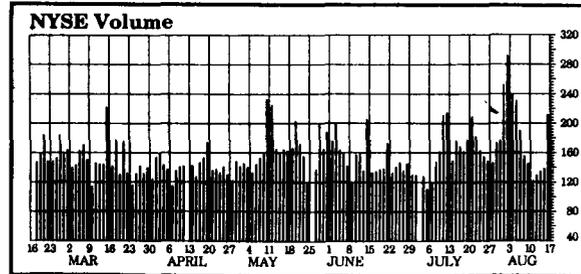
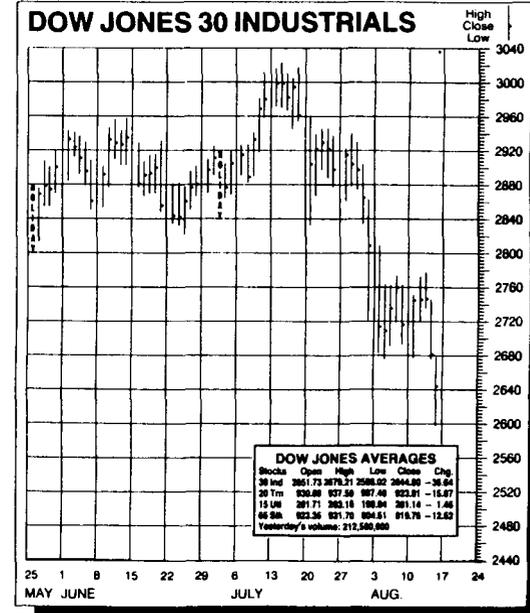
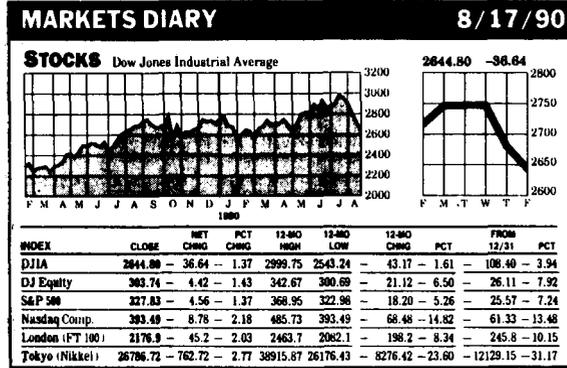
August 17, 1990

Office of the Treasurer



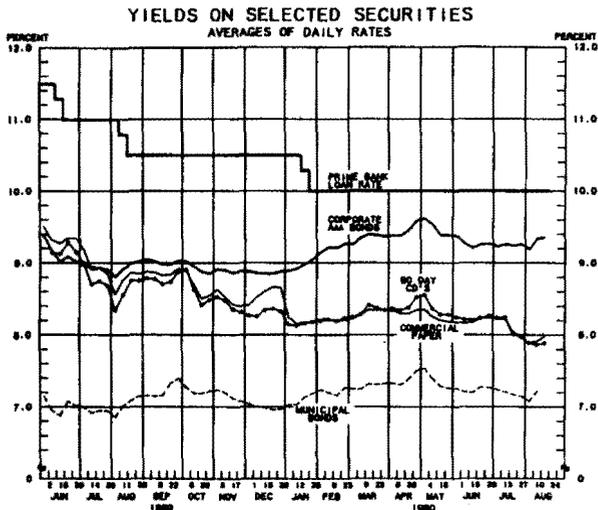
# The Ohio State University Endowment Fund

## Equity Market Information



# The Ohio State University Endowment Fund

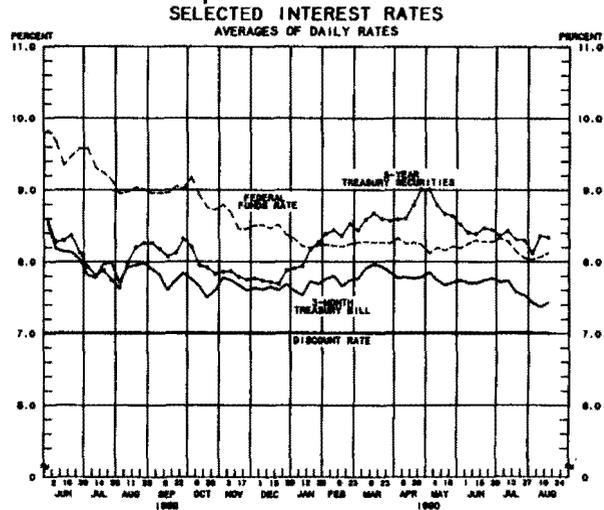
## Selected Yield and Interest Rates



1980	90-DAY CD RATE	90-DAY COMMERCIAL PAPER	90-DAY ACCEPTED ADVANCES	CORPORATE AND BONDS	CORPORATE AND BONDS	MUNICIPAL BONDS
JUNE 1	8.28	8.18	8.01	8.38	10.28	7.20
8	8.22	8.17	7.95	8.27	10.21	7.21
15	8.21	8.18	7.98	8.21	10.19	7.20
22	8.24	8.24	8.03	8.28	10.24	7.28
JULY 28	8.27	8.25	8.04	8.27	10.25	7.27
5	8.24	8.23	7.98	8.23	10.20	7.24
13	8.23	8.23	7.98	8.28	10.23	7.21
27	7.98	8.07	7.82	8.24	10.18	7.17
3	7.94	8.02	7.77	8.20	10.18	7.15
AUG. 10	7.89	7.89	7.82	8.19	10.14	7.08
18	7.87	7.87	7.82	8.20	10.16	7.12
24	7.89	7.88	7.71	8.26	10.33	N.A.

NOTE: CURRENT DATA APPEAR IN THE BOARD OF GOVERNORS' N. 13 RELEASE.  
 \* AVERAGE OF RATES AVAILABLE  
 \*\* BOND BUYER'S AVERAGE TRADES OF 20 MUNICIPAL BONDS, THURSDAY DATA  
 N.A. - NOT AVAILABLE

PREPARED BY FEDERAL RESERVE BANK OF ST. LOUIS



1980	FEDERAL RESERVE RATE	3-MONTH TREASURY BILL RATE	6-MONTH TREASURY BILL RATE	1-YEAR TREASURY BILL RATE	2-YEAR TREASURY SECURITIES	LONG-TERM TREASURY SECURITIES
JUNE 1	8.18	7.74	7.74	7.81	8.52	8.71
8	8.38	7.70	7.62	7.51	8.41	8.58
15	8.30	7.70	7.62	7.58	8.38	8.58
22	8.28	7.74	7.64	7.57	8.47	8.53
JULY 28	8.28	7.77	7.67	7.57	8.45	8.53
5	8.33	7.71	7.60	7.49	8.36	8.58
13	8.38	7.73	7.73	7.53	8.43	8.67
20	8.14	7.37	7.40	7.44	8.31	8.64
27	8.06	7.55	7.40	7.33	8.30	8.53
AUG. 3	8.03	7.43	7.37	7.18	8.17	8.52
10	8.07	7.37	7.37	7.18	8.26	8.51
17	8.15	7.43	7.51	7.17	8.54	8.68

NOTE: CURRENT DATA APPEAR IN THE BOARD OF GOVERNORS' N. 13 RELEASE EXCLUDING LONG-TERM TREASURY SECURITIES WHICH ARE COMPUTED BY THIS BANK. TREASURY BILL FIGURES ARE ON A DISCOUNT BASIS.  
 \*\* BOND BUYER'S AVERAGE TRADES OF 20 MUNICIPAL BONDS, THURSDAY DATA  
 N.A. - NOT AVAILABLE

PREPARED BY FEDERAL RESERVE BANK OF ST. LOUIS

**THE OHIO STATE UNIVERSITY**  
**Portfolio Summary**

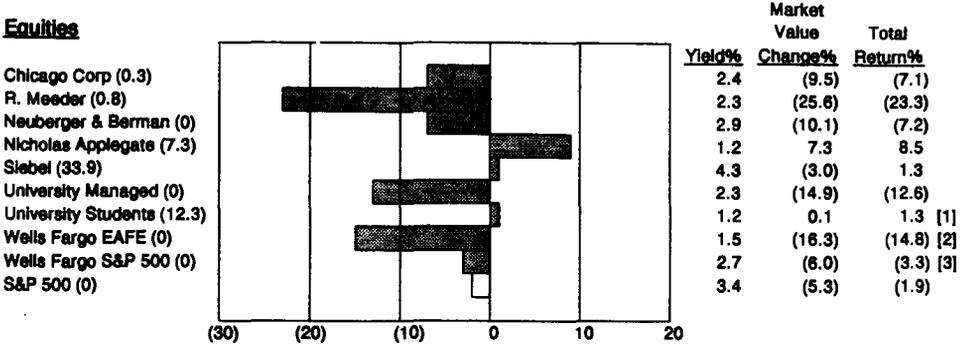
	<u>8/17/90</u>	<u>8/30/90</u>
Unallocated Cash	\$6,070,187	\$3,075,797
<b>Equities:</b>		
Chicago	34,100,662	38,632,387
R. Meeder	10,999,220	13,001,471
Neuberger & Berman	13,120,825	14,170,710
Nicholas Applegate	13,652,398	15,494,958
Siebel	32,923,684	36,744,939
University Managed	27,216,531	33,379,715
University Students	5,006,941	5,622,381
Wells Fargo EAFE	8,369,953	9,088,214
Wells Fargo S&P 500	28,206,677	30,747,343
<b>Total Equities</b>	<u>173,596,891</u>	<u>196,882,118</u>
<b>Fixed Income:</b>		
Boatmen's Trust	21,900,653	23,329,632
Cambridge	889,413	921,596
Duff & Phelps	10,031,990	10,142,463
WR Lazard	9,758,337	9,888,684
STW Fixed Income	22,462,758	23,393,709
University GNMA	10,009,579	10,088,124
University Managed	289,824	289,044
<b>Total Fixed Income</b>	<u>75,342,554</u>	<u>78,053,252</u>
<b>Real Estate</b>	<u>43,866,993</u>	<u>43,869,131</u>
<b>Total Portfolio</b>	<u>\$298,875,625</u>	<u>\$321,880,298</u>

<u>Asset Allocation</u>	<u>8/17/90</u>	<u>% of Portfolio</u>	<u>7/20/90</u>	<u>% of Portfolio</u>	<u>6/15/90</u>	<u>% of Portfolio</u>
Equities	\$160,582,632	53.73	\$182,543,900	57.08	\$183,657,933	57.22
Fixed Income	74,158,170	24.81	76,507,123	23.93	76,790,618	23.92
Real Estate	43,778,500	14.65	43,778,500	13.69	43,875,000	13.67
Cash	20,356,323	6.81	16,954,146	5.30	16,655,573	5.19
<b>Total</b>	<u>\$298,875,625</u>	<u>100.00</u>	<u>\$319,783,669</u>	<u>100.00</u>	<u>\$320,979,124</u>	<u>100.00</u>

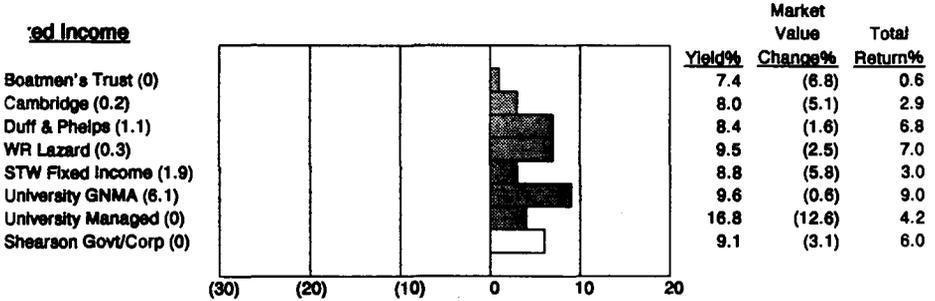
# THE OHIO STATE UNIVERSITY Endowment Performance Summary

## Estimated 12 Month Total Return

### Equities



### Fixed Income



( ) Percent Cash 8/17/90

[1] Reflects return from initial allocation February 20, 1990 only.

[2] Reflects return from initial allocation October 2, 1989 only.

[3] Reflects return from initial allocation October 6, 1989 only.

	Year to Date July 1, 1990 to August 17, 1990	Latest Month July 21, 1990 to August 17, 1990
<u>Change in Total Valuation</u>		
Beginning Market Value	\$321,890,298	\$319,783,669
Principal Additions	2,057,675	1,980,871
Principal Withdrawals	(802,933)	(22,500)
Change in Market Value	(24,259,415)	(22,866,415)
Ending Market Value	<u>\$296,875,625</u>	<u>\$296,875,625</u>

NOTE: Endowment Income from July 1, 1990 through August 31, 1990 totaled approximately \$2,822,000.

**THE OHIO STATE UNIVERSITY**  
**Maturities and**  
**Real Estate Activity**

MATURITIES THAT OCCURRED DURING PERIOD

<u>Par Value</u>	<u>Issue, Coupon, Maturity</u>	<u>Advisor</u>
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No maturities during the period.

REAL ESTATE

Acquisitions & Sales

Description

Cost or  
Appraised Value

No activity during the period.

**THE OHIO STATE UNIVERSITY**  
**Equity Acquisitions**

**Purchases and Gifts During Period**

<u>Number of Shares</u>	<u>Company</u>	<u>Advisor</u>	<u>Price/Share</u>	<u>Investment</u>	<u>Annual Dividend</u>
10,700	A. L. Laboratories, Inc.	Chicago	20.5000	\$220,045.50	\$1,712.00
7,500	Cardinal Distribution, Inc.	Chicago	27.8274	207,205.80	750.00
3,900	Cracker Barrel Old Country Store, Inc.	Chicago	27.7500	108,381.00	195.00
9,600	Crane Co.	Chicago	26.1521	251,684.60	7,200.00
2,400	Dillard Department Stores, Inc.	Chicago	84.0000	201,600.00	480.00
5,700	FMC Corp.	Chicago	37.0000	211,270.50	0.00
18,400	Fedders Corp.	Chicago	12.0484	222,887.35	8,832.00
2,600	Harley-Davidson, Inc.	Chicago	24.1250	62,894.00	0.00
6,800	Marshall & Lislely Corp.	Chicago	30.5000	207,400.00	8,160.00
1,100	Morrison, Inc.	Chicago	25.0000	27,500.00	704.00
14,700	Panasonic Systems, Inc.	Chicago	12.9837	191,816.08	2,940.00
4,900	Pennsylvania Power & Light Co.	Chicago	41.7500	204,893.50	14,602.00
800	U.S. Bancorp	Chicago	24.3750	19,500.00	800.00
11,500	Vishay Intertechnology, Inc.	Chicago	19.0000	218,500.00	0.00
5,000	Blockbuster Entertainment Corp.	Nicholas-Applegate	20.9640	105,120.00	0.00
5,300	Chemical Waste Management, Inc.	Nicholas-Applegate	22.3645	118,850.00	848.00
6,900	ConAgra, Inc.	Nicholas-Applegate	34.0185	235,127.70	4,140.00
7,500	MBIA, Inc.	Nicholas-Applegate	40.2500	302,325.00	3,000.00
5,000	Maxus Energy Corp.	Nicholas-Applegate	11.0000	55,300.00	0.00
3,000	Medco Containment Services, Inc.	Nicholas-Applegate	23.4178	70,253.40	120.00
3,800	Medtronics, Inc.	Nicholas-Applegate	79.5204	302,405.52	3,116.00
2,000	Microsoft Corp.	Nicholas-Applegate	65.3430	130,686.00	0.00
4,500	Mitchell Energy & Development Corp.	Nicholas-Applegate	18.3750	82,957.50	1,440.00
7,000	Morton International, Inc.	Nicholas-Applegate	44.3062	310,563.40	6,160.00
4,200	Novell, Inc.	Nicholas-Applegate	48.4565	203,521.48	0.00
1,700	Rhone-Poulenc Rorer, Inc.	Nicholas-Applegate	70.2537	119,533.25	1,426.00
14,600	Air & Water Technology, Inc.	Siebel	23.2500	340,472.00	0.00
3,100	Disney (Walt) Co.	Siebel	106.1660	329,300.60	1,798.00

Continued next page

**THE OHIO STATE UNIVERSITY**  
**Equity Acquisitions**

Purchases and Gifts During Period (continued)

<u>Number of Shares</u>	<u>Company</u>	<u>Advisor</u>	<u>Price/Share</u>	<u>Investment</u>	<u>Annual Dividend</u>
6,500	Environmental Elements, Inc.	Siebel	17.7500	\$115,375.00	\$0.00
4,000	Geraghty & Miller, Inc.	Siebel	13.3855	53,542.00	0.00
10,000	Tandem Computers, Inc.	Siebel	17.1738	172,438.00	0.00
45	Fifth Third Bancorp*	University Managed	32.7500	1,473.75	43.20
1,056	PPG Industries, Inc. *	University Managed	49.3750	52,140.00	1,774.08
25,000	California Microwave, Inc.	University Students	8.6400	218,500.00	0.00
3,000	Merck & Company, Inc.	University Students	83.2500	250,050.00	6,720.00
5,000	Philip Morris Companies, Inc.	University Students	45.2500	226,750.00	6,875.00
				<u>\$6,152,262.93</u>	<u>\$83,837.28</u>

\* Gift

**THE OHIO STATE UNIVERSITY**  
**Equity Sales**

**Sales Made During Period**

<u>Number of Shares</u>	<u>Company</u>	<u>Advisor</u>	<u>Price/Share</u>	<u>Total Sale</u>	<u>Gain (Loss)</u>
2,100	Alexander and Baldwin, Inc.	Chicago	27.5000	\$57,750.00	(\$8,925.00)
3,800	American Home Products Corp.	Chicago	46.6065	176,851.79	57,406.56
2,375	American International Group, Inc.	Chicago	70.3260	166,864.31	(14,234.19)
3,100	Becton Dickinson & Co.	Chicago	70.8820	218,905.39	33,109.99
3,000	Cincinnati Bell, Inc.	Chicago	21.0000	62,802.90	16,448.10
4,900	CoreStates Financial Corp.	Chicago	37.8250	184,362.50	(7,100.00)
1,400	Disney (Walt) Co.	Chicago	116.7640	163,373.15	4,369.55
4,500	Donnelley (RR) & Sons Co.	Chicago	44.0000	197,700.90	25,927.90
4,300	Fleet/Norstar Financial Group, Inc.	Chicago	16.6820	71,450.70	(34,037.04)
4,400	Gannett Co., Inc.	Chicago	35.0460	153,911.25	(12,817.95)
2,000	Glatfelter (P.H.) Co.	Chicago	40.5000	80,867.30	(3,513.63)
3,800	Lincoln National Corp.	Chicago	48.8750	185,471.80	(14,325.20)
2,200	Loews Corp.	Chicago	97.5710	214,506.04	87,896.49
5,200	McKesson Corp.	Chicago	32.3999	168,135.88	7,897.86
3,700	Sonoco Products Co.	Chicago	28.5000	105,450.00	(9,294.05)
6,900	Textron, Inc.	Chicago	23.2500	159,971.15	(30,572.35)
6,200	Weyerhaeuser Co.	Chicago	23.5160	145,391.34	(7,611.64)
14,000	American Greetings Corp.	Nicholas-Applegate	29.8125	417,375.00	128,950.00
5,500	Boeing Co.	Nicholas-Applegate	55.4588	304,683.01	89,906.91
16,200	Cetus Corp.	Nicholas-Applegate	13.6200	220,644.40	(95,554.40)
4,800	Circus Circus, Inc.	Nicholas-Applegate	51.1222	245,090.22	(62,388.48)
4,300	Federal National Mortgage Assn.	Nicholas-Applegate	31.5561	135,428.57	(34,979.46)
1,200	Halliburton Co.	Nicholas-Applegate	57.5250	68,955.69	16,043.13
8,100	Lowe's Companies, Inc.	Nicholas-Applegate	30.6742	249,586.33	(27,877.77)
13,000	Mylan Labs, Inc.	Nicholas-Applegate	19.6479	254,833.67	(25,751.43)
6,000	Student Loan Marketing Assn.	Nicholas-Applegate	43.2289	259,004.83	38,931.43
8,100	Sun Microsystems, Inc.	Nicholas-Applegate	29.1963	236,490.00	70,108.26
6,100	Toys-R-Us, Inc.	Nicholas-Applegate	27.8955	169,790.62	66,023.77

Continued next page

**THE OHIO STATE UNIVERSITY**  
**Equity Sales**

**Sales Made During Period (continued)**

<u>Number of Shares</u>	<u>Company</u>	<u>Advisor</u>	<u>Price/Share</u>	<u>Total Sale</u>	<u>Gain (Loss)</u>
10,000	Computer Associates International, Inc.	Siebel	9.0650	\$90,046.97	(\$62,652.89)
100	Schering Plough Corp.*	University Managed	49.3000	4,930.00	367.33
10,000	Fabri-Centers of America, Inc.	University Students	19.8902	197,895.03	(11,854.97)
20,000	International Technology Corp.	University Students	9.2740	184,273.81	19,873.81
18,000	Limited, Inc.	University Students	18.5625	296,030.10	(29,144.90)
				<u>\$5,848,624.83</u>	<u>\$170,625.74</u>

\*Gift

**THE OHIO STATE UNIVERSITY**  
**Fixed Income Acquisitions**

Purchases and Gifts During Period

<u>Par Value</u>	<u>Issue, Coupon, Maturity</u>	<u>Advisor</u>	<u>Current Yield</u>	<u>Yield to Maturity</u>	<u>Price</u>	<u>Investment</u>
450,000	U.S. Treasury Note 8.375% 06-30-92	Cambridge	8.3062	7.8897	100.8281	\$453,726.56
1,400,000	NCNB Corp. 10.200% 07-15-15	STW	10.2286	10.2306	99.7200	<u>1,396,080.00</u>
						<u><u>\$1,849,806.56</u></u>

**THE OHIO STATE UNIVERSITY**  
**Fixed Income Sales**

Sales Made During Period

<u>Par Value</u>	<u>Issue, Coupon, Maturity</u>	<u>Advisor</u>	<u>Price</u>	<u>Total Sale</u>	<u>Gain (Loss)</u>
35,000	U.S. Treasury Bond 8.875% 08-15-17	Boatmen's	104.5000	\$36,575.00	\$2,353.13
450,000	U.S. Treasury Bond 8.500% 02-15-20	Cambridge	96.2813	433,265.63	(19,687.50)
1,000,000	NCNB Corp. 9.375% 09-15-09	STW	93.4920	934,920.00	5,310.00
500,000	U.S. Treasury Bond 9.250% 02-15-16	STW	105.6719	528,359.38	(22,140.89)
				<u>\$1,933,120.01</u>	<u>(\$34,165.26)</u>

**THE OHIO STATE UNIVERSITY**  
Real Estate Investments

	<u>Yield</u>	<u>Year</u> <u>Acquired</u>	<u>Carrying</u> <u>Value</u>	<u>Appraised</u> <u>Value</u>	<u>Date</u> <u>Appraised</u>
Busch Boulevard Centre	9.36%	1990	\$4,275,000	\$4,275,000	10/89
46.984 acres of land in Delaware County	0.55%	1971	100,793	641,000	06/89
Hangar at Don Scott Field (Loan)	0.00%	1973	22,666 (1)	22,666	N/A
Hangar addition at Don Scott Field (Loan)	10.00%	1978	64,827 (1)	64,827	N/A
17.92 acres of land on Eiterman Road	0.00%	1978	25,152	725,000	05/88
51 acres of land, 2809 West Granville Road	0.00%	1962	160,285	2,896,000	06/89
46.52 acres of land, 3025 West Granville Road	0.00%	1972	544,398	4,367,000	06/89
76.143 acres of land, 3253 West Granville Road	0.03%	1968	310,538	6,853,000	06/89
30.539 acres of land, 3371 West Granville Road	0.00%	1971	265,079	2,749,000	06/89
32 acres of land, 3371 West Granville Road	0.19%	1966	2,078,666	2,880,000	06/89
12 acres of land, 3483 West Granville Road	0.00%	1965	24,000	1,080,000	06/89
6.557 acres of land, 3505 West Granville Road	0.00%	1968	17,114	770,000	06/89
Undivided one-half interest in building and .65 acres at 1375 South Hamilton Road	2.94%	1966	95,000	95,000	01/86
94.5 acres of land on Harrisburg Pike	0.00%	1966	190,000	283,000	06/89
Building and 2.633 acres at 1900 Kenny Road	21.84%	1961	659,930	1,250,000	06/89
Building and 6.41 acres at 1960 Kenny Road	17.36%	1971	1,320,693	2,500,000	06/89
Building and 6.328 acres at 1991 Kenny Road	8.81%	1968	170,000	696,000	06/89
Building and 3.295 acres at 930 Kinnear Road	7.97%	1962	435,204	1,550,000	06/89
Building and 5.56 acres at 1100 Kinnear Road	3.74%	1984	825,000	2,650,000	06/89
20.988 acres of land on Shier-Rings Road	0.00%	1978	241,848	1,155,000	08/89
Veterans Administration Clinic	8.08%	1979	3,767,261	6,363,500	06/90
			<u>\$15,593,434</u>	<u>\$43,865,993</u>	

(1) Amount represents balance on loan made to Department of Aviation

**THE OHIO STATE UNIVERSITY**  
**Cash and Investments**  
**June 30, 1990**

	<i>Cash and Investments (at Market)</i>	<i>Total Return for the Year Ended 6-30-90</i>
<i>University Endowment Fund</i>	\$321,880,298	10.3%
<i>Ohio State University Foundation</i>	17,483,596	10.3%
<i>Operating Funds</i>	218,654,627	8.1%
<i>Debt Service and Debt Construction Funds</i>	51,607,780	7.5%
<i>OSU Research Foundation</i>	18,074,584	8.3%
<i>Trust Funds</i>	19,057,455	7.5%
<i>Student Loan Funds</i>	5,862,175	8.2%
<i>Hospital Self Insurance Fund</i>	<u>14,803,147</u>	9.0%
<b><i>Total All Accounts</i></b>	<b><u>\$667,423,661</u></b>	

*Office of the Treasurer*  
*The Ohio State University*



Office of the Treasurer

Riverwatch Tower - Suite B  
364 West Lane Avenue  
Columbus, OH 43201-1002  
Phone 614-292-6261

MEMORANDUM

Subject: Proxy Solicitations  
Date: August 31, 1990  
From: James L. Nichols, Treasurer *James L. Nichols*  
To: Board of Trustees, The Ohio State University

During July and August 1990, the University voted twenty-seven proxies.

Management proposals were as follows:

- 1) Election of the Board of Directors;
- 2) Amendment to increase the number of authorized Class A common shares;
- 3) Ratification of the independent auditors;
- 4) Ratification of a merger;
- 5) Approval of an amendment to the Employee Stock Option Plan to increase common shares;
- 6) Allow for the surrender of certain stock options in excess of fair market value over the option exercise price and to extend the Stock Option Plan;
- 7) Adoption of the 1990 Stock Option Plan;
- 8) Approve an amendment to increase the number of shares of common stock;
- 9) Approve amendments to the Incentive Stock Option Plan;
- 10) Ratification of amendments to a Stock Option Plan for seasonal employees, extension of the plan, and change the definition of a seasonal employee;
- 11) Adoption of a Stock Option Plan for key employees;
- 12) Approval of an extension to the Long-Term Incentive Plan;
- 13) Approve an amendment to the 1983 Stock Incentive Plan increasing the number of shares of Common Stock;
- 14) Approval to grant options to Non-Employee directors;
- 15) Adoption of 1990 Employees Stock Purchase Plan;
- 16) Approval of an amendment to change the corporate name;
- 17) Approval to adopt the reorganization plan, the merger plan and any related transactions;
- 18) Approve an amendment to a 1987 Stock Option Plan to increase the number of shares of Common Stock;
- 19) Approval of a new class of preferred stock;
- 20) Adoption of 1990 Employee Incentive Plan;

The shareholder proposals were as follows:

- 1) Amendment requiring shareholder voting to be kept confidential and tabulation conducted by a third party;
- 2) Require officers and directors reimburse the Company for all fees and expenses in connection with the proposed buyout;

The University voted for all Management proposals and against the shareholder proposals. Additionally, Management opposed the shareholder proposals.

The twenty-seven corporations were:

- 1) American Software, Incorporated
- 2) Avery International Corporation
- 3) Biomet, Incorporated
- 4) Bob Evans Farms, Incorporated
- 5) Centex Corporation
- 6) Computer Associates International, Incorporated
- 7) Computer Sciences Corporation
- 8) Crawford and Company
- 9) Fleetwood Enterprises, Incorporated
- 10) Gerber Scientific, Incorporated
- 11) H and R Block, Incorporated
- 12) H.J. Heinz Company
- 13) Handleman Company
- 14) International Technology Corporation
- 15) Loral Corporation
- 16) Manor Care Incorporated
- 17) Medtronic Incorporated
- 18) National Intergroup, Incorporated
- 19) NCH Corporation
- 20) Philips Industries Incorporated
- 21) Skyline Corporation
- 22) The J.M. Smucker Company
- 23) Wetterau Incorporated
- 24) Wheelabrator Technologies Incorporated
- 25) Worthington Industries
- 26) Zurn Industries, Incorporated
- 27) 3333 Holding Corporation

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**APPENDIX XII**

**THE OHIO STATE UNIVERSITY CAMPAIGN SUMMARY REPORT**

**Presented to the Investments Committee and  
Adopted by the Board of Trustees September 7, 1990  
(See page 199)**

CAMPAIGN SUMMARY REPORT  
 THROUGH JUNE 30, 1990  
 (IN MILLIONS)

	<u>CAMPAIGN TOTALS*</u>	<u>CAMPAIGN GOAL</u>	<u>% ACHIEVED</u>
ALUMNI	\$135.9	\$122.5	111
FRIENDS	93.3	70.0	133
**CORPORATIONS	191.6	122.5	156
FOUNDATIONS	39.3	35.0	112
TOTALS	460.1	350.0	131

\* INCLUDES RECEIPTS AND EXPECTANCIES (DEFINED AS PLEDGES AND DEFERRED COMMITMENTS LESS PAYMENTS ALREADY RECEIVED)

\*\* CORPORATIONS, BUSINESSES, ASSOCIATIONS AND PRIVATE AGENCIES

CAMPAIGN PROGRESS REPORT  
Through June 30, 1990

<u>Gift Support Category</u>	<u>Expectancies</u>	<u>Receipts</u>	<u>Total</u>
Academic Divisions (Colleges/Depts.)	\$18,527,350	\$43,560,689	\$62,088,039
Faculty Support	20,560,935	12,447,948	33,008,883
Research	7,803,656	128,544,511	136,348,167
Student Financial Aid	29,144,143	29,454,072	58,598,215
Buildings/Equipment	30,382,932	35,964,012	66,346,944
Unrestricted to University	5,648,052	6,679,244	12,327,296
Other	<u>25,991,270</u>	<u>65,464,879</u>	<u>91,456,149</u>
Totals	\$138,058,338	\$322,115,355	\$460,173,693

\* \* \* FINAL REPORT \* \* \*

Campaign Progress Report  
By Gift Support Category

DEFINITIONS

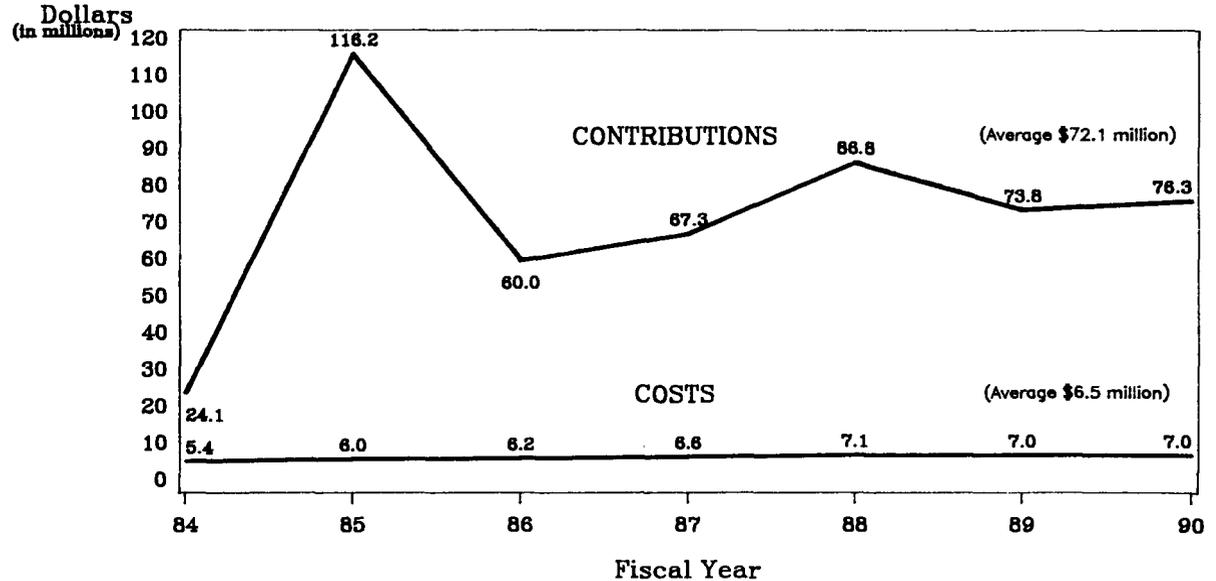
Expectancies:	Expectancies are cash, gift-in-kind and deferred commitments from donors less payments already received (re: outstanding balances of pledges and deferred agreements.
Receipts:	Cash, gifts-in-kind, securities and irrevocable trusts received during the period May 1, 1985 - June 30, 1990. Also includes OSP awards from industry and selected private agencies.
Academic Divisions:	Gifts to colleges and departments for items other than faculty compensation, research, student financial aids or buildings and equipment. Examples include discretionary accounts and hundreds of restricted accounts for college and departmental use such as library support, friends' funds to various areas (Friends of Orton Hall, etc.), alumni funds, general support for operations within the department, etc.
Faculty Support:	Gifts for faculty compensation and direct support (chairs, professorships, etc.)
Research:	Gifts to research projects including OSP awards from industry and selected private agencies
Student Programs:	Gifts to scholarship, fellowship and student program support accounts
Buildings/Equipment:	Gifts for buildings (e.g. Wexner Center, Law School, Athletics Complex, etc.), gifts-in-kind (computer equipment, livestock, etc.) and operation and maintenance of the physical plant
Unrestricted to University:	Gifts with no restrictions as to how the University is to use the money
Other:	Gift commitments to the Campaign for which a designation has yet to be determined. Also, gifts to accounts which cannot be classified elsewhere such as Friends of WOSU, Friends of Ohio Union, Schooler-Reese Lecture, Athletics, Hospitals, etc.

The Ohio State University Campaign  
Campaign Progress  
@ June 30, 1990

Expectancies for Campaign Priorities	\$ 65,354,048
Receipts for Campaign Priorities	<u>82,247,044</u>
Total Toward Priorities	\$ 147,601,092 (42% of goal)
Expectancies for Non-Campaign Priorities	\$ 72,704,290
Receipts to Discretionary Funds	19,338,423
Other Projects	<u>220,529,888</u>
Total Dollars	\$ 460,173,693 (131% of goal)

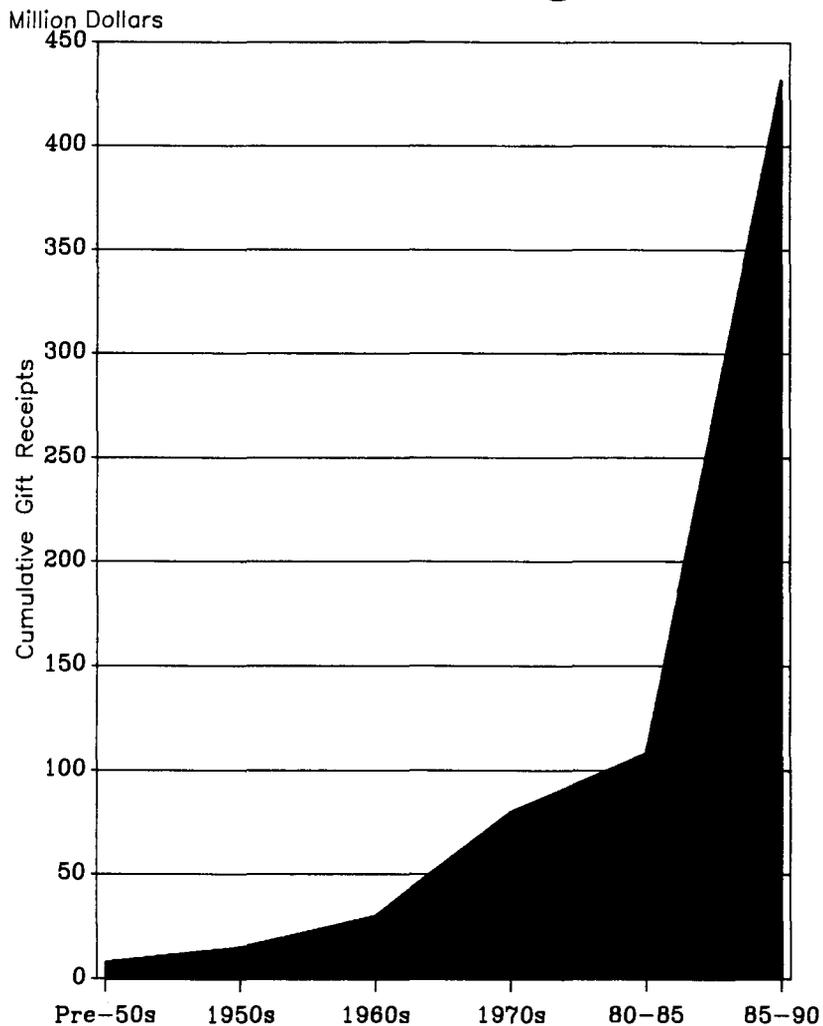
\* \* \* FINAL REPORT \* \* \*

The Ohio State University Campaign  
 \* Cost vs Contributions  
 (Actual)  
 1984 - 1990



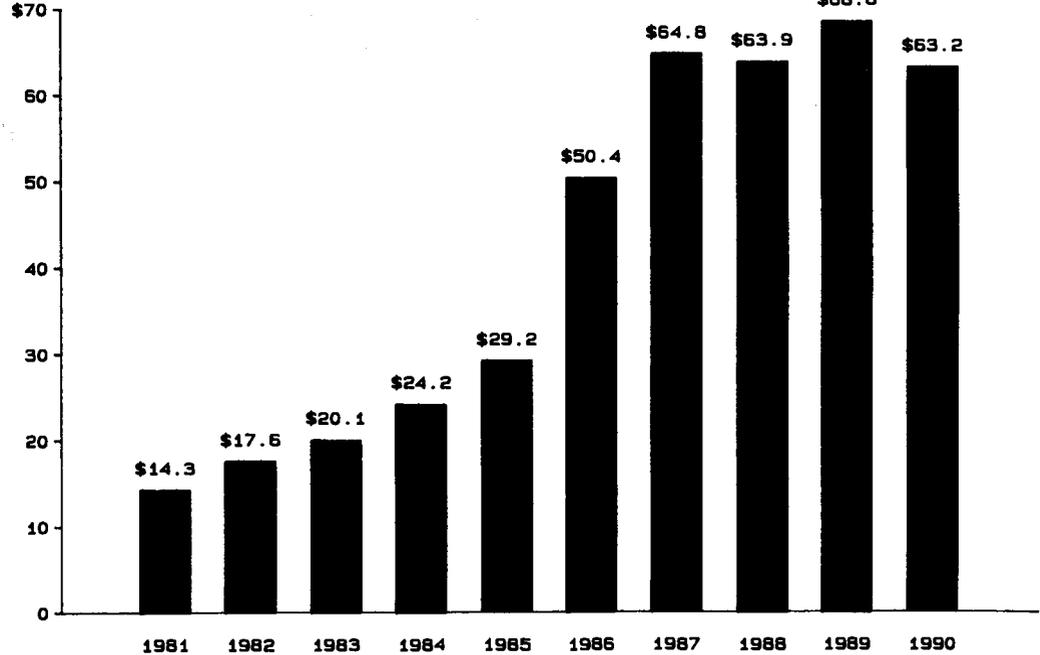
\*University Development costs only. (Other departmental expenditures and allocated costs add another \$1.5 million per year.)

# Historical Overview Ohio State University Fund Raising

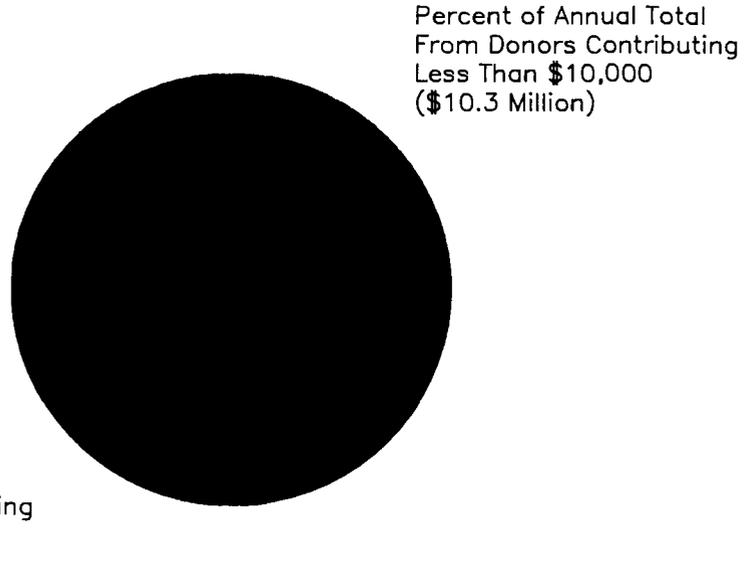


# Total Gift Receipts FY 1981-90

Million Dollars

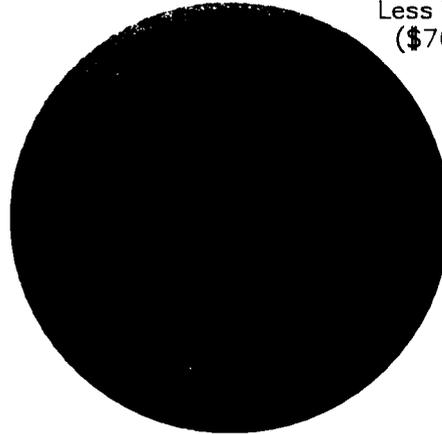


# The Ohio State University Campaign Impact of Major Gifts in 1983-84



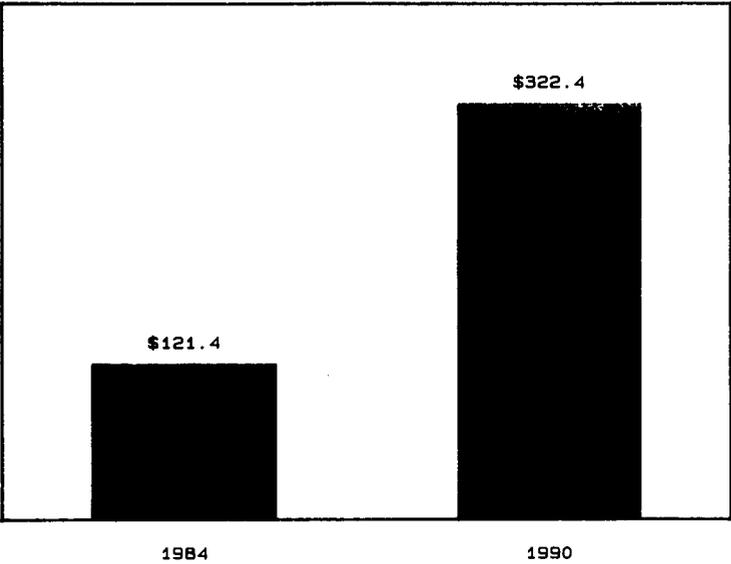
# The Ohio State University Campaign Impact of Major Gifts on Campaign

Percent of Campaign Total  
From Donors Contributing  
Less Than \$10,000  
(\$76.6 Million)



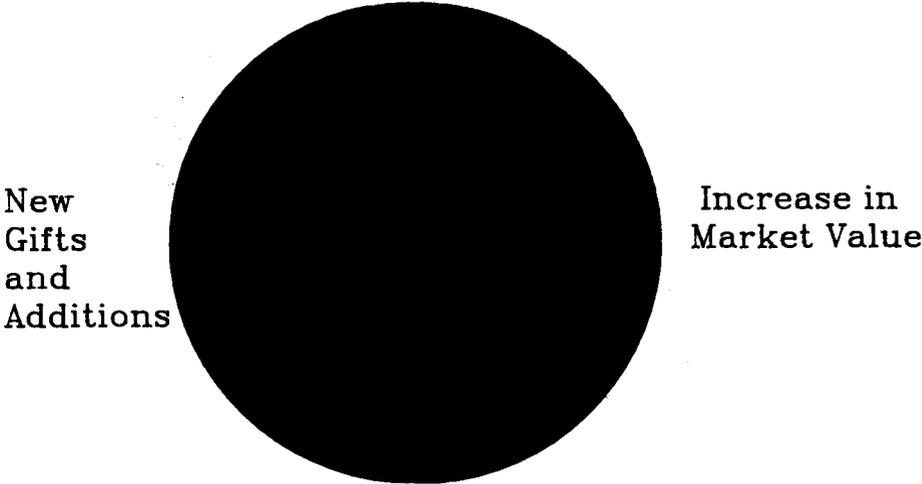
Percent of Campaign Total  
From Donors Contributing  
\$10,000 or More  
(\$386.6 Million)

Growth of Endowment  
1984 - 1990  
(millions)



————— \$201 million —————>  
increase

# Campaign Impact on Endowment Growth Since 1984



\$201 million increase  
from 1984 to 1990

The Ohio State University Campaign  
 Progress Toward Goals  
 by Constituent/Program Unit  
 @ June 30, 1990

Constituent Program/Unit	*Expectancies for Campaign Priorities	Receipts for Campaign Priorities	Total Toward Priorities	*Expectancies for Non-Campaign Priorities	Receipts to Disc. Funds	Other Annual Receipts	Total Dollars	Dollar Goal	% of Goal Achieved Toward Priorities	% of Dollar Goal Achieved
Academic Affairs	\$7,151,832	\$6,544,485	\$13,696,317	\$12,786,825	\$1,088,812	\$15,774,301	\$43,346,255	\$52,850,000	26	82
Agriculture	345,987	1,833,226	2,180,213	9,965,531	802,484	21,131,025	34,079,253	18,000,000	13	190
Arts	18,838,696	7,077,907	25,916,603	2,471,250	219,965	3,490,308	32,098,206	45,337,000	58	71
Athletics	4,285,497	4,657,626	8,943,123	15,582,266	409,161	18,849,935	43,784,485	45,000,000	20	98
Biological Sci.	584,700	288,646	873,346	1,000	242,341	4,944,943	6,061,630	14,250,000	7	43
Business	2,001,540	2,105,911	4,107,451	3,665,159	2,054,772	7,683,412	17,510,794	16,025,000	26	110
Dentistry	1,974,646	193,368	2,168,014	145,164	517,471	3,514,687	6,345,336	4,170,000	52	153
Education	403,565	133,836	537,401	1,483,123	917,547	7,770,556	10,708,627	5,150,000	11	208
Engineering	4,910,200	33,991,061	38,901,261	1,583,831	4,364,779	22,358,704	62,843,796	30,000,000	130	210
Human Ecology	1,203,283	299,786	1,503,069	834,700	294,230	4,364,779	6,996,778	2,500,000	61	280
Humanities	281,016	291,985	573,001	1,945,169	707,184	2,182,102	5,407,456	13,000,000	5	42
Law	6,915,180	6,478,230	13,393,410	283,669	443,760	14,120,839	10,500,000	128	135	
Libraries	6,375	73,275	79,650	658,000	395,296	1,059,544	2,192,490	8,500,000	1	26
Math & Phys. Sci.	275,000	783,393	1,058,393	705,750	351,210	7,817,950	9,933,303	13,750,000	8	73
Medical Center	9,822,436	11,992,579	21,815,015	8,314,289	2,253,294	66,292,143	98,674,741	43,500,000	51	227
Nursing	103,540	16,075	119,615	73,900	334,388	384,711	912,614	3,000,000	4	31
Optometry	461,425	109,502	570,927	150,000	112,292	957,856	1,791,075	1,750,000	13	103
Pharmacy		1,224,391	1,224,391	720,400	750,800	2,701,723	5,397,314	4,550,000	27	119
Soc. & Behav. Sci.	1,081,813	1,270,961	2,352,774	167,960	2,281,444	4,802,178	8,145,000	14	59	
Social Work	36,622	161,072	197,694	100,000	141,041	419,535	1,750,000	12	26	
Veterinary Med	4,544,695	2,594,649	7,139,344	657,300	541,343	5,771,589	14,109,576	5,850,000	122	247
WOSU	125,000	125,000	250,000	4,750	2,201,095	7,091,094	10,347,539	2,400,000	11	450
Other Areas				2,775,406	235,634	12,720,881	15,731,921			
Undetermined Des.				7,628,848			7,628,848			
Unrestr. (A & A Fnd)					4,909,104		4,909,104			
<b>TOTALS</b>	<b>\$65,354,048</b>	<b>\$82,247,044</b>	<b>\$147,601,092</b>	<b>\$72,704,290</b>	<b>\$19,338,423</b>	<b>\$220,529,888</b>	<b>\$460,173,693</b>	<b>\$349,877,000</b>	<b>42</b>	<b>131</b>

\*Defined as pledges and deferred commitments less payments already received.

The Ohio State University Campaign  
Progress Toward Goals  
By Constituent/Program Unit

DEFINITIONS

1. Constituent Program Unit: The college, department or constituent area for which a set of Campaign priorities were identified.
2. Expectancies for Campaign Priorities: Pledge and deferred gift commitments made toward identified Campaign priorities less payments already received (re: Outstanding balances on pledges and deferred agreements)
3. Receipts for Campaign Priorities: Cash, securities, gifts-in-kind and irrevocable trusts received since the beginning of the Campaign for identified Campaign priorities
4. Total Toward Priorities: Sum of items 2 and 3 above
5. Expectancies for Non-Campaign Priorities: Pledge and deferred gift commitments made during the Campaign (but not designated for identified Campaign priorities) less payments already received
6. Receipts to Discretionary Funds: Gift receipts to college discretionary accounts plus the University unrestricted account
7. Other Annual Receipts: Cash, securities, gifts-in-kind and irrevocable trusts received since the beginning of the Campaign which were not designated for an identified Campaign priority or for college or University discretionary use. (e.g. Numerous research funds in the sciences and medicine, academic and faculty support funds not identified as priorities, funds such as Athletics' grant-in-aid, etc.). Also includes OSP awards from industry and selected private agencies.
8. Total Dollars: Sum of items 4, 5, 6 and 7 above
9. Dollar Goal: Dollar Goal of the identified Campaign priorities within each constituent or program unit
10. % of Goal Achieved Toward Priorities: Item 4 divided by item 9 above
- 11: % of Dollar Goal Achieved: Item 8 divided by item 9 above

**APPENDIX XIII**

**REPORT: THE 1990 FARM SCIENCE REVIEW**

**Presented to the Agricultural Affairs Committee**

**September 7, 1990**

**(See page 225)**

Agricultural Affairs Committee

Board of Trustees

September 7, 1990

Report: The 1990 Farm Science Review

The 28th Edition of the Ohio State Farm Science Review is on course to become a record setting event. As of our close of business on 9/6/90 a total of 523 commercial exhibitors, representing some 2600 agricultural organizations, were under contract to participate. These exhibitors have leased approximately 225,000 sq. ft. above and beyond that leased in the peak year of 1983. Over 96% of the 83 acre exhibit area is under contract as of this date.

In addition, a record number of advance sale tickets have been consigned to over 250 outlets across Ohio and her neighboring states. As of this date, advance sale consignments are running at 116% of the 1989 record pace. Should the tradition of ticket demand and gate sales be followed, it is very possible that the 1990 Review could host some 135,000 persons. The previous all-time record for attendance was set in 1989 with 125,733 persons in attendance.

The Review is also pleased that special guests and programs will be hosted during the 1990 Review. The Vice President's Recognition Luncheon on Tuesday, September 18, will bring some 400 distinguished guests to the Molly Caren Agricultural Center. Included in that number will be the family of Dr. James D. Utzinger, in whose memory the 1990 Review is dedicated, and the first five inductees into the Farm Science Review Hall of Fame. President E. Gordon Gee will attend his first Farm Science Review and will be part of the scheduled activities. On Wednesday, September 19, the United States Secretary of Agriculture, the Honorable Clayton Yutterm, has scheduled a visit to the exposition. His visit, the first by a U.S. Secretary of Agriculture, will include a presentation to the public.

The 1990 "Showcase of Ohio Agriculture" is truly shaping up to be the best ever. The welcome mat is in place for the members of the Board of Trustees to enjoy clear skies and pleasant temperatures during their visit to the 1990 Farm Science Review on September 18, 19 and 20.

**APPENDIX XIV**

**THE AFRICANIZED HONEY BEE AND THE OHIO STATE UNIVERSITY**

**Presented to the Agricultural Affairs Committee  
September 7, 1990  
(See page 225)**

# THE AFRICANIZED HONEY BEE AND THE OHIO STATE UNIVERSITY

*A Cooperative Extension Service USDA Project*

## AFRICANIZED HONEY BEES

In 1956, researchers in Brazil attempted to develop a more productive honey bee than the honey bee that had been imported from Europe. Honey bee queens from Africa, whose offspring were presumably better suited for Brazilian conditions, were imported and established in test colonies in Sao Paulo, Brazil. African bee swarms escaped into the Brazilian countryside where their queens interbred with the more docile resident European honey bees.

The offspring of these "mismatings" defended their nests more vigorously than European bees and swarmed more often, and therefore, were better suited for survival in the tropics. Researchers named this hybrid the Africanized honey bee. However, as a result of widely publicized stinging incidences, the name "Killer Bee" was used by the movie industry and the media to describe the Africanized honey bee.

Unlike the docile European honey bees common in the United States, the Africanized honey bee defends its hive quickly and will pursue intruders greater distances than European honey bees. The venom from one Africanized honey bee sting is no more potent than the venom of a single European honey bee sting. Most stinging incidences have involved animals, but on rare occasions humans have also been attacked. Stinging attacks occur only after someone or an animal has threatened the Africanized honey bee nest or has entered their territory.

In some cases, the noise or vibration of tractors or motorboats have provoked a stinging incidence. However, chance encounters with individual Africanized honey bees on blossoms pose no greater threat than an encounter with European honey bees on blossoms. Even though mass stinging attacks are terrifying and could be life threatening, they are not common. Common sense is the best defense for avoiding stings from all stinging insects - not just honey bees.

In spite of its reputation, the Africanized honey bee is actually smaller than the European honey bee. For conclusive identification, specialized identification techniques must be used to distinguish the Africanized honey bee from the European honey bee already in the United States.

Occasional swarms on board ships coming from South and Central America have been intercepted and are a concern, but are not major threats to the U.S. public or to the U.S. beekeeping industry. By natural spread, sustained Africanized honey bees from Mexico are expected to arrive in Texas sometime during 1991 - 1992. This permanent invasion has caused concern for both the public and the United States' beekeeping industry.

States having obvious cold months may not have to contend with Africanized honey bees initially; however, in the future even honey bees in northern states may show some of the Africanized honey bee traits.

## THE OHIO STATE UNIVERSITY AND THE EXTENSION SERVICE, USDA, COOPERATIVE PROGRAM

Though many scientists have studied the Africanized honey bee (AHB) for many years, The Ohio State University has always either directly or indirectly had a major role in studying the Africanized

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honey bee. In 1972, Dr. Walter Rothenbuhler, Professor Emeritus, the Departments of Entomology and Zoology, was in the first scientific group to go to Brazil to evaluate early reports of a new defensive strain of honey bees that had been released into the jungles. Of Dr. Rothenbuhler's many students involved with the AHB, three are now directors of USDA Agricultural Research Laboratories across the United States. More recently, Dr. Robert Page, currently an Africanized honey bee researcher at The University of California, conducted behavioral research on the infamous bee while at OSU. Now, Dr. Brian Smith, also an insect behaviorist, is initiating AHB studies at the new OSU Rothenbuhler Honey Bee Laboratory.

Since September 1988, in a position unique to The Ohio State University, Dr. James E. Tew, of the Ohio Cooperative Extension Service and the Agricultural Technical Institute, has been serving as the National Program Leader, Extension Service, USDA, Washington, D.C. Tew is also the OCES State Beekeeping Specialist and is responsible for beekeeping education programs at ATI.

In his USDA responsibilities, Dr. Tew serves as a liaison between individual state cooperative extension services and the Extension Service, USDA. A monthly newsletter, "Apicultural Awareness," is sent to 600 state and federal educators, researchers, and regulatory workers. Additionally, he has published two general fact sheets that have been distributed nationally (including both Houses of the United States Congress) by the USDA Office of Information. Currently, Dr. Tew and Dr. Anita Collins, Director, ARS Honey Bee Laboratory, Weslaco, Texas, are co-authoring a USDA sponsored beekeeper's manual that addresses current AHB concerns. Several training workshops have been offered by Dr. Tew for state and federal workers in Ohio and other states. Tew and the Extension Service, USDA, has had strong support from the U.S. beekeeping industry. He is the AHB advisor for the National Honey Board.

Dr. Tew represents the Extension Service on the USDA's Interagency Technical Working Group on the Africanized Honey Bee. The Working Group meets every three months to review various AHB issues and to coordinate activities among the various USDA agencies involved in research, education, and regulation of the AHB. The TWG developed a Model Africanized Honey Bee Action Plan for states to emulate if/when the AHB arrives. Recently, the group developed the USDA Africanized Honey Bee National Policy that was presented to Secretary of Agriculture Clayton Yeutter for his use and review. Even though his relationship is with ES USDA, Dr. Tew acts for all USDA and its agencies through the direction of the TWG. Because of his Extension responsibilities, Dr. Tew guides the TWG on education and information matters, and he is part of the early warning mechanism instituted by USDA that will be put into action upon the arrival of AHB in the United States.

In addition to frequently speaking with the press, Dr. Tew has travelled extensively, both nationally and internationally, addressing AHB policy concerns and distributing current AHB information. Of particular use in the various educational programs has been The Ohio State University's extensive holdings of TV quality original AHB footage. Funding was supplied by the OCES and ATI. The taping, done in Venezuela and Mexico, has resulted in two satellite presentations from Kottman Hall and one broadcast from WOSU.

The United States beekeeping industry, though beleaguered by Africanized honey bees and predaceous mites, is still the best developed in the world. The industry has an estimated 300,000 beekeepers who manage 4 million colonies. The value of honey bee pollinated fruits and vegetables is approximately \$10 billion. The State of Ohio has nearly 9,000 beekeepers, making it one of the largest beekeeper states in the United States. The unique Ohio State University - Extension Service USDA Cooperative Program is one of many components required to build and maintain The Ohio State University as a national center for beekeeping excellence and leadership. The Ohio State University can take pride in its highly visible and reputable beekeeping programs.

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**APPENDIX XV**

**LAZENBY HALL - THIRD FLOOR ADDITION  
GOSS LABORATORY RENOVATION - RETROVIRUS CONTAINMENT  
164 WEST 19TH AVENUE BUILDING - ELEVATOR  
OARDC - FISHER AUDITORIUM ROOF  
OARDC - PHYSICAL PLANT BUILDING ROOF**

**Adopted by the Board of Trustees, September 7, 1990  
(See page 278)**

**Employment of Architects/Engineers and  
Request for Construction Bids**

**Projects Funded by Substitute House Bill 808**

Background

Substitute House Bill 808, enacted by the 118th General Assembly, made capital appropriations for projects at The Ohio State University's Columbus and Regional Campuses for the 1990-1992 biennium. The University desires to move forward with the following five projects authorized by House Bill 808:

Basic Renovation Projects - Columbus Campus

Lazenby Hall - Third Floor Renovation

This project will partially renovate the third floor of Lazenby Hall to provide additional staff offices and research space for the Department of Psychology. Renovation will include interior partitions and installation of HVAC, plumbing, lighting and electrical systems.

Estimated Construction Cost: \$ 410,000.00

Estimated Project Cost: \$ 500,000.00

Goss Laboratory Renovation - Retrovirus Containment

This project will renovate approximately 3,800 square feet in Goss Lab for a containment facility for retrovirus research. The renovation includes a portion of the mechanical and electrical systems and the plumbing installation for additional showers and sinks.

Estimated Construction Cost: \$ 348,500.00

Estimated Project Cost: \$ 425,000.00

164 West 19th Avenue Building - Elevator

This project will install a four level elevator to accommodate the handicapped.

Estimated Construction Cost: \$ 41,000.00

Estimated Project Cost: \$ 50,000.00

Supplemental Renovations - OARDC

OARDC - Fisher Auditorium Roof

This project will install approximately 28,000 square feet of built-up roofing on the lower roof area of the Fisher Auditorium. Replacement of wet insulation and retlashing the parapet walls as required also is included in the project.

Estimated Construction Cost: \$ 103,000.00

Estimated Project Cost: \$ 125,600.00

**Employment of Architects/Engineers and  
Request for Construction Bids (contd)**

**Projects Funded by Substitute House Bill 808 (contd)**

Background (contd)

Supplemental Renovations - OARDC (contd)

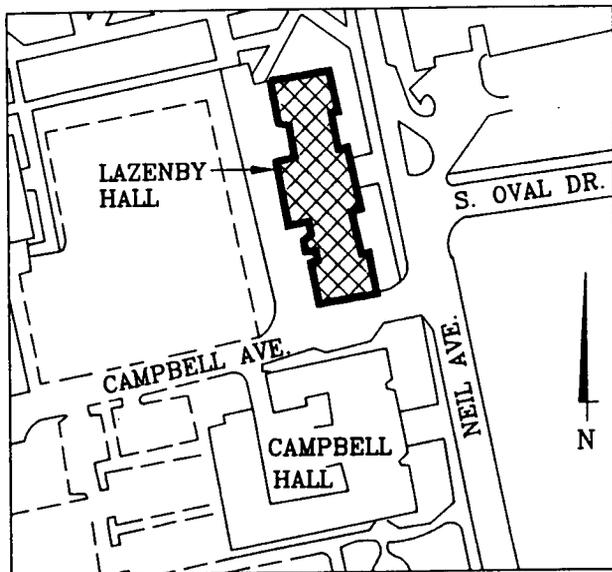
OARDC - Physical Plant Building Roof

This project will install approximately 24,000 square feet of built-up roofing, including replacement of insulation, replacement of deteriorated metal decking, and reflashings at parapet walls as required.

Estimated Construction Cost: \$ 130,200.00

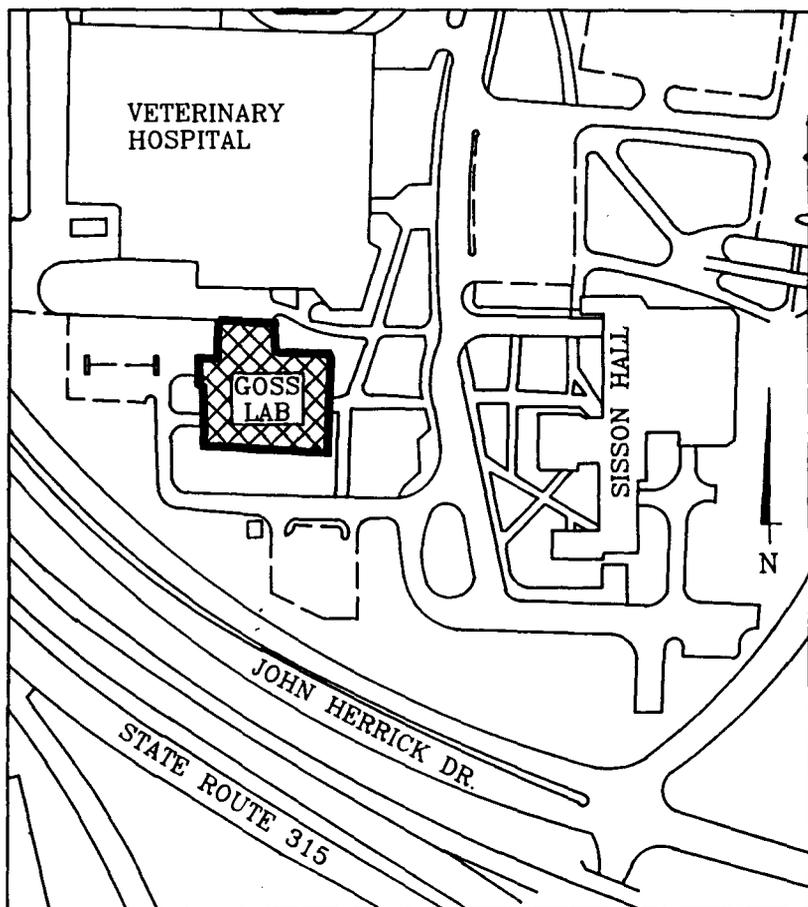
Estimated Project Cost: \$ 158,800.00

# LAZENBY HALL THIRD FLOOR RENOVATION



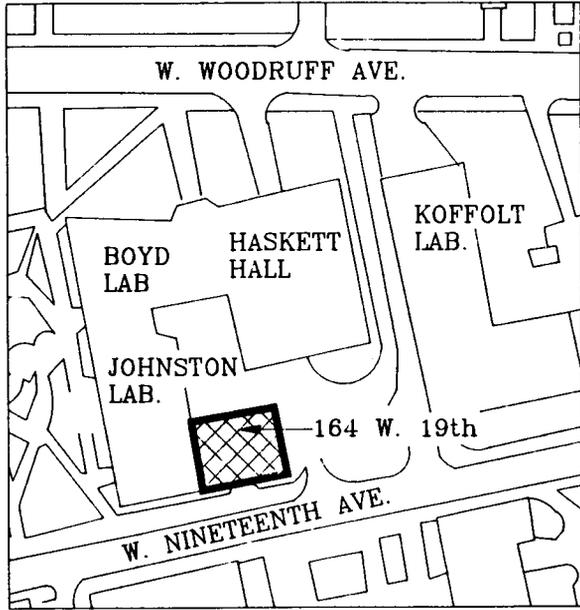
OFFICE OF BUSINESS AND ADMINISTRATION  
SEPTEMBER 7, 1990

# GOSS LAB RENOVATION (RETROVIRUS CONTAINMENT)



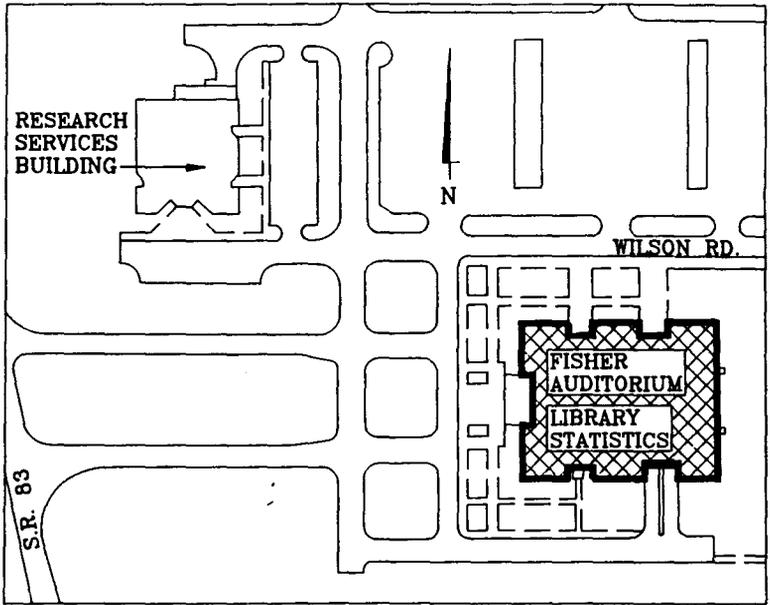
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SEPTEMBER 7, 1990

164 W. 19th BUILDING  
ELEVATOR



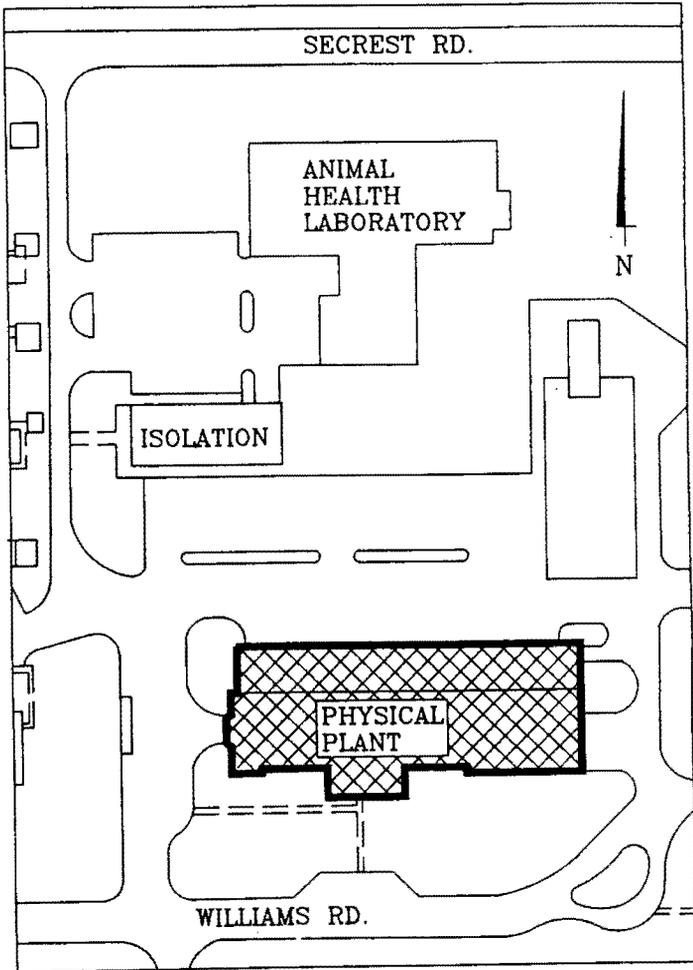
OFFICE OF BUSINESS AND ADMINISTRATION  
SEPTEMBER 7, 1990

# OARDC - FISHER AUDITORIUM ROOF



OFFICE OF BUSINESS AND ADMINISTRATION  
SEPTEMBER 7, 1990

# OARDC - PHYSICAL PLANT BUILDING ROOF



OFFICE OF BUSINESS AND ADMINISTRATION  
SEPTEMBER 7, 1990

**APPENDIX XVI**

**OARDC - DAIRY MATERNITY AND CALF BARN REPLACEMENT  
MCCRACKEN POWER PLANT - WATER TREATMENT FACILITIES  
MCCRACKEN POWER PLANT - REBUILD HOT WATER HEATING SYSTEMS  
MCCRACKEN POWER PLANT - REPLACEMENT OF STEAM LINES**

**Adopted by the Board of Trustees, September 7, 1990  
(See page 279)**

## **Employment of Architects/Engineers and Request for Construction Bids**

### Background

#### OARDC - Dairy Maternity and Calf Barn Replacement

This project will provide facilities for housing parturient dairy cows and calves from birth to 26 weeks of age and related support areas and mechanical systems, including a separate hay and bedding storage building, manure handling system, and appropriate ventilating system. These facilities will replace those destroyed in a fire on April 11, 1990.

Funds for this project are available from insurance proceeds and University funds. Construction costs are estimated at \$640,000.00, and the total estimated project cost is \$800,000.00

#### McCracken Power Plant - Water Treatment Facilities

This project will provide for utilities replacement to improve the water treatment at the Power Plant. This will involve new equipment, systems layout alterations, and upgrading the Power Plant to meet current EPA standards.

Funds for this project are available from University bond proceeds. Construction costs are estimated at \$2,058,000.00, and the total estimated project cost is \$2,572,000.00.

#### McCracken Power Plant - Rebuild Hot Water Heating System

This project will replace the old, deteriorated hot water heating system which services 56 central campus buildings, including pumps, steam turbines which drive the pumps, steam to hot water heat exchangers, and related components.

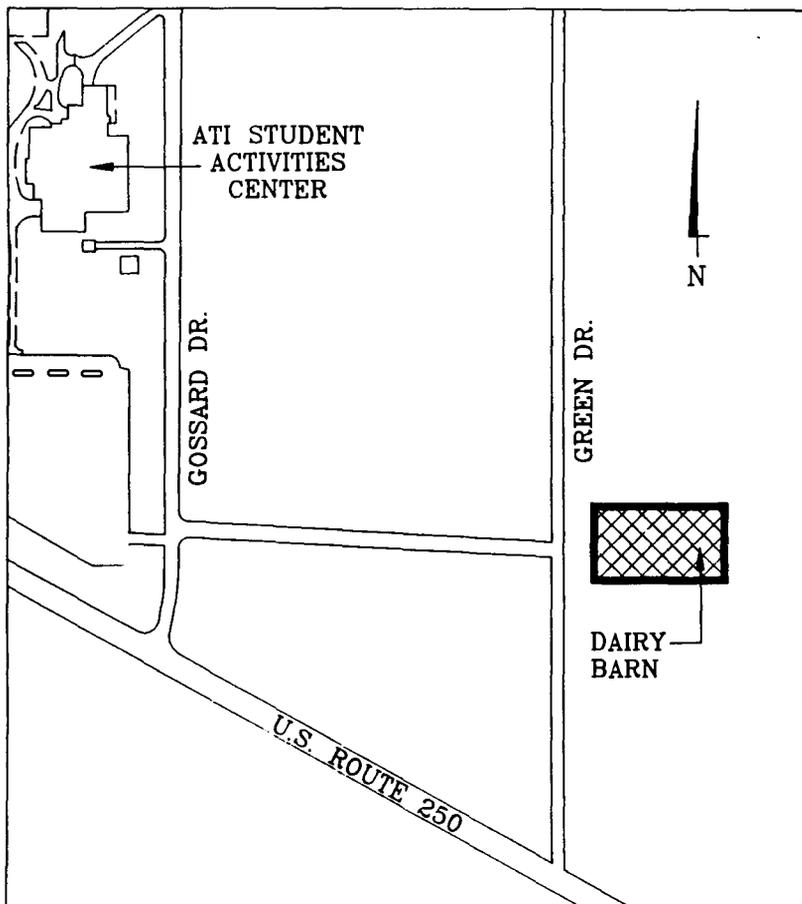
Funds for this project are available from University bond proceeds. Construction costs are estimated at \$410,000.00, and the total estimated project cost is \$515,000.00.

#### McCracken Power Plant - Replacement of Steam Lines

This project will replace the deteriorated, direct burial conduit system which supplies steam heat to Newton Hall, Graves Hall, and Prior Health Sciences Library.

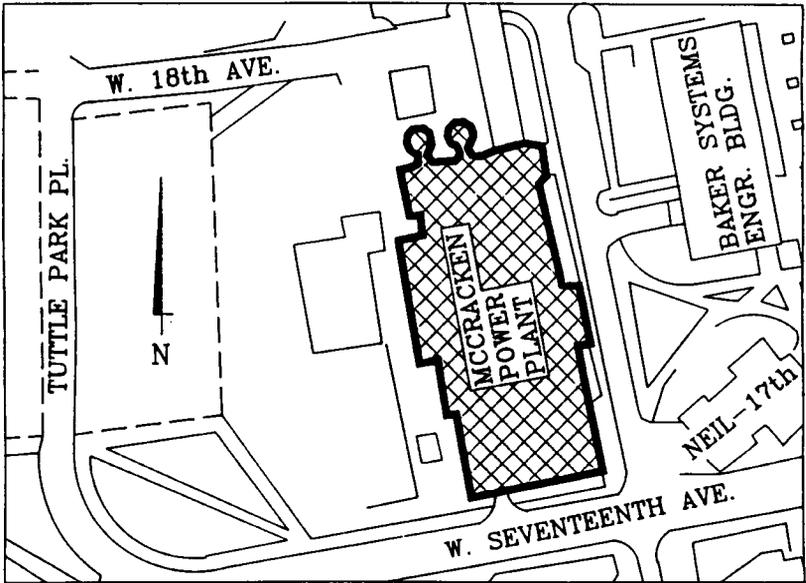
Funds for this project are available from University bonds proceeds. Construction costs are estimated at \$236,000.00, and the total estimated project cost is \$295,000.00.

# OARDC - DAIRY MATERNITY AND CALF BARN FACILITY REPLACEMENT



OFFICE OF BUSINESS AND ADMINISTRATION  
SEPTEMBER 7, 1990

- MCCRACKEN POWER PLANT  
- REBUILD HOT WATER  
HEATING SYSTEM  
- REPLACEMENT OF STEAM LINES  
- WATER TREATMENT FACILITY



OFFICE OF BUSINESS AND ADMINISTRATION  
SEPTEMBER 7, 1990

**APPENDIX XVII**

**AMERIFLORA '92 BIOCONTAINMENT FACILITY  
BRIDGE AND STREET IMPROVEMENTS (FAWCETT CENTER FOR  
TOMORROW LOOP ROAD)  
LIMA - PARKING LOT LIGHTING UPGRADE  
MANSFIELD - ROADWAY AND PARKING LOT REPAIRS  
NORTH ATHLETIC COMPLEX PLAYING FIELDS  
COFFEY ROAD INTRAMURAL FIELDS**

**Adopted by the Board of Trustees, September 7, 1990  
(See page 280)**

**Report of Award of Contracts and  
Establishment of Contingency Funds**

(Amounts shown with an \* include accepted alternates.)

Background

AmeriFlora '92 Biocontainment Facility  
Bridge and Street Improvements (Fawcett  
Center for Tomorrow Loop Road)  
Lima - Parking Lot Lighting Upgrade  
Mansfield - Roadway and Parking Lot Repairs  
North Athletic Complex Playing Fields  
Coffey Road Intramural Fields

AmeriFlora '92 Biocontainment Facility

This project will provide a specialized support facility for receiving, inspecting, monitoring, maintaining, and growing plant materials for the City of Columbus' AmeriFlora '92 International Exposition. The greenhouse and outdoor nursery complex, an inspection quarantine complex, and a service dock area for delivery and handling of plant material, equipment, and supplies are all a part of this project. At the conclusion of the AmeriFlora '92 Exposition, this facility will belong to the University and be used to support research and teaching programs of the College of Agriculture. The total project cost is \$2,225,000.00; funding is provided from House Bill 810. The estimated completion date is May 1991. The contracts awarded are as follows:

General Contract:	Miles-McClellan Construction, Columbus, Ohio
Amount:	\$ 873,500.00
Estimate:	\$ 970,830.00
Plumbing Contract:	Limbach Co./Ro-Dan Mechanical, Columbus, Ohio
Amount:	\$ 195,655.00+
Estimate:	\$ 170,000.00
HVAC Contract:	Limbach Co./Ro-Dan Mechanical, Columbus, Ohio
Amount:	\$ 432,744.00+
Estimate:	\$ 383,500.00
Electric Contract:	Advantage Electric, Columbus, Ohio
Amount:	\$ 353,178.00+
Estimate:	\$ 338,350.00

**Report of Award of Contracts and  
Establishment of Contingency Funds (contd)**

Background (contd)

AmeriFlora '92 Biocontainment Facility (contd)

Total All Contracts:	\$1,855,077.00
Moveable Equipment:	\$ 40,202.46
Contingency Allowance:	\$ 92,753.62 (5.0% of construction cost)
Total Project Cost:	\$2,225,000.00

+The Plumbing, HVAC and Electric contracts are in excess of filed estimate of cost; however, the total price of all contracts is within 10% of the total estimate of cost and is recommended for award as provided by Section 153.12 of the Revised Code.

September 7, 1990

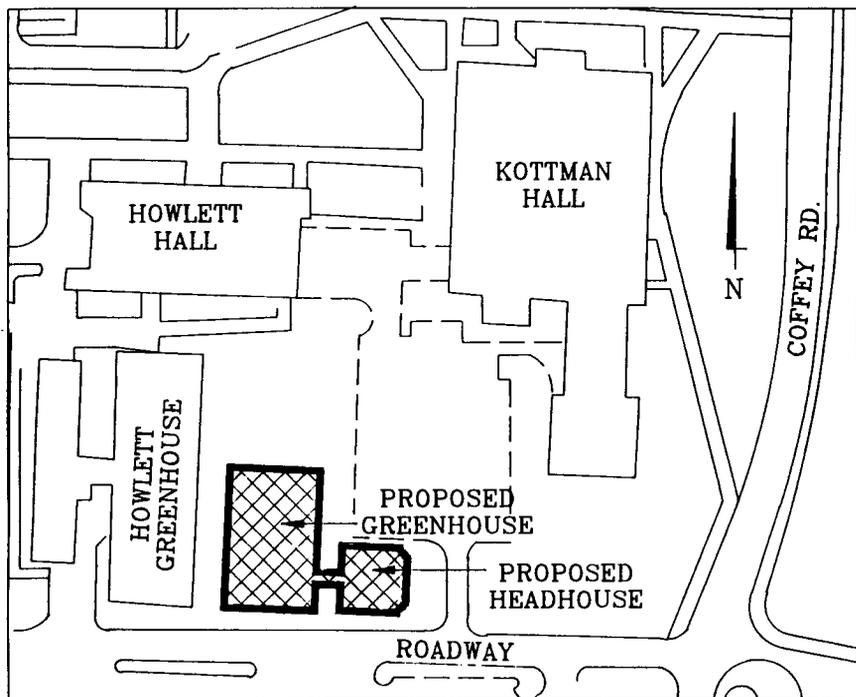
REPORT OF AWARD OF CONTRACTS AND ESTABLISHMENT OF CONTINGENCY FUNDS  
AMERIFLORA '92 BIOCONTAINMENT FACILITY

Tabulation of Bids

Bids received by State of Ohio, Division of Public Works on May 8, 1990. Bids opened by Geri Hendrickson and tabulated by Elizabeth Foster. Awards Indicated with an "\*".

<u>General Contract</u>	<u>Estimate</u>	<u>McClellan *</u>	<u>Smoot</u>	<u>Williamson</u>
Base Bid	\$963,150.00	\$865,000.00	\$927,639.00	\$963,000.00
Alt. G-12 (Wire Shelving)	\$7,680.00	\$8,500.00	\$9,200.00	\$9,939.00
<b>Total General Contract</b>	<b>\$970,830.00</b>	<b>\$873,500.00</b>	<b>\$936,839.00</b>	<b>\$972,939.00</b>
Alternates not taken:				
Alt. G-4 (Lab. Gas Cooke)	100.00	200.00	450.00	110.00
Alt. G-5 (Lab. Valves)	100.00	200.00	350.00	110.00
Alt. G-1 (Grmise Addition)	71,000.00	39,000.00	51,800.00	48,600.00
<u>Plumbing Contract</u>	<u>Estimate</u>	<u>Limbach/ Ro-Dan *</u>	<u>Village</u>	<u>McClellan</u>
Base Bid	\$170,000.00	\$196,655.00	\$196,615.00	\$197,000.00
<b>Total Plumbing Contract</b>	<b>\$170,000.00</b>	<b>\$196,655.00</b>	<b>\$196,615.00</b>	<b>\$197,000.00</b>
Alternate not taken:				
Alt. P-4 (Natural Gas Service)	\$7,500.00	\$5,690.00	\$7,900.00	\$7,000.00
Alt. P-5 (Lab. Compressed Air)	5,000.00	5,507.00	4,600.00	4,000.00
Alt. P-1 (Greenhouse Addition)	3,000.00	6,864.00	2,400.00	6,000.00
<u>Plumbing Contract (Continued)</u>	<u>Mandeville/ Croson</u>			
Base Bid	\$216,489.00			
<b>Total Plumbing Contract</b>	<b>\$216,489.00</b>			
Alternate not taken:				
Alt. P-4 (Natural Gas Service)	\$7,450.00			
Alt. P-5 (Lab. Compressed Air)	7,200.00			
Alt. P-1 (Greenhouse Addition)	7,950.00			
<u>HVAC Contract</u>	<u>Estimate</u>	<u>Limbach/ Ro-Dan *</u>	<u>Mandeville /Croson</u>	<u>Village</u>
Base Bid	\$383,500.00	\$432,744.00	\$461,800.00	\$480,912.00
<b>Total HVAC Contract</b>	<b>\$383,500.00</b>	<b>\$432,744.00</b>	<b>\$461,800.00</b>	<b>\$480,912.00</b>
Alternate not taken:				
Alt. H-1 (Greenhouse Addition)	\$3,500.00	\$8,261.00	\$11,387.00	\$8,800.00
Alt. H-6 (Andover Temp. Control)	.00	28,590.00	28,780.00	31,770.00
Alt. H-7 (Barber Colman Control)	.00	16,583.00	14,480.00	19,866.00
Alt. H-6 (Priva Computer Control)	.00	3,251.00	2,200.00	9,020.00
Alt. H-10 (Q-Corn Computer Control)	.00	(5,292.00)	(5,900.00)	.00
<u>Electric Contract</u>	<u>Estimate</u>	<u>Advantage *</u>		
Base Bid	\$338,350.00	\$353,178.00		
<b>Total Electric Contract</b>	<b>\$338,350.00</b>	<b>\$353,178.00</b>		
Alternates not taken:				
Alt. E-1 (Greenhouse Addition)	\$10,000.00	\$7,930.00		

# AMERIFLORA '92 BIOCONTAINMENT FACILITY



OFFICE OF BUSINESS AND ADMINISTRATION  
SEPTEMBER 7, 1990

**Report of Award of Contracts and  
Establishment of Contingency Funds (contd)**

Background (contd)

Bridge and Street Improvements (Fawcett Center for Tomorrow Loop Road)

This project will repair and resurface approximately 4,800 square yards of asphalt paving on the Fawcett Center for Tomorrow Loop Road from Olentangy River Road to Argyll Street. The total project cost is \$50,000.00; funding is provided from House Bill 810. The estimated completion date is September 1990. The contract awarded is as follows:

General Contract:	Decker Construction, Columbus, Ohio
Amount:	\$ 43,440.00+
Estimate:	\$ 42,000.00
Total All Contracts:	\$ 43,440.00
Contingency Allowance:	\$ 5,560.00 (12.8% of construction cost)
Total Project Cost:	\$ 50,000.00

+The General contract is in excess of filed estimate of cost; however, the total price of all contracts is within 10% of the total estimate of cost and is recommended for award as provided by Section 153.12 of the Revised Code.

September 7, 1990

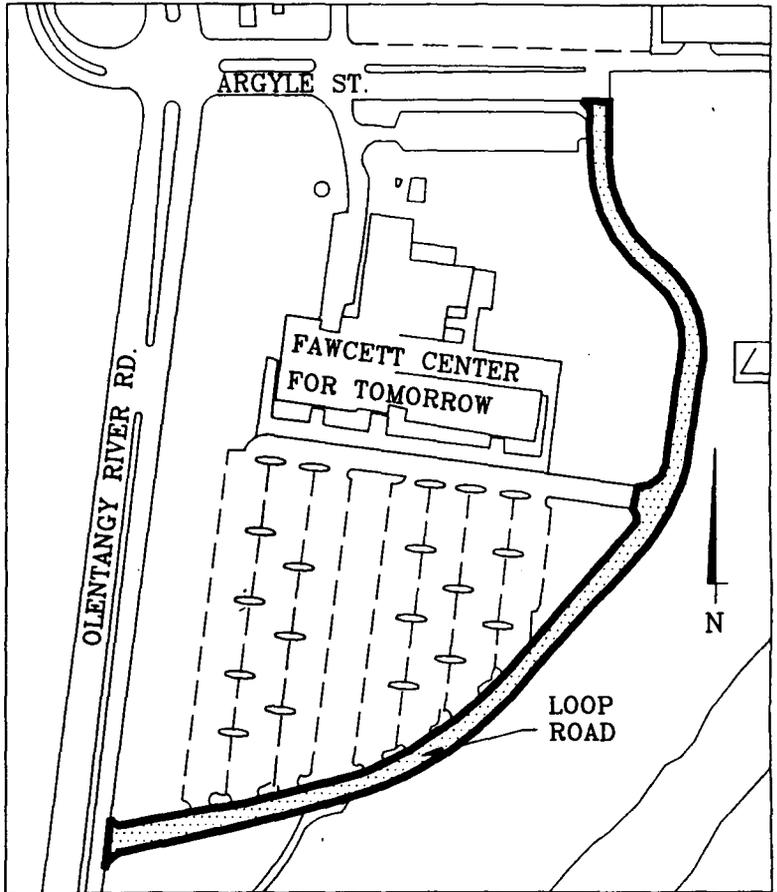
REPORT OF AWARD OF CONTRACTS AND ESTABLISHMENT OF CONTINGENCY FUNDS  
BRIDGE AND STREET IMPROVEMENTS - FAWCETT CENTER FOR TOMORROW LOOP ROAD

Tabulation of Bids

Bids received by The Ohio State University on June 14, 1990. Bids opened by Tamara Bell and tabulated by Ray Yancik. Awards indicated with an \*\*\*.

<u>General Contract</u>	<u>Estimate</u>	<u>Decking *</u>	<u>State Paving</u>	<u>Cole Asphalt</u>
Base Bid	\$42,000.00	\$43,440.00	\$46,069.00	\$47,970.00
Total General Contract	\$42,000.00	\$43,440.00	\$46,069.00	\$47,970.00
Alternates not taken:				
Alt. G-1 (Berm Construction)	\$8,000.00	\$10,645.00	\$11,200.00	\$14,350.00
Alt. G-2 (Modified Asphalt Overlay)	4,200.00	5,885.00	6,400.00	7,062.00

# FAWCETT CENTER FOR TOMORROW - LOOP ROAD



OFFICE OF BUSINESS AND ADMINISTRATION  
SEPTEMBER 7, 1990

**Report of Award of Contracts and  
Establishment of Contingency Funds (contd)**

Background (contd)

Lima - Parking Lot Lighting Upgrade

This project will retrofit 11 parking lot light fixtures on existing poles and rewire circuits that control these fixtures on three separate campus parking lots. The total project cost is \$51,600.00; funding is provided from House Bill 810. The estimated completion date is October 1990. The contract awarded is as follows:

Electric Contract:	Joy Electric, Lima, Ohio
Amount:	\$ 38,500.00*
Estimate:	\$ 47,000.00*
Total All Contracts:	\$ 38,500.00
Contingency Allowance:	\$ 10,600.00 (27.5% of construction cost)
Total Project Cost:	\$ 51,600.00*

September 7, 1990

REPORT OF AWARD OF CONTRACTS AND ESTABLISHMENT OF CONTINGENCY FUNDS

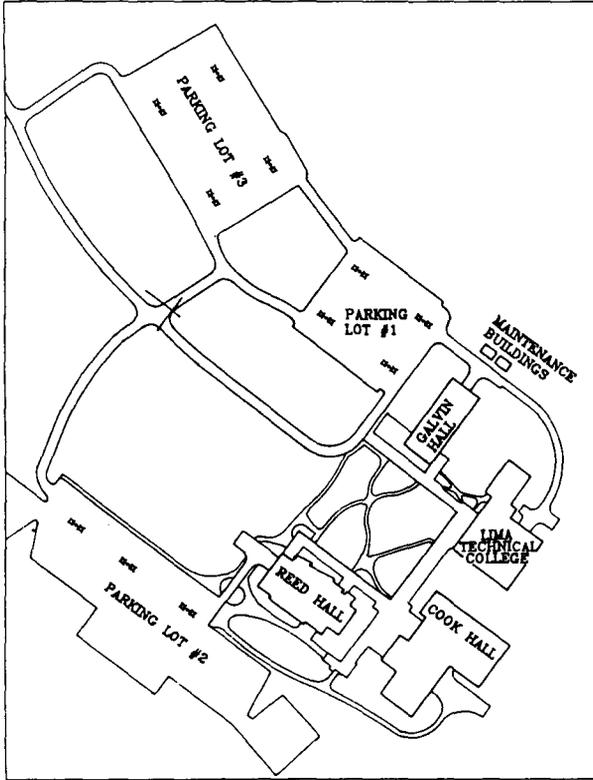
LIMA REGIONAL CAMPUS PARKING LOT LIGHTING UPGRADE

Tabulation of Bids

Bids received by The Ohio State University on May 31, 1990. Bids opened by Tamara Bell and tabulated by Carol Cochran. Awards indicated with an "A".

<u>Electric Contract</u>	<u>Estimate</u>	<u>Joy *</u>	<u>Steiner</u>	<u>Loveridge</u>
Base Bid	\$20,000.00	\$21,900.00	\$34,635.00	\$43,370.00
Alt. E-1 (Parking Lot #3)	9,000.00	12,000.00	10,317.00	8,696.00
Alt. E-2 (Parking Lot #1)	9,000.00	2,600.00	3,232.00	1,810.00
Alt. E-3 (Parking Lot #2)	9,000.00	2,000.00	2,574.00	2,440.00
Total Electric Contract	\$47,000.00	\$38,500.00	\$50,756.00	\$56,316.00

# LIMA REGIONAL CAMPUS PARKING LOT LIGHTING



OFFICE OF BUSINESS AND ADMINISTRATION  
SEPTEMBER 7, 1990

**Report of Award of Contracts and  
Establishment of Contingency Funds (contd)**

Background (contd)

Mansfield - Roadway and Parking Lot Repairs

This project will resurface the west entrance drive and parking lot. The total project cost is \$81,257.73; funding is provided from House Bill 810. The estimated completion date is September 1990. The contract awarded is as follows:

General Contract:	Mansfield Asphalt, Mansfield, Ohio
Amount:	\$ 72,923.82*
Estimate:	\$ 101,080.00*
Total All Contracts:	\$ 72,923.82
Contingency Allowance:	\$ 5,833.91 (8.0% of construction cost)
Total Project Cost:	\$ 81,257.73*

September 7, 1990

REPORT OF AWARD OF CONTRACTS AND ESTABLISHMENT OF CONTINGENCY FUNDS

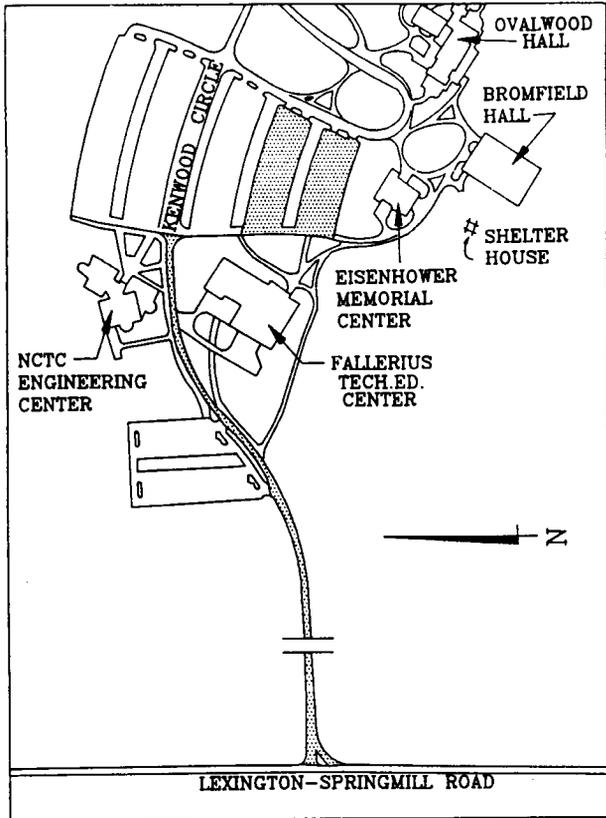
MANSFIELD ROADWAY AND PARKING LOT REPAIRS

Tabulation of Bids

Bids received by The Ohio State University on May 31, 1990. Bids opened by Tamara Bell and tabulated by Carol Cochran. Awards indicated with an "\*".

<u>General Contract</u>	<u>Estimate</u>	<u>Mansfield Asphalt*</u>	<u>Kokosing</u>
Base Bid	\$76,825.00	\$57,949.88	\$66,726.60
Alt. G-1 (Parking Lot #1)	9,160.00	8,986.30	9,805.00
Alt. G-2 (Parking Lot #2)	15,095.00	5,987.64	6,135.48
Total General Contract	\$101,080.00	\$72,923.82	\$82,667.08

# MANSFIELD ROADWAY AND PARKING LOT REPAIRS



OFFICE OF BUSINESS AND ADMINISTRATION  
SEPTEMBER 7, 1990

**Report of Award of Contracts and  
Establishment of Contingency Funds (contd)**

Background (contd)

North Athletic Complex Playing Fields and Coffey Road Intramural Fields

These projects will create two soccer and lacrosse fields and two baseball fields with appropriate drainage west and south of the Woody Hayes Athletic Center and develop the field south of Woody Hayes Drive and east of Coffey Road to include five flag football fields, five softball fields, a small storage building, and restrooms. The total project cost is \$1,094,715.46; funding is provided from University bond proceeds. The estimated completion date is September 1990. The contracts awarded are as follows:

Grading Contract: George Igel Company, Columbus, Ohio

Amount: \$ 214,660.00\*

Estimate: \$ 429,500.00\*

Drainage Contract: Miles McClellan, Columbus, Ohio

Amount: \$ 178,990.00

Estimate: \$ 211,640.00

Fencing Contract: Williamson Builders, Plain City, Ohio

Amount: \$ 67,000.00

Estimate: \$ 120,900.00

Irrigation Contract: Oakland, Columbus, Ohio

Amount: \$ 101,397.00

Estimate: \$ 151,400.00

Storage Building Contract: Gioffe Construction, Dublin, Ohio

Amount: \$ 55,500.00+

Estimate: \$ 35,000.00

Electric Contract: Now Electric, Columbus, Ohio

Amount: \$ 245,800.00 \* +

Estimate: \$ 215,000.00 \*

**Report of Award of Contracts and  
Establishment of Contingency Funds (contd)**

Background (contd)

North Athletic Complex Playing Fields and Coffey Road Intramural Fields (contd)

Total All Contracts:	\$ 862,747.00 *
Contingency Allowance:	\$ 69,019.76 (8.0% of construction cost)
Total Project Cost:	\$1,094,715.46

+The Storage Building and Electric contracts are in excess of filed estimate of cost; however, the total price of all contracts is within 10% of the total estimate of cost and is recommended for award as provided by Section 153.12 of the Revised Code.

September 7, 1990

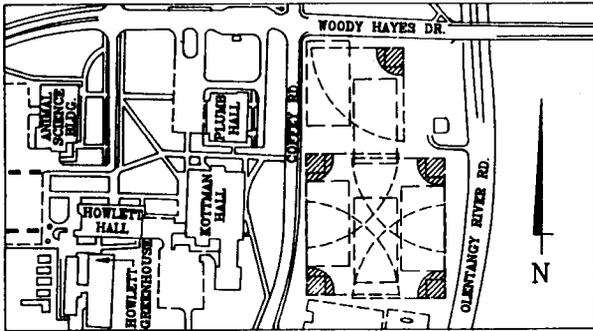
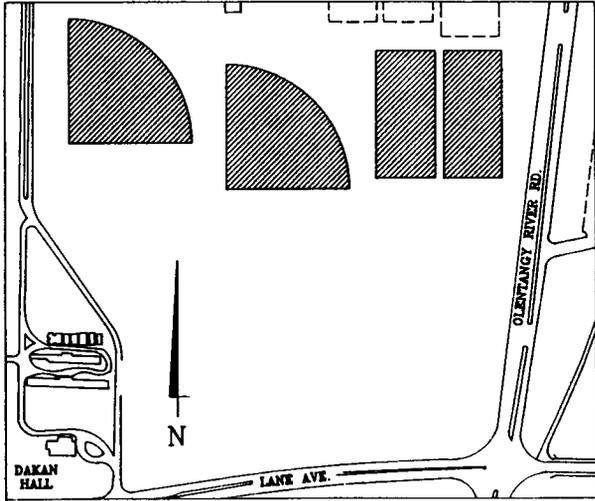
REPORT OF AWARD OF CONTRACTS AND ESTABLISHMENT OF CONTINGENCY FUNDS  
NORTH ATHLETIC FACILITY AND COFFEY ROAD INTRAMURAL FIELDS

Tabulation of Bids

Bids received by The Ohio State University on March 22 and May 24, 1990. Bids opened by Tamara Bell and tabulated by Dwight Stuckey and Ray Yanacik. Awards indicated with an "\*".

<u>Grading Contract</u>	<u>Estimate</u>	<u>Igel *</u>	<u>Williamson</u>	<u>Righter</u>
Base Bid	\$419,000.00	\$206,600.00	\$248,000.00	\$252,777.00
Alt. G-1 (Additional Stone)	10,500.00	8,060.00	.00	13,777.00
Total Grading Contract	\$429,500.00	\$214,660.00	\$248,000.00	\$266,554.00
Grading Contract (Continued)	<u>Chiel</u>			
Base Bid	\$416,048.00			
Alt. G-1 (Additional Stone)	11,000.00			
Total Grading Contract	\$427,048.00			
<u>Drainage Contract</u>	<u>Estimate</u>	<u>McClellan *</u>	<u>Watiker</u>	<u>Mayte</u>
Base Bid	\$211,640.00	\$178,990.00	\$187,097.42	\$230,000.00
Total Drainage Contract	\$211,640.00	\$178,990.00	\$187,097.42	\$230,000.00
Drainage Contract (Continued)	<u>Williamson</u>			
Base Bid	\$248,000.00			
Total Drainage Contract	\$248,000.00			
<u>Fencing Contract</u>	<u>Estimate</u>	<u>Williamson *</u>	<u>McClellan</u>	<u>Watiker</u>
Base Bid	\$120,900.00	\$67,000.00	\$74,850.00	\$87,402.00
Total Fencing Contract	\$120,900.00	\$67,000.00	\$74,850.00	\$87,402.00
Fencing Contract (Continued)	<u>Singer</u>	<u>Minor</u>		
Base Bid	\$92,258.25	\$95,861.00		
Total Fencing Contract	\$92,258.25	\$95,861.00		
<u>Irrigation Contract</u>	<u>Estimate</u>	<u>Oakland *</u>	<u>Chiel</u>	<u>Green Magic</u>
Base Bid	\$151,400.00	\$101,397.00	\$107,400.00	\$119,860.00
Total Irrigation Contract	\$151,400.00	\$101,397.00	\$107,400.00	\$119,860.00
Irrigation Contract (Continued)	<u>Buck &amp; Sons</u>			
Base Bid	\$167,200.76			
Total Irrigation Contract	\$167,200.76			
<u>Storage Building Contract</u>	<u>Estimate</u>	<u>Gioffre *</u>	<u>Ed Ross</u>	<u>GHM</u>
Base Bid	\$35,000.00	\$55,500.00	\$64,670.00	\$65,492.00
Total Storage Building Contract	\$35,000.00	\$55,500.00	\$64,670.00	\$65,492.00
<u>Electric Contract</u>	<u>Estimate</u>	<u>Now *</u>	<u>Advantage</u>	
Base Bid	\$175,000.00	\$218,600.00	\$221,989.00	
Alt. E-1 (Additional Lighting)	40,000.00	29,200.00	40,579.00	
Total Electric Contract	\$215,000.00	\$245,800.00	\$262,568.00	

# NORTH ATHLETIC FACILITY AND COFFEY ROAD INTRAMURAL FIELDS



OFFICE OF BUSINESS AND ADMINISTRATION  
SEPTEMBER 7, 1990

**APPENDIX XVIII**

**133.86 ACRES IN PIKE COUNTY, OHIO, FOR THE  
AGRICULTURAL MANAGEMENT SYSTEMS EVALUATION AREA PROJECT**

**Adopted by the Board of Trustees, September 7, 1990  
(See page 282)**

## **Lease of Land and Research Agreement**

### Background

133.86 Acres in Pike County, Ohio, for the  
Agricultural Management Systems Evaluation Area Project

### Description and Location of Property

The property consists of approximately 133.86 acres of farmland in Pike County, Ohio, located in the southwest quadrant of the intersection of U.S. Routes 23 and 124. The property is approximately two miles west of the University's Piketon Research and Extension Center and two miles south of the City of Piketon. The property is part of the 650-acre Vanmeter Farm, owned by Helen J. Vanmeter, John I. Vanmeter, and Emma C. Vanmeter.

### Description of Research Program

The U.S. Department of Agriculture's Midwest Water Quality Research Initiative makes Federal funds available to set up research areas to evaluate crop production systems that are economically feasible and minimize contamination of water resources - particularly groundwater - from agricultural fertilizers and pesticides. In March 1990, USDA announced that it would accept the University's proposal for a buried valley aquifer site near Piketon as one of five Management Systems Evaluation Areas. (The other four sites are in Iowa, Minnesota, Missouri, and Nebraska.) This multi-agency project will involve approximately \$6-8 million over the first five years, with the University receiving \$2 million from USDA and \$1 million from the State of Ohio. The program will involve the USDA, the U.S. Geological Survey, the State of Ohio, as well as Ohio State's College of Agriculture, including OARDC and the Cooperative Extension Service. The project will be coordinated through the University's Department of Agricultural Engineering.

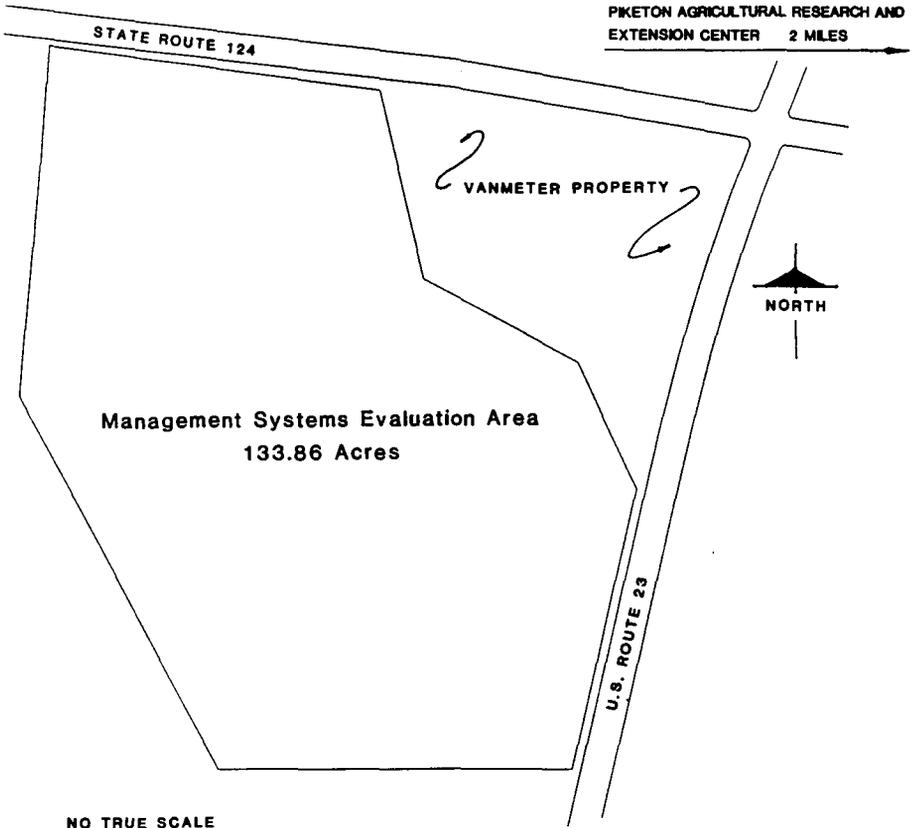
This research program will examine different farming systems and compare varying degrees of chemical use; monitor an extensive network of groundwater wells; and evaluate new and improved farming system components. The objectives are improved agricultural management systems, especially with regard to groundwater contamination and water quality impacts, and development of educational programs to promote improved agricultural management.

The Piketon site was selected for this research project because the aquifer has a supply potential of 1.5 billion gallons per day and is typical of Midwest aquifers; there is extensive hydrological and management information available regarding the site; surface water and groundwater systems in the area have been impacted by agriculture; and the site is close to the University's Piketon Research and Extension Center.

### Terms of the Lease and Research Agreement

The lease is for a term of five years, with three renewal options for five years each. The annual fee is \$20,079.00 which includes lease of the 133.86 acres, use of adjacent Vanmeter Farm lands for installing and monitoring wells and doing soil and water testing, and consulting services to be provided by the Vanmeter Farm management. If Federal funds for the program are cancelled, the University can terminate the lease upon 30 days written notice.

**Lease of Property for  
Management Systems Evaluation Area  
Pike County, Ohio**



**OFFICE OF BUSINESS AND ADMINISTRATION  
SEPTEMBER 7, 1990**

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**APPENDIX XIX**

**0.83 ACRE ON SAWMILL ROAD, COLUMBUS, OHIO**

**Adopted by the Board of Trustees, September 7, 1990  
(See page 282)**

## **Sale of Real Property**

### Background

0.83 Acre on Sawmill Road  
Columbus, Ohio

### Description and Location

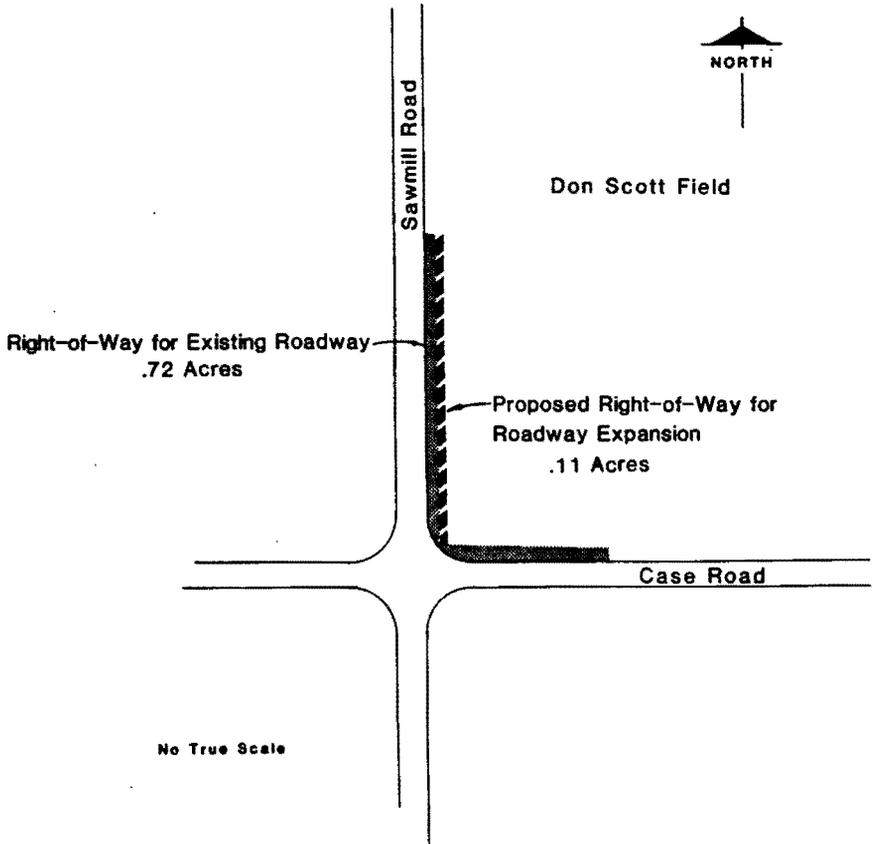
As a part of its land holdings in the Don Scott Field area, The Ohio State University owns the parcel at the northeast corner of the intersection of Case and Sawmill Roads. The land involved in this proposed sale consists of two tracts totalling approximately 0.83 acre located along the west side of the property. The first tract is approximately 0.72 acre that currently forms part of Sawmill Road. When the University acquired the property in 1972, the current roadbed already existed, but no road right-of-way easement had ever been executed. The second tract is approximately 0.11 acre located immediately to the east of the existing right-of-way and used for University farming operations. Title to both tracts is in the name of the State of Ohio for the use of The Ohio State University.

### Proposed Sale

The City of Columbus desires to purchase the 0.11 acre tract to provide land for the widening of Sawmill Road, as part of the City's Bethel Road Improvement Project, Phase III. The City also desires to convert the permanent easement for the existing right of way on the 0.72 acre tract into a fee simple ownership. An MAI appraisal done for the City in June 1989, by HER Appraisal Services valued the 0.11 acre tract at \$2,000.00, plus \$300.00 for a temporary construction easement for a strip of land adjacent to the east, and \$10.00 for a permanent road occupancy payment to transfer to the City fee simple ownership for the existing right of way on the 0.72 acre tract. A "Desk Review" appraisal done by Nash Wilson Associates for the University in March 1990, concurred with this valuation. The City of Columbus has offered to pay the total amount of \$2,310.00. The proceeds of the sale would be deposited in an account to support future land acquisitions.

Because title to the property is held in the name of the State of Ohio, sale is subject to the approval of the Ohio General Assembly through an act authorizing the Ohio Department of Administrative Services to sell the property to the City on the University's behalf.

**Proposed Sale of Land for Right-of-Way  
at Sawmill and Case Roads  
to the City of Columbus**



**Office of Business and Administration  
September 7, 1990**

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THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND TWO HUNDRED AND SIXTY-SIXTH MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, October 5, 1990

The Board of Trustees met at its regular monthly meeting on Friday, October 5, 1990, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

\*\* \*\* \*

Minutes of the last meeting were approved.

\*\* \*\* \*

October 5, 1990 meeting, Board of Trustees

The Chairperson, Mrs. Bowser, called the meeting of the Board of Trustees to order on October 5, 1990, at 11:45 a.m. She requested the Secretary to call the roll.

Present: Shirley D. Bowser, Chairperson, Hamilton J. Teaford, John J. Barone, Deborah E. Casto, John W. Kessler, Milton A. Wolf, Leslie H. Wexner, Alex Shumate, Theodore S. Celeste, Sophia L. Paige, and David A. Tonnie.

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### PRESIDENT'S REPORT

President Gee:

Madam Chairperson, Members of the Board, since we last met, the pace of the University has quickened with the opening of the Autumn Quarter. More than 10,000 students have moved into residence halls and thousands of others into near campus apartments, rooming houses, and fraternity and sorority houses. We welcomed 235 new faculty members to the campus.

To give you an idea of the activity during the opening of Autumn Quarter at some of the typical pressure points:

-- Traffic and Parking this year sold 14,917 "C" stickers to students -- and those people are at this moment driving around looking for a parking space.

-- The Office of the Treasurer distributed 9,387 student loan checks and 60,857 fees have been paid.

-- The new University Bookstore, which by the way is a marvelous addition to this campus, experienced a 15 percent increase in the sale of textbooks over the same period last year, which gives me great pleasure. I am glad it was textbooks and not T-shirts.

I have had a chance to get out and see the beauty of the Columbus campus in the fall, and also the wonderful facilities at our Mansfield Campus and at Stone Lab on Lake Erie. I was literally overwhelmed by the fantastic Farm Science Review. This is, by the way, an amazing, important, and significant exposition and a real point of pride for Ohio State and the State of Ohio. It is clear that this University touches all parts of the State and, indeed, the world.

Upon visiting our many friends in Cleveland, I became even more excited about the increased presence of Ohio State in that community through the possibility of an affiliation with the Cleveland Clinic and many other ties we have and can nurture in that area. And I want, today, to thank Ambassador and Mrs. Wolf, who were gracious in providing an opportunity for me to meet many of the folks who are in support of this University, and in whom we take pleasure in having the opportunity to get to know in a most gracious way. Thank you, very much. I really do appreciate that. By the way, if you want to have a heck of a party, just have him throw it!

At the International Students Orientation Picnic, I met Ohio State students from all over the world. I say from all over the world, and I was struck by how this truly is an international university.

Also making news around the campus:

## PRESIDENT'S REPORT (contd)

President Gee: (contd)

Today, the third exhibition at the Wexner Center for the Visual Arts opens to the University community and tomorrow to the public. "New Works for New Spaces" marks another landmark for the Center, as works were commissioned specifically for the Center. I hope that each of you in this room and those who are involved with the University and the wider community will visit the exhibit between now and January 6.

Also, today marks the beginning of Disability Awareness Week. The University has a very rich tradition of accessibility and enrolls a number of students having special physical needs or learning disabilities. I visited the Office of Disability Services, and was very impressed with the services available to more than 800 students -- from talking computers to reading machines.

This weekend one of the largest patient reunions ever held in Central Ohio will occur when more than 800 people attend a reunion of patients cared for during the past 10 years at Dodd Hall. This is all the more significant inasmuch as recently U.S. News and World Report named Dodd Hall one of the nation's best rehabilitation hospitals.

One of the very exciting student activities of the quarter has been the "Just Say Hi" Program, initiated by Phi Beta Sigma Fraternity and the African American Heritage Committee. Several thousand buttons -- and several of the folks in the audience are wearing them today -- have been passed out bearing the slogan "Just Say Hi." I think this is a significant contribution by an important group for this University.

The purpose of this program is to increase the sense of community and to make students, particularly minority students, feel more welcomed and feel part of The Ohio State University family. This is a terrific idea, and I hope that it challenges other students groups, faculty, and administrators to initiate activities that will add to this goal of increasing the sense of community on campus.

Finally, two major issues have been in the forefront as we open the school year: personal safety and intolerance. As you all are aware, there is substantial concern for the safety of students on campus and in the near campus area. While crime statistics for the campus show a decline in crime over the past few years, the perception, at least, and certainly several incidents from the on- and off-campus areas indicate that we must heighten our efforts of education and at crime prevention.

A number of things are underway, including close work with the city to address the near campus problems and efforts led by University Public Safety personnel to make the campus safer. From foot patrols to improved lighting, many actions have been taken. I personally have been out a number of times over the past several weeks to visit areas of the campus and off-campus activities, and I can assure you that we are undertaking efforts to make certain that safety is a primary concern. I want all of you to know that this is a matter of high priority, and one that I believe that we can more effectively address.

In terms of the second issue, I want to express my deepest concern about behaviors that can be described as acts of intolerance and hate. Whether it is graffiti or a violent attack on a person, such instances simply will not be tolerated at this University. In a community of scholars, where the values of free and open exchanges of ideas and opinions is celebrated, there is no room nor will there ever

**PRESIDENT'S REPORT (contd)**

President Gee: (contd)

be room for such actions. It is my fervent hope that we can encourage and nurture at this University a climate of civility and a true sense of community among our students, faculty, and staff. Only in such an environment can the goals of this institution be met.

With that, Madam Chairperson, I submit to you my first report of my first month.

Mrs. Bowser:

Thank you, very much. And on behalf of the Board, I only worry about you and the amount of activity that you are doing. Every time I pick up the paper or I read a communication from the University, Dr. Gee has been involved in greeting and learning.

President Gee:

Actually, Madam Chairperson, I brought three winners of the "E. Gordon Gee Look Alike Contest" with me.

Mrs. Bowser:

Well, we certainly appreciate all of your efforts.

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**RESEARCH FOUNDATION REPORT**

Ms. Casto:

Yesterday, the Research Foundation Board of Directors met and I will just highlight some of the activities that went on in the past fiscal year.

Twenty-eight hundred proposals were submitted through the Research Foundation and a record total of 1,442 awards, valued at \$125.3 million, were received during the year. This is an increase of 8.5 percent over the prior year. Funding from the National Institutes of Health and the National Science Foundation, two barometers of peer reviewed research for universities, increased approximately 14 percent from the previous year.

The Research Foundation supported over 100 faculty visits to sponsoring agencies last year. Information on approximately 20,000 funding opportunities were distributed to faculty. A new database service for graduate students enabled the Research Foundation to conduct over 400 funding searches for them as well.

Also made part of the Research Foundation this past year, was the University's new Technology Transfer Office and within the last few weeks its first director was identified. This signals the University's move into a more aggressive marketing of inventions made by its researchers. While there is room for considerable growth in the transfer of university-conceived inventions, it should be noted that OSU is already a leading institution in royalty income from patent and licensing activity.

## RESEARCH FOUNDATION REPORT (contd)

Ms. Casto: (contd)

During the last year, OSU researchers filed almost 50 disclosures and the University received over \$2.1 million in royalty income.

I would like to close by highlighting two awards received during the month of August:

\$160,000 from the U.S. Department of Education to the Department of Educational Theory and Practice and the Department of Mathematics for a technology-enhanced mathematics project. This project will provide an intensive in-service experience for 144 high school teachers from around the country to prepare them to use a computer and calculator approach to teaching and learning calculus. This approach has attracted funding from the National Science Foundation, the Ohio Board of Regents, and BP America.

\$50,000 from the State of Ohio to the Cooperative Extension Service for a recycling education program. Consumers are barraged with information and misinformation on waste management. What do the words "recyclable" and "recycled" really mean? What is meant by environmentally-safe plastic? An educational series will be developed by this program for consumers, retailers, manufacturers, and environmentalists to help create a rational approach to solid waste management in our society.

That concludes my report.

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## HOSPITALS BOARD COMMITTEE REPORT

Mr. Teaford:

Thank you, Madam Chairperson. On Thursday, September 27, the Administrative/Operations Committee, Executive Committee, and Professional Affairs/Education/Research Committee of the Hospitals Board met.

The Administrative/Operations Committee had a full agenda. The Committee authorized Hospitals Administration to submit a Certificate of Need application to renovate and expand the facility for the Surgical Intensive Care Unit to 17 additional beds for a total of 38 SICU beds. This will support both University Hospitals and The Arthur G. James Cancer Hospital and Research Institute which has no ICU of its own. The expanded SICU would be located on the fourth floor of a three-story addition on the top of the existing Medical Logistics Facility. Those of you familiar with the Hospitals will understand how something could be on the fourth floor of a three-story addition. The reason for this location is that the operating rooms of both facilities are on the fourth floor and the Department of Health will not grant a Certificate of Need unless the ICU is on the same floor as the operating rooms. The two floors underneath the SICU will be shelled-in space, which will be assigned only with the review of the Hospitals Board. The \$10 million cost of this project is included in the Hospitals' five-year capital plan.

## HOSPITALS BOARD COMMITTEE REPORT (contd)

Mr. Teaford: (contd)

During the same meeting, the Committee also authorized submission of a Certificate of Need for an addition of five bassinets to the Neonatal Intensive Care Unit. University Hospitals is currently licensed for 32 intensive care bassinets. The NICU is very crowded and is regularly in excess of 100 percent of capacity. In order to accommodate additional bassinets and upgrade the Women and Infants facilities, these functions will be relocated into other areas, requiring renovation to those areas as well as the NICU. The total cost of these four projects will be \$500,000 and is included in the capital plan. And I might note that part of those are on the agenda today.

An important fact that all of us should be aware of is that with these allocations the Hospitals has in effect allocated all of its capital funds and there are no capital funds available for further capital projects in the Hospitals. As soon as the Certificate of Need is acquired on the SIUC, that will then come to this Board.

The Administrative/Operations Committee also heard about new programs, three in particular, all designed to increase the income of the Hospitals. The first is a program with a company called Optifast. I might say, this contract was reached by competitive bidding. This will set up a diet program for significantly obese persons.

The second is the Sports Medicine Program which is going to be set up in the Camera Center. You may remember, as part of our contract to operate the Camera Center for the State, we were given two sections to use for our own facilities, and the Sports Medicine facility will be set up there. There is probably no finer facility for sports medicine in the State, and we are able to use the entire facility including all of the track and swimming pool and all those other facilities. I think you will find that will be a significant moneymaker for us.

And finally, the Stoneridge facility which is located in the northwest part of the city is going to have established within it a rehabilitation unit. As Dr. Gee mentioned earlier, we have perhaps the finest program in rehabilitative medicine in the United States. This will allow us to expand our services in that area to further outpatient care at the Stoneridge facility.

We also received updates on all of the Certificates of Need which are out there with the Department of Health. We were informed about financial benefits realized through membership in the University Hospitals Consortium. It is important to note that not only are we trying to find ways to enhance income, but indeed we saved over \$800,000 last year by purchasing through this Consortium of University Hospitals around the country.

We also heard a progress report on the implementation of recommendations to enhance operations of the Hospitals' Clinic. If you have not been in the Clinic of late, you will be pleasantly surprised to find the significant enhancement of patient services.

**HOSPITALS BOARD COMMITTEE REPORT (contd)**

Mr. Teaford: (contd)

The Executive Committee was pleased to welcome President Gee to his first meeting as a Hospitals Board member. The Committee approved the actions on the SICU and NICU Certificates of Need and received the financial and statistical report for the month of August. The Hospitals activity and net income during July and August were much higher than budgeted, largely because few patients were transferred to the Cancer Research Hospital at this point and, therefore, remained at University Hospitals. The net income was \$2.2 million versus a budgeted \$1.9 million. The cash balance improved and indeed the patient accounts receivable also declined by four days. In all of those areas there were significant pluses.

The Committee received updates on the Hospitals Volunteer Program, public relations, and development activities. Mr. Fraley reported that the annual Wyatt Company review confirmed that the Self-Insurance Fund is actuarially sound and recommended no additional contributions need be made to that fund this year. Although University Hospitals continue to test the market for the availability of excess insurance, it remains cost-prohibitive at this time.

The Committee also learned that the claims paid through settlement or verdict during the past fiscal year totalled only \$17,000. I might add that the legal fees were significantly in excess of that, and this is in large part because the Hospitals and the University has a policy of not settling claims for which we feel there is no liability. That does obviously enhance legal fees, but I think also results in such small verdicts as \$17,000.

Mrs. Bowser:

I would expect you to defend your fellow attorneys, Mr. Teaford.

Mr. Teaford:

Legal fees are not always a good investment, but these seem to be. Dr. Drago, Chairman of the Central Billing Committee, reported on progress toward developing a single, combined physician's bill for our patients. And I think I shall soon be able to report to our former Chairman, Mr. Redman, that we've got his project finally taken care of.

Mr. Jerry Maier reported that major elements of the Near East Side Project, formally known as the Mt. Vernon project, should be in place no later than January 1, 1991. This is really in the land-grant tradition of the University, not simply to take agricultural services to the community, but, in this case, to take medical services to the near east side of Columbus. These services will include a program for the prevention of pre-term birth, nursing and dietetic services for the elderly, and various types of monthly health screenings and trainings for care givers. We will be using existing facilities on the near east side, including the Second Baptist Church, and will be cooperating with existing organizations such as Life Care Alliance, in provision of the services for the elderly.

October 5, 1990 meeting, Board of Trustees

### HOSPITALS BOARD COMMITTEE REPORT (contd)

Mr. Teaford: (contd)

Lastly, the Professional Affairs Committee received confidential reports on Quality and Resource Management, with one report being our regular hospital-wide report and the other being specific to the Department of Obstetrics and Gynecology. This is a program which has developed over the last couple of years and is now firmly in place. What we were able to learn in that Executive Session is that the high quality of care at our Hospitals is statistically measurable and is indeed there.

The Committee reviewed and approved the Annual Quality and Resource Management Plan for fiscal 1990-91. Dr. Mekhjian and Dr. Smead commented on medical staff activities, and Mr. Fraley reported that the accreditation survey of Dodd Hall, meaning the rehabilitation area, appeared to be quite successful. The formal report from the Commission on Accreditation of Rehabilitation Facilities is expected in approximately six months. I am satisfied, having taken part in that, that we will receive very high praise as a result of that report. The accreditation visit from the Joint Commission on Accreditation of Healthcare Organizations will take place November 6-9, and preparations are underway to ensure that this survey will also be positive.

I would also remind the Board Members that we will be meeting jointly with the Hospitals Board on December 5, and I hope that you will all be there. I am sure that this will be a highly substantive meeting, in contrast to past meetings, and especially given some of the financial circumstances of the Hospitals that I alluded to before. I hope that we will all be there. Thank you, Madam Chairperson, that completes my report.

Mrs. Bowser:

Thank you, Mr. Teaford. As the Chairperson, I want to thank each of you for representing the Board of Trustees at these important meetings. I know it takes time from your busy schedule. We appreciate it.

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### INVESTMENTS COMMITTEE REPORT

Mr. Teaford:

The Investments Committee met both yesterday afternoon and this morning. This morning we heard a report on the Endowment Portfolio, and not surprisingly, given the state of the market, it is down some \$6 million from my last report to you, and \$29 million down since June 30. Those numbers are low because of offsets due to some additions of \$3.5 million in the last month, and \$5.6 million since June 30.

Of our equity managers, only Nicholas-Applegate and Siebel are ahead of the average. On the fixed income side the University's Ginnie Mae portfolio, Duff and Phelps are the only ones above the Shearson Lehman average. I might point out that W.R. Lazard which was hired to match that average has done so.

(See Appendix XX for complete context of The Ohio State University Endowment Summary, September 21, 1990, page 427.)

**INVESTMENTS COMMITTEE REPORT (contd)**

Mr. Teaford: (contd)

We also had the Quarterly Endowment Performance Report and I would commend that to your reading. It does outline how the moneys of the endowment have been expended. I won't go into that, but would recommend that you take a look at that pie chart. This is, interestingly enough to note, the worse period of endowment shrinkage in recent times. But I am satisfied that it is due entirely to the market. Though, when we added the EAFE and the small cap funds to the investments of the University, we probably did it at the worse possible time, because we did it at the top of the market. So that has contributed to the decline somewhat. We must always, when we look at that Endowment Fund, remember that we are in it for the haul that is longer than any of us, and small whips like that do not effect the University in the long run.

Projections for 1991 are that some \$16 million will be distributed from match funds as opposed to some \$14.8 million last year. We also looked at the comparison of the 1, 3, 5, and 10-year performance of the fund, and of all of those, the fund has significantly exceeded the goal, namely of beating inflation. Ranging from 2 to 3 times more earnings than the inflation in the period.

(See Appendix XXI for complete context of The Ohio State University Quarterly Performance Comparison Reports, September 21, 1990, page 439.)

We also had a report on a proposed revision to the report that you now get about the Endowment Fund. In the future the report will include the entire investment pool, including the University Foundation and Transportation and Research Center funds. So you will note this in your report next month.

Finally, at this morning's meeting Mr. Shkurti reported on the Audit of Campaign Contributions. Most significant of those is that the expenditures over the life of the Campaign was \$1.1 million below budget, resulting then to a cost of \$.10 per dollar collected, as opposed to the projected \$.11.

Now I need to report to you on yesterday's meeting. We met with all five fixed income managers of the University. We are extremely pleased with the performance of the managers which we are recommending for 1991. Despite the difficulties of the current markets and such they are doing very well. I would point out, in particular, to you that W.R. Lazard which was hired last year, as I said, to replicate the Shearson Lehman Index was indeed only 1/100th of a percent off from that index and that was on the plus side.

We are, as a result of that meeting, recommending the following resolution:

**REAPPOINTMENT OF FIXED INCOME INVESTMENT ADVISORS**

Resolution No. 91-33

Synopsis: The Investments Committee recommended the Reappointment of Fixed Income Investment Advisors.

WHEREAS it is the policy of The Ohio State University to utilize the services of external Investment Advisors to assist in the management of the University's Endowment Fund; and

October 5, 1990 meeting, Board of Trustees

**REAPPOINTMENT OF FIXED INCOME INVESTMENT ADVISORS (contd)**

WHEREAS the Investments Committee of the Board of Trustees periodically reviews the results obtained by the external Investments Advisors and the amount of funds assigned to each of them; and

WHEREAS the Investments Committee has also directed the Treasurer to maintain University Managed funds which primarily consist of gifts; and

WHEREAS the number of external Investment Advisors and the amount of funds assigned to them and the Treasurer shall be determined by the Board of Trustees:

NOW THEREFORE

BE IT RESOLVED, That upon the recommendation of the Investments Committee of the Board of Trustees the following named external Fixed Income Investment Advisors shall be reappointed to counsel in the management of Endowment Fund Investments totaling the initial amounts indicated:

	<u>Initial Amounts</u>	<u>Market Value as of 9/21/90</u>
Boatmen's Trust Company	\$25,000,000	\$23,329,632
Duff and Phelps Investment Management Company	\$10,000,000	\$10,142,463
W.R. Lazard and Company (Index Fund)	\$10,000,000	\$ 9,888,684
STW Fixed Income Management, Inc.	\$25,000,000	\$23,393,709
University Managed*	\$ 435,813	\$ 289,044
University Managed (GNMA's)	\$10,000,000	\$10,088,124

\*Varies with receipt and sale of gifts.

Mr. Teaford:

I just want to add one thing. You will note that under both Boatmen's and STW they show initial amounts of \$25 million. If you read that, you would think that they had lost money, indeed only \$20 million has ever been allocated to them to date and so as part of this we continue the recommendation from last year that they do receive an additional \$5 million when that is available.

Upon motion of Mr. Teaford, seconded by Mr. Shumate, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**ACADEMIC AFFAIRS COMMITTEE REPORT**

Mr. Kessler:

The Academic Affairs Committee met this morning and received a very interesting report from Dr. Richard Hill on the Development Initiatives in the Colleges. The Committee is recommending the following resolutions:

**NAMING OF NEW WING**

Resolution No. 91-34

Synopsis: The Academic Affairs Committee recommended the naming of a new wing to be constructed at the northwest corner of Campbell Hall in honor of Geraldine Schottenstein.

WHEREAS the Board of Trustees has authority in naming of all buildings and structures at The Ohio State University, as set forth in paragraph (F) of rule 3335-1-08 of the Administrative Code; and

WHEREAS an addition to the building located at 1787 Neil Avenue and known as Campbell Hall is to be constructed to house The Ohio State University's College of Human Ecology historic costume and textiles collection, exhibition gallery and curator space; and

WHEREAS it has been proposed that the new wing be named in honor of Mrs. Jerome (Geraldine) Schottenstein to recognize the substantial support provided to this project by Jerome Schottenstein; and

WHEREAS the President recommended, with the concurrence of the President's staff, that the new wing to be constructed at the northwest corner of Campbell Hall be named "The Geraldine Schottenstein Wing of The Historic Costume and Textiles Collection":

NOW THEREFORE

BE IT RESOLVED, That hereafter the new wing on the northwest corner of Campbell Hall shall be named "The Geraldine Schottenstein Wing of The Historic Costume and Textiles Collection."

Upon motion of Mr. Kessler, seconded by Amb. Wolf, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**THE LEONARD J. IMMKE, JR. AND CHARLOTTE L. IMMKE  
CHAIR IN CANCER RESEARCH**

Resolution No. 91-35

Synopsis: The Academic Affairs Committee recommended changing the "Leonard J. Immke, Jr. and Charlotte L. Immke Chair in Cancer Research Fund" to "The Leonard J. Immke, Jr. and Charlotte L. Immke Chair in Cancer Research" is proposed.

WHEREAS in accordance with the guidelines previously established by this Board, the "Leonard J. Immke, Jr. and Charlotte L. Immke Chair in Cancer Research Fund" was established on June 7, 1985; and

October 5, 1990 meeting, Board of Trustees

**THE LEONARD J. IMMKE, JR. AND CHARLOTTE L. IMMKE  
CHAIR IN CANCER RESEARCH (contd)**

WHEREAS at the time of the establishment of the endowed fund it was agreed that the fund be redesignated "The Leonard J. Immke, Jr. and Charlotte L. Immke Chair in Cancer Research" when the level of funding reached \$1,250,000; and

WHEREAS the level of funding has now reached the level required through unexpended earnings on the original investment:

NOW THEREFORE

BE IT RESOLVED, That the "Leonard J. Immke, Jr. and Charlotte L. Immke Chair in Cancer Research Fund" be changed to "The Leonard J. Immke, Jr. and Charlotte L. Immke Chair in Cancer Research."

Upon motion of Mr. Kessler, seconded by Mr. Shumate, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**PERSONNEL ACTIONS**

Resolution No. 91-36

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the September 7, 1990 meeting of the Board, including the following Concurrent Appointments, Changes in Title, Promotions, Appointment of Chairpersons of Departments, Reappointment of Director of Center, Leaves of Absence Without Salary, Leaves of Absence Without Salary--Continuation, Professional Improvement Leave, Professional Improvement Leaves--Change in Dates, and Emeritus Titles as detailed in the University Budget be approved.

Concurrent Appointments

Name: E. GORDON GEE  
Title: Professor  
College: Law  
Effective: September 1, 1990  
Salary: N/A  
Present Position: President, The Ohio State University

Name: NEIL M. WILKIE  
Title: Visiting Professor (Leonard J. Immke, Jr. and Charlotte L. Immke Chair in Cancer Research)  
College/Department: Medicine Administration/Internal Medicine  
Effective: July 1, 1990  
Salary: N/A  
Present Position: Visiting Professor, College of Medicine Administration and Department of Internal Medicine

**PERSONNEL ACTIONS (contd)**

Changes in Title

Name: DONALD D. GLOWER, SR.  
Title: Vice President  
Office: University Communications and Development  
Effective: Immediately  
Salary: N/A  
Present Position: Acting Vice President for University Communications and Development and Dean, College of Engineering

Name: ROBERT F. REDMOND  
Title: Acting Dean  
College: Engineering  
Effective: October 1, 1990  
Salary: \$123,360.00  
Present Position: Associate Dean/Professor, College of Engineering

Promotions

Name: JOHN W. ELAM  
Title: Special Assistant to the President - University Relations  
Office: Office of the President  
Effective: August 1, 1990  
Salary: \$65,040.00  
Present Position: Assistant Vice President, Office of Personnel Services

Name: PAUL G. LAFYATIS  
Title: Director of Technology Transfers  
Office: Research Foundation  
Effective: September 17, 1990  
Salary: \$62,280.00  
Present Position: Assistant Patent and Copyright Administrator

Appointment of Chairpersons of Departments

October 1, 1990 through June 30, 1992

Black Studies

William T. McDaniel

October 1, 1990 through September 30, 1992

Spanish and Portuguese

Josaphat Kubayanda

October 1, 1990 through June 30, 1994

Mathematics  
Physics

Dijen K. Ray-Chaudhuri  
Frank C. De Lucia

October 5, 1990 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

Reappointment of Director of Center

October 1, 1990 through June 30, 1991

Center for Comparative Studies

Sabra J. Webber\*

\*Acting Director

Leaves of Absence Without Salary

MICHAEL L. BENEDICT, Professor, Department of History, effective Autumn Quarter 1990, Winter Quarter and Spring Quarter 1991, to serve as a visiting professor at the Yale University School of Law.

DIANE W. BIRCKBICHLER, Associate Professor, Department of French and Italian, effective Winter Quarter and Spring Quarter 1991, to accept the Meryl Norton Hearst Professorship of Modern Languages at the University of Northern Iowa.

ROBERT M. KAHN, Associate Professor, Department of Political Science (Mansfield Campus), effective Autumn Quarter 1990, for personal reasons.

EVE R. LEVIN, Associate Professor, Department of History, effective Autumn Quarter 1990, to accept an invitation from the Soviet Academy of Sciences for a research visit in the Soviet Union.

ELMORE T. COLLINS, Assistant Professor, Department of Photography and Cinema, effective Autumn Quarter 1990, Winter Quarter and Spring Quarter 1991, to accept a position at Central Florida State University.

DOLORES M. O'HIGGINS, Assistant Professor, Department of Classics, effective Autumn Quarter 1990, Winter Quarter and Spring Quarter 1991, to complete book-length study.

CRICHTON L. OGLE, Assistant Professor, Department of Mathematics, effective Autumn Quarter 1990, Winter Quarter and Spring Quarter 1991, to do collaborative research at Penn State University.

CHARLES J. QUINN, Assistant Professor, Department of East Asian Languages and Literatures, effective Autumn Quarter 1990, Winter Quarter and Spring Quarter 1991, to accept a Fulbright grant in Japan.

SHELLEY F. QUINN, Assistant Professor, Department of East Asian Languages and Literatures, effective Winter Quarter and Spring Quarter 1991, for personal reasons.

ANNA O. SOTER, Assistant Professor, Department of Educational Studies: Humanities, Science, Technological, and Vocational, effective Winter Quarter, Spring Quarter and Summer Quarter 1991, for personal reasons.

LINDA S. RAPHAEL, Instructor, Department of English, effective Autumn Quarter 1990, Winter Quarter and Spring Quarter 1991, to complete manuscript.

ALAN W. REID, Instructor, Department of Mathematics, effective Autumn Quarter 1990, Winter Quarter and Spring Quarter 1991, to accept a research position in the United Kingdom.

October 5, 1990 meeting, Board of Trustees

### PERSONNEL ACTIONS (contd)

#### Leaves of Absence Without Salary--Continuation

JULIA F. ANDREWS, Assistant Professor, Department of History of Art, effective Autumn Quarter 1990, to accept a position as a Research Scholar with the National Program for Advanced Study and Research in China.

JAMES C. TURNER, Assistant Professor, Department of Mathematics, effective Autumn Quarter 1990 and Winter Quarter 1991, to continue his research at Hampton University.

#### Professional Improvement Leave

JOHN J. LIMA, Associate Professor, College of Pharmacy--Division of Pharmacy Practice, November 1, 1990, through May 31, 1991.

#### Professional Improvement Leaves--Change in Dates

ARNOLD M. ZWICKY, Professor, Department of Linguistics, change leave from Autumn Quarter 1990, Winter Quarter and Spring Quarter 1991, to Autumn Quarter 1990 and Winter Quarter 1991.

CONRAD G. SMITH, Assistant Professor, School of Journalism, change leave from Autumn Quarter 1990, Winter Quarter and Spring Quarter 1991, to Winter Quarter and Spring Quarter 1991.

#### Emeritus Titles

KEITH A. HUSTON, Department of Dairy Science, with the title Professor Emeritus, effective October 1, 1990.

BENSON J. LAMP, Department of Agricultural Engineering, with the title Professor Emeritus, effective July 1, 1990.

HARRY N. DRIER, Center on Education and Training for Employment, with the title Research Scientist Emeritus, effective October 1, 1990.

Upon motion of Mr. Kessler, seconded by Mr. Teaford, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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### RESOLUTIONS IN MEMORIAM

Resolution No. 91-37

Synopsis: The Academic Affairs Committee recommended the approval of Resolutions in Memoriam for James W. Baughman and Maude A. Stewart.

RESOLVED, That the Board adopt the following Resolutions in Memoriam and that the President be requested to convey a copy to the families of the deceased.

October 5, 1990 meeting, Board of Trustees

### RESOLUTIONS IN MEMORIAM (contd)

James W. Baughman

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on September 10, 1990, of James W. Baughman, Professor Emeritus in the Department of Art.

James Baughman received a Masters in Art in 1953 from the University of Berkeley. He joined the faculty of The Ohio State University in 1956. Upon his retirement in 1982, he was named Professor Emeritus.

He served the University in various capacities and his outstanding service to students included his appointment in the Office of Records and Advising in the College of The Arts. James W. Baughman was honored with several awards for his deep understanding and commitment to students.

On behalf of the University community, the Board of Trustees expresses its sympathy and understanding to the family and friends of James W. Baughman. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Maude A. Stewart

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on June 5, 1990, of Maude A. Stewart, Ed.D., Professor Emeritus in the Department of Psychology.

Dr. Stewart was born in Auburn, Nebraska, where she completed her elementary and secondary education, graduating from Auburn High School in 1922. She attended the University of Nebraska studying math, physics, and education; was elected to Phi Beta Kappa; and received her B.S. degree in 1928.

From 1923 until she began post graduate study in 1939, she was a teacher in Nebraska schools, beginning as a rural teacher in the Nemaha County School District. She was also a high school math teacher and counselor in Johnson and in West Point, Nebraska.

She began her graduate studies in 1939 in educational psychology and student personnel at Syracuse University where she received her M.S. in 1941 and her Ed.D. in 1947. During these years, she had several part-time positions at Syracuse including student personnel assistant, acting dean of women, and instructor in education.

In 1947 she was appointed Assistant Professor and Assistant Academic Director of the Student Personnel Training Program at Syracuse University, with responsibilities as teacher and research advisor. Subsequently, she was appointed Associate Professor at Southern Illinois University where she taught techniques of counseling, measurement in public schools, seminars in student behavior problems, statistics, and performed consulting work in the community and schools. In 1957 Dr. Stewart came to The Ohio State University as Associate Professor of Psychology and Director of the Graduate Resident Program in the Dean of Women's Office. This later became the Student Personnel Assistant Program in the Office of Vice Provost for Student Affairs. In 1960, she was promoted to Professor of Psychology. Upon her retirement in 1973, she was named Professor Emeritus.

**RESOLUTIONS IN MEMORIAM (contd)**

Maude A. Stewart (contd)

Dr. Stewart was nationally known and respected for her work in the field of college student personnel and student development. Her commitment to the Student Personnel Assistant Program at The Ohio State University was truly exceptional. The integrated program of work and study in student personnel achieved national visibility as a model program and grew from seven to fifty-seven students under the leadership of Dr. Stewart. Although she devoted much of her time to selecting, orienting, and supervising practicum and internship experiences in the Student Personnel Assistant Program, she was adviser to more than 50 M.A. students and had taught most of the undergraduate and graduate courses in the counseling Psychology program at Ohio State. She also provided volunteer services to many programs in the University and the community.

Among Dr. Stewart's honors and awards were: Phi Beta Kappa, Phi Lambda Theta, and Phi Mu Epsilon. She also was listed in Who's Who in the Midwest, Who's Who of American Education and Who's Who of American Women. Dr. Stewart was twice honored by The Ohio State University's Student Personnel Assistant Program for appreciation of services to the program and its participants. In 1988 the Maude A. Stewart Achievement Award in Student Personnel Work was established. In 1983 the Robinson, Fletcher, Pepinsky and Stewart Endowment Fund was established to support faculty development and faculty and graduate student research primarily in the area of Counseling Psychology.

Dr. Stewart will be remembered by students, colleagues, and friends from her 50-year career as an educator and counselor, for her devotion to them, and to the advancement of college student personnel work and student development.

On behalf of the University, the Board of Trustees expresses to the family its deepest sympathy and sense of understanding in their loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Upon motion of Mr. Kessler, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**STUDENT AFFAIRS COMMITTEE REPORT**

Ms. Paige:

We first heard a report from the Office of Fees and Deposits. The presenters were Jim Nichols, Treasurer, Leonard Copeland, Assistant Treasurer, and Al Rodak, Associate Treasurer.

The Office of Fees and Deposits reported on the Students Services related activities of its Office. This Office collects student fees, processes University deposits and disburses student loan checks. This Autumn Quarter over 60,000 fees were paid, 9,400 checks disbursed and over 16,000 phone calls answered. The Office has expanded its phone services to aid students and has used the fee bill to provide important messages and frequently used phone numbers. The Office has worked with individual colleges to provide specialized services in disbursing loan checks to colleges who are on different class schedules. I wanted to bring this up because the College of Medicine begins school at the end of August, and usually we have to wait

**STUDENT AFFAIRS COMMITTEE (contd)**

Ms. Paige: (contd)

until the undergraduates start school to get our loan checks. But this year the Office of Fees and Deposits personally sorted all of the medical school students' loan checks and made them available to us at the end of August. So, I want to personally thank the Office of Fees and Deposits for that, because it was greatly appreciated by the medical students.

Fees and Deposits is working on several projects for future implementation. These include receiving account balances by phone, payment of fees by phone, using a credit card, and direct credit of student loans to bills without students having to pick up their checks.

Finally, concern was expressed to the burden placed on Ohio State in disbursing guaranteed student loan checks due to restrictive Federal regulations. Ohio State historically has not had a default rate problem. In 1988, our default rate was 3.3 percent, yet regulations affect all institutions, which has caused the University to disburse checks later and more frequently, thus providing greater inconvenience for students. Further restrictions are possible under the proposed Federal budget package. It was brought to our attention that it is proposed that students not be able to get their loan checks until 30 days after the quarter starts. So, that again bring a lot of problems to students. The Office of Fees and Deposits is committed to providing efficient services to the student population.

Next, we heard reports from the student government leaders:

Mr. Steve Sloan:

Thank you, it is good to be here again. This is actually my third year presenting to the Board, but this is my first meeting as the official President of the IPC. It feels quite different now, being responsible for showing some progress in terms of our actions.

I missed the last meeting, but I wanted to let you know that we are quite busy and happy with our progress. Today I wanted to talk about where I want to lead the organization and some of the issues that we will be facing. Recently I was interviewing candidates for a position that we needed to fill and I asked them, "What do you like about being a Buckeye?" I basically asked them that question because a university is a special place for me, and I wanted to make sure that the candidates have the same feeling that I do about this university. I thought about how a professional student would answer that question, and why they might not have the same kind of feelings that an undergraduate student would. I guess there could be several reasons why. First of all, they may have allegiance to their undergraduate institutions already; and therefore, feel they have less to give to OSU. I think there is little you can do about that, but there are other places where the University can take measures to improve the way a professional student feels he/she belongs to OSU.

There are areas where professional students share concerns with all students, and I would like to outline them briefly. They involve the following areas: Traffic and Parking, Libraries, Bookstore, Lincoln Tower (or Fees and Deposits, which we have heard about this morning), Public Safety, and one that is special to us -- the Athletic Ticket Policy.

**STUDENT AFFAIRS COMMITTEE REPORT (contd)**

Mr. Sloan: (contd)

Briefly, we have talked about Traffic and Parking several times. I have heard that it costs \$10,000 per parking spot to build a ramp. We have talked about how much it would cost, but the most frequent thing that professional students bring up is how long it takes to find a parking space. They complain that they spend 20 minutes looking for a space, only to end up parking illegally. I think that it is time that we "bite the bullet" and spend more resources on parking. I think that is probably our biggest priority.

Mr. Teaford:

But what program do you think we ought to cut? Because that is the question --

Mr. Sloan:

I think I'll defer to you on that. The next area is the Athletic Ticket Policy. This is a special issue to professional students. It is one in which the University could take a step to make professional students feel more like a part of this University.

Currently, Undergraduates, as they progress from freshmen to seniors, get better football seats each year. That is not the case for professional and graduate school students at all. Each year they receive no increase in their ranking. As a result, they have terrible seats. Except that there are some schools who have individual arrangements with the people who make the ticket policy -- and I don't know how they did that, but they have done that in the past. There are some schools that have seats all together. The rest of the professional students have terrible seats, year after year.

The University should realize that to make professional students feel more a part of the University -- and thereby having stronger alumni, which may show up as alumni contributors -- they need to treat professional and graduate students more like undergraduate students in terms of the ticket policy.

We have worked a lot on that issue and they tell us it is a very difficult problem. The ticket policy needs to be changed. Maybe the first year you apply for a ticket, you would be treated as a freshmen, and then the fourth year you would be treated as a senior. Then after that, you would have to go through the rotation again. They need to take some kind of step like that.

The next issue is the libraries, particularly the Health Sciences Library. Many in our organization do rely on the Health Sciences Library. As we have mentioned before, many professional schools have calendars that are different from the Undergraduate calendar. Nonetheless, the libraries seem to ignore this fact and they say it is because they can't find student workers. That may be the case, but as a result, it is embarrassing when the Health Sciences Library closes a full two weeks before finals for medical students and a full four weeks before our national boards, which is the most important test these students take. It is the only way that residency programs can compare all medical students across the nation. Our library closes weeks before these boards are given, and then throughout the summer when most medical students are in session and need to use the library, they are open for maybe five hours a day in the middle of the day. This is of great concern to all of us. We would

**STUDENT AFFAIRS COMMITTEE REPORT (contd)**

Mr. Sloan: (contd)

like your support on this issue, because we have been frustrated for three years trying to resolve it.

Dr. Spillman:

I'll check on that.

Mr. Teaford:

You can be assured that we don't find that attractive.

Mr. Sloan:

The next item is the bookstore. This is another issue we have worked on before. The prices both for the law bookstore and the medical bookstore, which encompasses all the professional students, are extremely high. The law students and the vet students have actually gone together and they have saved substantially by getting their books directly from the distributors. I know it is something that the Medical School and the Dental School are considering. The prices are really high and the bookstore assures us that all they do is raise it somewhere around 30-33 percent, I can't remember now. That's fine, that is what they do. As a result though, I pay \$100 for a text book.

Lincoln Tower is a topic we heard discussed already this morning. This is another place where professional students interact directly with the University. By and large, most professional students are satisfied with the Office of Fees and Deposits, except for the special times when we have to come and stand in very long lines. I think the steps that they have made with the health professionals are good, and we hope that that will be extended to all students. I know I have found the phone numbers and paying by mail convenient. I do have one example of a student who paid by mail and never received her paid fee sticker. As a result, she cannot use the University's resources, she cannot get a parking permit, etc., because you have to show the paid fee sticker. When she contacted Fees and Deposits, she was told she had to wait in line for it. If you expect students to take advantage of paying my mail so they won't have to stand in line, then it defeats the purpose if they have to stand in line anyway for the paid fee sticker. We are really happy though with the progress that has been made and we want that to continue.

I think I will just conclude there and say that I am really happy to be President of the IPC and I look forward to working with the other students and the Board. Thank you.

Ms. Benetta Burton:

First let me say, Good Morning. As you know, last month I did not appear before you because I was doing my written exams for my Generals. I am still in that process, so I am going to be very brief.

**STUDENT AFFAIRS COMMITTEE REPORT (contd)**

Ms. Burton: (contd)

I wanted to say first that I appreciate the work and the efforts of the Office of Fees and Deposits to reduce the time that students have to stand in line. I also want to comment about the Athletic Ticket Policy. This was a concern of some of the new graduate students that attended our orientation. They wanted to know how to go about getting football tickets. There was some concern among those who were not able to get them. We do know that there is a low supply of those!

Our orientation program was a success. Associate Dean Jean Dickerscheid and Professors Hogan and Notes gave wonderful addresses, and the people appreciated that. We had a "For Your Information" session and it included topics that were both academic and non-academic. Among the things we covered was academic misconduct this time. That is because some of the graduate students on that committee found, to their surprise, how many graduate students were guilty of academic misconduct. So, we wanted to make these new graduate students aware. We know that some people have not been in the habit of doing papers and might not know how to properly footnote their papers. So, one of the things that we will be doing is featuring the Dulles Writing Center within our Graduate Voice to let them know that there is a service available to them on this campus that will help them in doing their papers.

Our reception was also a big success. This was the third one we have had and there were about 500 people in attendance. The food went faster than we anticipated! I think the advertising helped and also the fact that we had it closer to the end of the week. We did not mean to conflict Rosh Hashanah, but when we scheduled it, we needed a space that could hold 500 to 1000 people. With our limited resources, we found the best place was the Ohio Union. All their weekends were already booked and so the closest day to a weekend was that Thursday. We do believe the fact that it was at the end of the week made it more successful, because earlier in the week people are getting use to the University, etc. We are grateful for the support from the Graduate School and the Office of International Students and to the businesses that supported us.

The council will continue to address the academic calendar issue. I don't know if you read the Lantern on Friday, September 28, which had an article in it concerning the calendar. We will continue to discuss this issue. There were some inaccuracies in the article. One was that it spoke to the discipline needed by students in the quarter system. It really meant the discipline that the traditional semester students must have. Because with so much time to do the work there is a tendency to relax a bit more, instead of working ahead and getting work done. We feel that the traditional semester does require more discipline. Another mistake was that it talked about the reduction in Christmas vacation for students. That is the traditional semester calendar, not the early semester calendar. We favor the early semester calendar. We will be discussing this with the Undergraduate Student Government and they will be polling their constituency to see how they feel about this issue. We basically want the University to consider this issue and we feel that it deserves a well thought-out discussion.

Mr. Teaford:

By an early semester calendar, you mean that you start in August and finish in May?

**STUDENT AFFAIRS COMMITTEE REPORT (contd)**

Ms. Burton:

That is correct.

Ms. Paige:

Thank you. We will now hear from the President of the Undergraduate Student Government.

Mr. Mike Clark:

First, I would like to say that all students, especially Undergraduates, are most appreciative of the efforts that the Office of Fees and Deposits is making. Maybe not everyone is aware of the things that you have been doing, but I think they will see the benefits of the shorter lines in the near future. It seems we are going down the right path in accomplishing that. I realize it is a long goal, but it is good to see that things are being done to address the concerns of students. It's great.

I have just a few issues -- I'd like to keep this short. One of the things that we have been involved with and that we feel is of vital concern to the University and the students is registering to vote and voting in the elections coming up on November 6. The deadline is October 9, which is this coming Tuesday. We felt that by spending most of our time and concentration on a Voter Registration Drive, we could bring much more attention from the State of Ohio to the University by encouraging the students to go out and make a difference and vote. This should show the Ohio politicians that the students are concerned about their tuition, they are concerned about safety and these types of issues.

Our Voter Registration Drive has been going on for about two or three days and we have already registered in excess of 1,000 students. Our goal is 1,500 students by Tuesday, but I think we have the possibility of surpassing that -- maybe up to 2,000. On Wednesday, we had Representative Mike Stinziano and Senator Eugene Watts come and help us kick off our campaign on the Oval. Yesterday afternoon, we had the Secretary of State, Sherrod Brown, come and help us out. Channel 4 and the news media came in and that really helped us out. So, our Legislative Affairs department has really been working overtime. I think the University as a whole will benefit from it. I think it is a good reflection of the student's attitude of trying to make a difference.

The other thing I would like to talk about is campus safety. You are probably going to hear me mention that quite a bit in this next year, because I think it is very important. All facets of the University will be affected by it. I would like to thank the Department of Public Safety for the support they have given us with our radios and our jackets, etc. They are really helping us out.

Also, we are experiencing a 100 per cent increase in the utilization of our escort service itself. I think that is a very good reflection of the University's efforts in increasing the awareness of campus safety issues. I would like to urge the University to continue to increase this awareness. I think we, as students and faculty, are very concerned with this issue.

Lastly, this coming Saturday, we have "Pompon Mania." We will be distributing 90,000 pompons at the football game.

**STUDENT AFFAIRS COMMITTEE REPORT (contd)**

President Gee:

How many?

Mr. Clark:

There will be 90,000 pompons.

President Gee:

I didn't know there were that many pompons in the world!

Mr. Teaford:

You'll see them Saturday.

Mr. Clark:

We do it every year. We are working with Denny Hoobler in the Department of Athletics and we are trying to get the Buckeyes excited about the game tomorrow and to see if we can get our first Big Ten win.

There was one more thing -- I believe this summer we talked about the possibility of some of the members of the Board coming to a President's Council that we are starting up. We are trying to pull all of the student organization leaders together to start sharing ideas, concerns, and issues that they are faced with within the University. We have a tentative date set for the November 14, from 7:00 - 8:00 p.m. I will try to get some more information to you on this. I understand that you are busy and have full schedules, but if you could reserve that date, we would really appreciate it. I think the students would benefit from it as well.

Our primary concern with this is to let the Trustees come and reach out to the students to make them more aware. We feel that a more informed student is a more involved student. At this time, I will entertain questions.

President Gee:

I am sorry for barging in like this, I was listening to the Agricultural Affairs report. There is one thing that I did want to ask about regarding the escort service. There was some question about the legality of expanding the escort service to off campus. I asked Jim Meeks about that and we are looking into it. My own belief is that an escort service off the campus is probably the best opportunity that we have to be effective.

Mr. Tonnies:

Are you having an increase in use all over campus?

**STUDENT AFFAIRS COMMITTEE REPORT (contd)**

Mr. Clark:

Yes we are. Two years ago, we had an average of 5 or 6 escorts an evening. Last year, we averaged 18 or 19. This year, we have been fully operational as of September 24, and we are experiencing between 40 to 50 escorts an evening. So, you can see how much we are increasing.

Dr. Spillman:

And I think as we advertise and have our campaign for personal safety and what have you, that is going to increase even more.

Mr. Teaford:

Do we have the ability to provide more service?

Mr. Clark:

It just takes money.

President Gee:

But I thought it was volunteer.

Mr. Clark:

No, it is not. We pay our students the University minimum wage to provide the escorts in the evening.

President Gee:

Have we thought also of increasing it by adding a volunteer service?

Dr. Spillman:

We have given some thought to that, but there is a dilemma here in that we have had a paid escort service for about five years. We also have the new program that the city will start which is another paid service. I know there is some dialogue going on within some of the fraternities right now. I think that is what we have to try to encourage, but it is not going to be easy to do.

Mr. Jim Meeks:

There are some pocket volunteer services operating. In particular, at the Law School, and I think the Medical School has one, too. But there is some problem setting up a volunteer organization when there is this complimentary paid program going on.

Ms. Paige:

I would like to have the other Student Trustee, David Tonnies, make an announcement at this time.

**STUDENT AFFAIRS COMMITTEE REPORT (contd)**

Mr. Tonnies:

Thank you, Ms. Paige. I would briefly like to announce the new student appointment to Dr. Gordon Gee's President's Council, her name is Elisa Abes. She is a junior in the Honor's Program, majoring in English. The Presidents of the three student governments, Ms. Paige, and myself, nominated several students for this position. Interviews were conducted last night with the candidates, and Ms. Abes was selected from this group. She has been very active in student life at Ohio State. Currently she is the Vice President of Bucket and Dipper, Junior Class Honorary; she has been active in the past with leadership at Ohio State; and she was very influential in bringing Justice Kennedy to the campus who will speak later this month. We believe Ms. Abes will make a wonderful addition to the Council.

Ms. Paige:

Thank you. That completes my report.

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**AGRICULTURAL AFFAIRS COMMITTEE REPORT**

Ms. Casto:

Thank you, Mrs. Bowser. As President Gee stated, the 1990 Farm Science Review was a huge success. President Gee spoke at the Vice President's Luncheon and also the Secretary of Agriculture, Clayton Yeutter, was a special VIP at the Farm Science Review. There were a total of 118,900 visitors and 523 commercial exhibitors.

We then had a report from Dr. Rosanne Fortner, Professor in the School of Natural Resources. She described the School's research and instruction programs in Environmental Resources Information and Education. The faculty members who are specialists in environmental education teach 25 courses and administer sponsored projects worth \$1.3 million. Research and development activities focus on: environmental knowledge and attitude assessment, especially in developing countries; effective methods for dissemination of environmental information; curriculum development for formal and nonformal education; teacher enhancement; global climate change education; and marine and aquatic education.

The School of Natural Resources and its faculty are internationally known for their leadership in environmental education. A number of national and international environmental thrusts have their origin and headquarters at Ohio State. Faculty members have successfully forged cooperative research and instruction links with a number of other units on campus, including the Center for Mapping, the Byrd Polar Research Center, Civil Engineering, the College of Biological Sciences, and the College of Education.

(See Appendix XXII for complete context of Environmental Resources Information and Education (ERIE), page 449.)

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**FISCAL AFFAIRS COMMITTEE REPORT**

Amb. Wolf:

The Fiscal Affairs Committee is recommending the following resolutions:

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS**

Resolution No. 91-38

Synopsis: The Fiscal Affairs Committee recommended the approval of the following reports on contracts, grants, and gifts and the summary for September 1990.

WHEREAS monies are solicited and received on behalf of the University from governmental, industrial, other agencies, alumni, and various individuals in support of research, instructional activities, and service; and

WHEREAS such gifts and grants are received through The Ohio State University Research Foundation, the Engineering Experiment Station of The Ohio State University, and The Ohio State University Development Fund:

NOW THEREFORE

BE IT RESOLVED, That the research agreement between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the reports from the Engineering Experiment Station, The Ohio State University Development Fund during the month of September 1990 be approved.

Upon motion of Amb. Wolf, seconded by Mr. Teaford, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

**SUMMARY FOR AUGUST 1990**

Background

Source	No. of Projects	Support Level
The Ohio State University Research Foundation	143	\$8,052,838.00
Engineering Experiment Station	37	\$ 895,667.00
Total	180	\$8,948,505.00
The Ohio State University Development Fund		
Establishment of Named Funds		
The Bernard R. and Florine C. Ruben Cancer Research Endowment Fund (Support cancer research)		\$ 637,343.75

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**SUMMARY FOR AUGUST 1990 (contd)**

Background (contd)

The Ohio State University Development Fund (contd)

Establishment of Named Funds (contd)

The Everette W. and Rowena R. Travis Scholarship Fund (Scholarships - College of Business)	\$ 450,000.00
The William R. and Doris M. Harris Scholarship Fund in Chemical Engineering (Scholarships - Department of Chemical Engineering)	\$ 100,000.00
The Alice B. and Leo F. Gerber Cancer Research Endowment Fund (Support cancer research)	\$ 86,624.12
The Robert M. Estrich Fellowship Fund (Fellowships for graduates in the Department of English)	\$ 46,470.00
The Janet and Grace Souders Crist Music Scholarship Fund (Scholarships - students of Lancaster or Fairfield County)	\$ 21,100.00
The Cecil and Eloise Robinson 4-H International Programs Fund (Support one or more Ohio delegates to another country on IFYE)	\$ 20,100.00
The Lamp Engineering in Agriculture Endowment Fund (Scholarships - engineering as applied to agriculture)	\$ 18,000.00
The 1987 Senior Class Gift Endowment Fund (Repair and refurbish the Student Unions)	\$ 17,982.00
The Robert L. Wills Memorial Fund (Support activities of the Law Library)	\$ 16,500.99
The Critical Difference for Women Re-entry Scholarship Fund (Scholarships for women returning to school after a break in their education)	\$ 16,355.00

October 5, 1990 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**SUMMARY FOR AUGUST 1990 (contd)**

Background (contd)

The Ohio State University Development Fund (contd)

Establishment of Named Funds (contd)

The Critical Difference for Women -- Minority Women Scholars' Career Support Fund (Support and enhance the career development of minority women students, staff, and faculty)	\$ 15,070.00
The Helen D. Terrill - Hardin County 4-H Endowment Fund	\$ 15,000.00

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION**

Report - August 1990

**Federal Research Contracts/Grants**

\$300,000.00 - Department of the Air Force, Air Force Systems Command, Bolling Air Force Base, D.C., Design and Diagnosis Problem Solving with Multifunctional Technical Knowledge Bases, Department of Computer and Information Science (B. Chandrasekaran), 1 April 1990 through 30 September 1990. (Project 767812 - Continuation)

\$274,115.00 - Environmental Protection Agency, Washington, D.C., Field Assessment of Sludge Metal Bioavailability to Crops: Relative Crop Uptake and Sludge Rate Response, Department of Agronomy - OARDC and Department of Agronomy (T. J. Logan), 16 July 1990 through 15 July 1992. (Project 768455 - New)

\$200,000.00 - National Aeronautics and Space Administration, Washington, D.C., Hypersonic Training and Research, Department of Aeronautical and Astronautical Engineering (J. D. Lee), 1 June 1990 through 31 May 1991. (Project 765979 - Continuation)

\$196,802.00 - Department of Health and Human Services, National Institute of Mental Health, Rockville, Maryland, Restraint Stress: Suppression of Ia Expression, Department of Micro-biology (B. S. Zwilling), 1 August 1990 through 31 July 1991. (Project 767728 - Continuation)

\$170,411.00 - Department of Health and Human Services, National Library of Medicine, Bethesda, Maryland, Computer Based Pathology Consultation Submodule, Department of Pathology (J. W. Smith) and Department of Computer and Information Science (B. Chandrasekaran), 1 September 1990 through 31 August 1991. (Project 764606 - Continuation)

\$165,606.00 - Department of Energy, Argonne, Illinois, Molecular Ferromagnetism, Department of Physics and Department of Chemistry (A. J. Epstein), 1 August 1990 through 31 July 1991. (Project 765592 - Continuation)

\$161,167.00 - Department of Health and Human Services, National Heart, Lung, and Blood Institute, Bethesda, Maryland, Ion Transport by Heart Mitochondria, Department of Physiological Chemistry (G. P. Brierley), 1 September 1990 through 31 August 1991. (Project 760026 - Continuation)

\$160,000.00 - Department of Education, Office of Educational Research and Improvement, Washington, D.C., College Readiness Via Technology-Enhanced Mathematics, Department of Educational Theory and Practice (G. D. Foley and A. Osborne) and Department of Mathematics (B. K. Waits and F. D. Demana), 1 October 1990 through 30 September 1991. (Project 768539 - New)

\$146,613.00 - Department of Health and Human Services, National Institute of General Medical Sciences, Bethesda, Maryland, The Role of alpha-Lactalbumin in Lactose Biosynthesis, Department of Chemistry (L. J. Berliner), 15 August 1990 through 31 July 1991. (Project 768514 - New)

\$140,000.00 - National Science Foundation, Washington, D.C., Engineering Research Center for Net Shape Manufacturing, Engineering Experiment Station (T. Altan), 1 May 1990 through 30 April 1991. (Project 767477 - Continuation)

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$135,593.00 - Department of Health and Human Services, National Institute of Neurological Disorders and Stroke, Bethesda, Maryland, Development of Cerebellar Circuits, Department of Cell Biology, Neurobiology, and Anatomy (J. S. King), 1 September 1990 through 31 August 1991. (Project 760045 - Continuation)

\$133,514.00 - Department of the Air Force, Air Force Systems Command, Bolling Air Force Base, D.C., Xenobiotic Kinetics and Toxicity Among Fish and Mammals, College of Pharmacy (W. L. Hayton), 1 August 1990 through 31 January 1992. (Project 768317 - New)

\$128,846.00 - Department of Health and Human Services, National Institute of Mental Health, Rockville, Maryland, Aromatic L-Amino Acid Decarboxylase Modulation, Department of Pharmacology (N. H. Neff) and Department of Pharmacology and Department of Psychiatry (M. H. Neff), 1 September 1990 through 31 August 1991. (Project 767815 - Continuation)

\$122,441.00 - Department of Health and Human Services, National Heart, Lung, and Blood Institute, Bethesda, Maryland, Cardiac Myocytes and the Cellular Response to Ischemia, Department of Physiological Chemistry (G. P. Brierley and R. A. Altschuld), 30 September 1990 through 29 September 1991. (Project 765733 - Continuation)

\$118,919.00 - Department of Health and Human Services, Food and Drug Administration, Rockville, Maryland, Reproductive Toxicology Models for Testing Gossypol Metabolites and Covalently-Bound Residues, Department of Veterinary Physiology and Pharmacology (Y. C. Lin) and College of Pharmacy (R. W. Brueggemeier), 1 July 1990 through 30 June 1991. (Project 767113 - Continuation)

\$116,700.00 - National Science Foundation, Washington, D.C., Feature Structure Formalisms: Mathematical and Computational Foundations for Linguistic Theory, Department of Linguistics (C. Pollard), 1 July 1990 through 30 June 1991. (Project 768381 - New)

\$110,000.00 - Department of the Army, Army Research Office, Research Triangle Park, North Carolina, Wing-Body Juncture Flows, Department of Aeronautical and Astronautical Engineering (R. J. Bodonyi), 1 August 1990 through 31 January 1992. (Project 768491 - New)

\$108,621.00 - Environmental Protection Agency, Washington, D.C., Selective Catalytic Reduction of Nitrogen Oxides with Ammonia Over Vanadia/Titania Catalysts, Department of Chemical Engineering (U. Ozkan), 1 July 1990 through 30 June 1993. (Project 768415 - New)

\$104,000.00 - Department of Energy, Washington, D.C., Reduction of Pumping Energy Losses in District Heating and Cooling Systems, Department of Chemical Engineering (J. L. Zakin), 16 August 1990 through 15 August 1991. (Project 765571 - Continuation)

\$102,768.00 - Department of Health and Human Services, National Heart, Lung, and Blood Institute, Bethesda, Maryland, Cardiac Characteristics in Copper Deficiency, Department of Human Nutrition and Food Management (D. Medeiros), 1 August 1990 through 31 July 1991. (Project 768104 - Continuation)

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$100,541.00 - Department of Health and Human Services, National Institute of Child Health and Human Development, Bethesda, Maryland, Teenage Decision-Making, Schooling, and Fertility, Department of Economics (D. O. Parsons), 1 August 1990 through 31 July 1991. (Project 767000 - Continuation)

\$100,438.00 - Department of Health and Human Services, National Institute of Diabetes and Digestive and Kidney Diseases, Bethesda, Maryland, Signal Transduction in Gastrointestinal Neurons, Department of Physiology (J. D. Wood), 1 September 1990 through 31 August 1991. (Project 768006 - Continuation)

\$100,000.00 - Department of Agriculture, Science and Education, Washington, D.C., Biochemical Genetics of Capsular Polysaccharide Synthesis in Erwinia stewartii, Department of Plant Pathology - OARDC and Department of Plant Pathology (D. L. Coplin), 1 September 1990 through 31 August 1992. (Project 768529 - New)

\$95,777.00 - International Development Cooperation Agency, Agency for International Development, Washington, D.C., Natural Resources Policy Advisor, U.S. Agency for International Development/Ecuador, Department of Agricultural Economics and Rural Sociology - OARDC and Department of Agricultural Economics and Rural Sociology (D. Southgate) and Department of Agricultural Economics and Rural Sociology (S. R. Thompson), 15 August 1990 through 15 August 1992. (Project 768479 - New)

\$91,170.00 - National Science Foundation, Washington, D.C., Regulation of Microtubule Organizing Center Function, Department of Cell Biology, Neurobiology, and Anatomy (D. D. Vandre), 1 August 1990 through 31 January 1992. (Project 768546 - New)

\$88,200.00 - National Science Foundation, Washington, D.C., Role of the Host Gene in Root Nodule Development, Biotechnology Program (D. P. S. Verma), 1 August 1990 through 31 July 1991. (Project 767707 - Continuation)

\$84,838.00 - Department of the Interior, Geological Survey, Reston, Virginia, Dispersion in Variable Density Flow, Department of Geology and Mineralogy (F. W. Schwartz), 10 August 1990 through 9 August 1993. (Project 768544 - New)

\$83,729.00 - Department of Health and Human Services, National Center for Nursing Research, Bethesda, Maryland, Professional Nurse Traineeship Program, Department of Family and Community Nursing (E. M. Menke), 1 July 1990 through 30 June 1991. (Project 760803 - Continuation)

\$83,468.00 - National Science Foundation, Washington, D.C., Paleomagnetic Studies Designed to Refine the Mesozoic Paleoposition of the Antarctic Peninsula and Test Models of Weddell Sea Opening, Byrd Polar Research Center (K. C. Jezek and A. Grunow), 1 September 1990 through 31 August 1991. (Project 768543 - New)

\$82,172.00 - National Science Foundation, Washington, D.C., A Cooperative Climatological-Glaciological Program in the Antarctic Peninsula -- Phase 1, Byrd Polar Research Center (L. G. Thompson and E. Mosley-Thompson), 1 March 1991 through 29 February 1992. (Project 767075 - Continuation)

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$80,742.00 - Department of Education, Office of Special Education and Rehabilitation Services, Washington, D.C., Inter-disciplinary Master's Graduate Program in Adapted Physical Education in Association with the Nisonger Center, School of Health, Physical Education, and Recreation (P. Jansma), 1 July 1990 through 30 June 1991. (Project 768465 - New)

\$79,986.00 - U.S. Information Agency, Washington, D.C., University Affiliations Program, Office of International Affairs (C. Zacher), 1 September 1990 through 31 August 1993. (Project 768518 - New)

\$74,244.00 - Environmental Protection Agency, Washington, D.C., Scaling Xenobiotic Pharmacokinetic Models in Fish, College of Pharmacy (W. L. Hayton), 23 July 1990 through 22 July 1992. (Project 768316 - New)

\$73,214.00 - National Science Foundation, Washington, D.C., Equipping a New Plant Biology Course for Non-Majors, Department of Plant Biology (R. L. Seymour and D. W. Kramer), 15 August 1990 through 31 January 1992. (Project 768540 - New)

\$70,560.00 - National Science Foundation, Washington, D.C., Completion of Velocity Survey of Ice Stream B and Catchments of Ice Streams B and C, Byrd Polar Research Center and Department of Geology and Mineralogy (I. M. Whillans), 1 October 1989 through 30 September 1990. (Project 766672 - Continuation)

\$68,600.00 - National Science Foundation, Washington, D.C., Study of Gas-Liquid-Solid Fluidization, Department of Chemical Engineering (L. S. Fan), 1 September 1990 through 31 August 1991. (Project 767794 - Continuation)

\$67,375.00 - Department of Health and Human Services, National Institute of Arthritis and Musculoskeletal and Skin Diseases, Bethesda, Maryland, Crystallographic Studies of Troponin C, Department of Chemistry (M. Sundaralingam), 1 September 1990 through 28 February 1991. (Project 768553 - New)

\$66,135.00 - Department of Health and Human Services, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Quantitative Assessment of HIV-Specific Immune Responses, Department of Microbiology and Immunology (C. C. Whitacre), 1 August 1990 through 31 July 1991. (Project 768501 - New)

\$64,449.00 - Department of Health and Human Services, National Cancer Institute, Bethesda, Maryland, Heparin-Binding Growth Factor-1: Structure and Function, Department of Internal Medicine (I. M. Chiu), 15 August 1990 through 31 July 1991. (Project 768535 - New)

\$62,948.00 - Department of Health and Human Services, National Center for Nursing Research, Bethesda, Maryland, Nicotine, Neuroregulators, and Dysphoric States Among Smokers, Department of Life Span Process (M. E. Wewers), 1 August 1990 through 31 July 1991. (Project 766969 - Continuation)

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$62,143.00 - Department of Health and Human Services, National Institute of General Medical Sciences, Bethesda, Maryland, Molecular Organization of a Membrane Protein Complex, Department of Plant Biology and Department of Biochemistry (R. T. Sayre), 1 July 1990 through 30 June 1991. (Project 766849 - Continuation)

\$62,000.00 - National Science Foundation, Washington, D.C., Presidential Young Investigator Award, Department of Physics (G. P. Lafyatis), 1 March 1991 through 28 February 1992. (Project 766988 - Continuation)

\$62,000.00 - National Science Foundation, Washington, D.C., Presidential Young Investigator Award: An Intelligent Planning Environment for Dimensional Inspection, Department of Mechanical Engineering (C. H. Menq), 1 November 1990 through 31 October 1991. (Project 767947 - Continuation)

\$60,000.00 - National Science Foundation, Washington, D.C., Strategies for Subcube Management in a Hypercube Computer with Direct-Connect Communication, Department of Computer and Information Science (T. H. Lal), 15 June 1990 through 31 May 1992. (Project 768492 - New)

\$59,085.00 - Department of the Army, Army Materiel Command, Adelphi, Maryland, Signal Processing Research for Synthetic Aperture Body Resonant Radar, ElectroScience Laboratory, Department of Electrical Engineering (R. D. Moses), 27 July 1990 through 26 July 1991. (Project 768512 - New)

\$51,659.00 - National Science Foundation, Washington, D.C., Tools for Stochastic Analysis of NP-Complete Problems - III, Academic Faculty of Management Sciences (W. T. Rhee), 1 August 1990 through 31 July 1992. (Project 768525 - New)

\$51,199.00 - Department of Health and Human Services, National Cancer Institute, Bethesda, Maryland, Preclinical Pharmacology Investigations of Antitumor Agents, College of Pharmacy (J. Supko), 18 August 1990 through 17 November 1990. (Project 767472 - Continuation)

\$50,000.00 - National Science Foundation, Washington, D.C., Molecular Evolutionary Genetics of Halimeda and Bryopsidalean Algae (Division Chlorophyta), Department of Zoology (L. Hillis), 15 July 1990 through 30 June 1991. (Project 768515 - New)

\$49,682.00 - National Science Foundation, Washington, D.C., Mesozoic and Cenozoic Kinematic Evolution of the Transantarctic Mountains, Byrd Polar Research Center and Department of Geology and Mineralogy (T. J. Wilson), 1 January 1991 through 31 December 1991. (Project 767387 - Continuation)

\$48,700.00 - National Science Foundation, Washington, D.C., An Analysis of Local Circuitry in the Cerebellum, Department of Cellular Biology, Neurobiology, and Anatomy (G. A. Bishop), 1 September 1990 through 31 August 1991. (Project 768541 - New)

\$45,618.00 - Department of Agriculture, Science and Education, Beltsville, Maryland, Agricultural Market Development Opportunities in Asian Pacific Countries, Department of Agricultural Economics and Rural Sociology - OARDC and Department of Agricultural Economics and Rural Sociology (T. L. Sportleder), 1 July 1990 through 30 June 1991. (Project 768448 - New)

October 5, 1990 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$45,598.00 - National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, Robust Control of Linear Uncertain Systems with Applications to Aircraft Control, Department of Aeronautical and Astronautical Engineering (R. K. Yedavalli), 1 August 1990 through 31 July 1991. (Project 768528 - New)

\$44,528.00 - Department of Agriculture, Science and Education, Peoria, Illinois, Cooperative Agricultural Research, Office of the Director - OARDC (N. D. Schmidt and R. F. Edwards), 1 October 1989 through 30 September 1990. (Project 766472 - Continuation)

\$39,001.00 - Department of Health and Human Services, National Cancer Institute, Bethesda, Maryland, Pharmacodynamics of Agents for Bladder Cancer Intravesical Therapy, College of Pharmacy (J. L. Au) and Department of Surgery (M. G. Wientjes), 1 June 1990 through 31 May 1991. (Project 767508 - Continuation)

\$34,000.00 - International Development Cooperation Agency, Agency for International Development, Washington, D.C., Peri-Urban Growth in Sub-Saharan Africa, Department of Agricultural Economics and Rural Sociology (C. E. Cuevas, R. L. Meyer, and D. H. Graham), 10 July 1990 through 31 December 1991. (Project 763301 - Continuation)

\$33,065.00 - Department of Health and Human Services, National Eye Institute, Bethesda, Maryland, Stereoacuity Testing for Amblyopia, College of Optometry (P. P. Schmidt), 1 August 1990 through 31 July 1991. (Project 768496 - New)

\$31,201.00 - Department of the Air Force, Air Force Systems Command, Bolling Air Force Base, D.C., Fundamental Research on Erosion in Magnetoplasmadynamic Thrusters, Department of Mechanical Engineering (V. Subramaniam) 30 September 1990 through 30 March 1991. (Project 766307 - Continuation)

\$30,192.00 - National Science Foundation, Washington, D.C., Collaborative Research: Fort Payne Formation Echinoderms: Systematics, Paleocology, and Regional Synthesis (Lower Mississippian, Midcontinental United States), Department of Geology and Mineralogy (W. I. Ausich), 1 September 1990 through 31 August 1991. (Project 767673 - Continuation)

\$30,000.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Laboratory Studies of Microwave Scattering from Saline Ice, Byrd Polar Research Center (K. C. Jezek), 15 January 1990 through 30 September 1991. (Project 768213 - Continuation)

\$29,400.00 - Department of Health and Human Services, National Institute of Mental Health, Rockville, Maryland, Rural Homelessness in Ohio: A Five-Year Replication Study, College of Social Work (B. Toomey and R. J. First), 1 September 1990 through 31 August 1991. (Project 767819 - Continuation)

\$28,807.00 - Department of the Interior, Geological Survey, Reston, Virginia, IPA Assignment Agreement, School of Natural Resources (D. A. White), 1 September 1990 through 31 August 1992. (Project 768534 - New)

October 5, 1990 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

#### Federal Research Contracts/Grants (contd)

\$28,000.00 - Department of Health and Human Services, National Cancer Institute, Bethesda, Maryland, Synthesis of Jatrophastrone and Related Compounds, Department of Chemistry (L. A. Paquette and T. L. Underiner), 9 August 1990 through 8 August 1991. (Project 768294 - New)

\$27,500.00 - National Foundation on the Arts and Humanities, National Endowment for the Arts, Washington, D.C., Trisha Brown Dance Company, Wexner Center for the Visual Arts - Administration (S. J. Rogers-Lafferty), 1 April 1990 through 31 March 1991. (Project 768549 - New)

\$26,854.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Novel Ultrasonic Techniques for Interface Studies, Department of Welding Engineering (L. Adler), 1 July 1990 through 31 October 1990. (Project 768504 - New)

\$25,000.00 - National Science Foundation, Washington, D.C., Transducers and Measurement Systems Using Ultrasound for Applications in Bioengineering, Department of Mechanical Engineering (M. C. Hastings), 1 October 1990 through 30 September 1991. (Project 768561 - New)

\$24,400.00 - National Science Foundation, Washington, D.C., Random Graphs, Department of Mathematics (B. Pittel), 15 July 1990 through 30 June 1991. (Project 768411 - New)

\$21,381.00 - Department of Health and Human Services, National Heart, Lung, and Blood Institute, Bethesda, Maryland, Cardiac Characteristics in Copper Deficiency, Department of Human Nutrition and Food Management (D. Medeiros), 1 September 1990 through 31 July 1991. (Project 768547 - New)

\$20,748.00 - Department of Health and Human Services, National Institute of General Medical Sciences, Bethesda, Maryland, Immunology - MARC Predoctoral Fellowship, Department of Microbiology and Immunology and Oral Biology (J. F. Sheridan), 1 September 1990 through 31 August 1991. (Project 766363 - Continuation)

\$20,492.00 - National Aeronautics and Space Administration, Washington, D.C., SETI Research, Department of Electrical Engineering (J. D. Kraus) and Instruction and Research Computer Center (R. S. Dixon), 1 April 1990 through 31 March 1991. (Project 764694 - Continuation)

\$20,394.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, Proof-of-Feasibility Development and Analysis of Advanced Circuit Architectures for Intelligent Processing in Communication Systems, Department of Electrical Engineering (S. Bibyk), 1 August 1990 through 2 October 1990. (Project 767914 - Continuation)

\$20,000.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Structure and Dynamics of Bluff Body Wakes, Department of Mechanical Engineering (Y. G. Guezennec), 15 May 1990 through 30 September 1990. (Project 768183 - Continuation)

\$17,800.00 - National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland, Ultraviolet Spectroscopy of Planetary Nebulae: Cosmological Implications, Department of Astronomy (G. J. Ferland, B. M. Peterson, and E. Capriotti), 15 December 1989 through 14 December 1990. (Project 766473 - Continuation)

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$17,635.00 - Department of Education, Office of Special Education and Rehabilitation Services, Washington, D.C., Regional Resource Center, Education Administration (T. M. Stephens and L. Magliocca), 1 June 1990 through 31 May 1991. (Project 766183 - Continuation)

\$16,933.00 - Department of Health and Human Services, National Institute of Dental Research, Bethesda, Maryland, Neuropeptide Regulation of Immunity to Herpes Simplex Virus (HSV), Oral Biology (J. F. Sheridan), 1 August 1990 through 31 July 1991. (Project 768509 - New)

\$15,172.00 - Department of Agriculture, Forest Service, Berkeley, California, The Recreational Opportunity Spectrum and Social Order in Outdoor Leisure Settings, School of Natural Resources (J. L. Heywood), 1 May 1990 through 31 May 1991. (Project 768340 - New)

\$14,847.00 - Department of Education, Washington, D.C., An Investigation of Individual Differences in Clinical Judgments of Mother-Infant Interaction, Division of Speech and Hearing Science (R. A. Fox), 15 July 1990 through 14 July 1991. (Project 768497 - New)

\$13,538.00 - Department of Health and Human Services, National Eye Institute, Bethesda, Maryland, Collaborative Ocular Melanoma Study, Department of Ophthalmology (F. H. Davidorf), 1 August 1990 through 31 July 1991. (Project 765050 - Continuation)

\$11,246.00 - National Science Foundation, Washington, D.C., Cretaceous and Tertiary Strata of the James Ross Basin and the Evolution of the Antarctic Peninsula, Byrd Polar Research Center and Department of Geology and Mineralogy (D. H. Elliot), 1 November 1989 through 31 October 1990. (Project 767154 - Continuation)

\$9,469.00 - Department of the Army, Army Corps of Engineers, Huntsville, Alabama, Prospect Training for United States Army Corps of Engineers, Department of Civil Engineering (J. G. Lyon and C. J. Merry) and Department of Geodetic Science and Surveying (A. Schenk and K. Novak), 30 July 1990 through 31 May 1991. (Project 768274 - Continuation)

\$6,803.00 - Department of Agriculture, Office of International Cooperation and Development, Washington, D.C., Training of Trainers for Agriculture and Rural Development Workshop, County Operations - Ohio Cooperative Extension Service (B. Ludwig), 1 July 1990 through 30 November 1990. (Project 768484 - New)

\$6,315.00 - Department of Health and Human Services, National Heart, Lung, and Blood Institute, Bethesda, Maryland, Small Instrumentation Grant, Oral Biology (S. P. Travers), 1 August 1990 through 31 July 1991. (Project 768524 - New)

\$5,061.00 - National Science Foundation, Washington, D.C., Effects of Ozone on Growth of Sugar Maple (Acer saccharum): Ecophysiological Mechanisms and Genetics, Department of Plant Biology (R. E. J. Boerner), 15 July 1990 through 30 June 1992. (Project 768480 - New)

\$5,000.00 - Department of Health and Human Services, National Eye Institute, Bethesda, Maryland, Small Instrumentation Grant, College of Optometry (R. M. Hill), 1 August 1990 through 31 July 1991. (Project 768500 - New)

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**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$4,800.00 - National Science Foundation, Washington, D.C., Plant Biology Postdoctoral Fellowship, Department of Microbiology (F. R. Tabita), 1 July 1990 through 30 June 1992. (Project 768490 - New)

\$3,000.00 - National Science Foundation, Washington, D.C., Target Interception by Sonar in the Big Brown Bat, Myotis fuscus, Department of Zoology (W. M. Masters), 1 May 1990 through 30 April 1991. (Project 765902 - Continuation)

\$2,107.00 - Department of Health and Human Services, National Cancer Institute, Bethesda, Maryland, Molecular and Functional Analysis of Human Class 1 Heparin-Binding Growth Factor (HBGF), Department of Internal Medicine and Comprehensive Cancer Center (I. M. Chiu), 1 July 1989 through 30 June 1990. (Project 766083 - Continuation)

\$2,000.00 - Department of Agriculture, Office of International Cooperation and Development, Washington, D.C., International Science and Education Council Conference Proceedings: International Agricultural Research, Department of Plant Pathology (C. R. Curtis), 18 September 1989 through 31 December 1990. (Project 767926 - Continuation)

**TOTAL - FEDERAL AWARDS**

**\$6,049,075.00**

**State of Ohio Research Contracts/Grants**

\$240,500.00 - State of Ohio, Department of Education, Columbus, Ohio, Central Vocational Education Personnel Development Regional Center, Department of Agricultural Education (R. K. Barrick and L. H. Newcomb), Department of Educational Studies: Humanities, Science, Technological, and Vocational (A. J. Miller), and Department of Home Economics Education (S. V. Redick), 1 July 1990 through 30 June 1991. (Project 766218 - Continuation)

\$113,546.00 - State of Ohio, Department of Education, Columbus, Ohio, Vocational Education Contracts - A - Vocational Teacher Education, Department of Educational Studies: Humanities, Science, Technological, and Vocational (G. Jarvis), 1 July 1990 through 30 June 1991. (Project 768498 - Continuation)

\$109,817.00 - State of Ohio, Department of Education, Columbus, Ohio, A Vocational Training and Employment Model for Youth with Disabilities: A Guarantee to Sustained Employment, Center on Education and Training for Employment (R. D. Ryan) and Education Administration and Department of Educational Services and Research (L. Magliocca), 1 August 1990 through 31 July 1991. (Project 768516 - New)

\$100,000.00 - State of Ohio, Department of Mental Health, Columbus, Ohio, Expanding Services for Persons with Mental Illness: An Interdisciplinary Collaboration, College of Social Work (R. E. Boettcher), 1 July 1990 through 30 June 1991. (Project 768563 - New)

\$75,760.00 - State of Ohio, Department of Mental Health, Columbus, Ohio, Housing as Housing: The Relationship Between Housing Factors and Community Adaptation in Three Client Groups, Department of Life Span Process (L. C. Dzurec), 1 July 1990 through 30 June 1991. (Project 767534 - Continuation)

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**State of Ohio Research Contracts/Grants (contd)**

\$50,000.00 - State of Ohio, Department of Natural Resources, Columbus, Ohio, Consumer Education Program for Recyclable Packaging, Administration - Ohio Cooperative Extension Service (J. E. Heimlich), 2 August 1990 through 30 June 1991. (Project 768507 - New)

\$45,000.00 - State of Ohio, Department of Mental Health, Columbus, Ohio, ODMH Residency/Traineeship Program, Department of Family and Community Nursing (J. A. Clement), 1 July 1990 through 30 June 1991. (Project 767828 - Continuation)

\$45,000.00 - State of Ohio, Department of Mental Health, Columbus, Ohio, Clinical Social Work with Persons Who Are Deaf/Hearing Impaired, College of Social Work (A. Riemenschneider), 1 July 1990 through 30 June 1991. (Project 768557 - Continuation)

\$30,000.00 - State of Ohio, Department of Natural Resources, Columbus, Ohio, Urban Forestry Curriculum Development Project, School of Natural Resources (D. W. Floyd), 1 October 1989 through 30 September 1991. (Project 768464 - New)

\$21,049.00 - State of Ohio, Board of Regents, Columbus, Ohio, Urban University Program, Research and Graduate Studies Administration (T. L. Sweeney), 1 July 1990 through 30 June 1991. (Project 768468 - Continuation)

\$12,332.00 - State of Ohio, Department of Development, Columbus, Ohio, Sustainable Agriculture Manual, Department of Entomology - OARDC and Department of Entomology (B. R. Stinner), 1 August 1990 through 31 January 1991. (Project 768445 - New)

\$3,106.00 - State of Ohio, Department of Mental Health, Columbus, Ohio, Survey to Assess Key Case Manager Demographics, Support Systems, and Attitudes, Department of Psychology (R. S. Billings), 6 August 1990 through 31 December 1990. (Project 768511 - New)

\$2,800.00 - State of Ohio, Ohio Arts Council, Columbus, Ohio, In Black and White: Dress from the 1920's - Present, Wexner Center for the Visual Arts - Administration (R. Stearns), 1 July 1990 through 31 December 1990. (Project 768552 - New)

**TOTAL - STATE OF OHIO AWARDS** **\$ 848,910.00**

**Industrial Research Contracts/Grants**

\$200,000.00 - Rorer Central Research, Horsham, Pennsylvania, Double-Blind, Multiple-Dose, Dose Escalating Safety Study of Intravenous RG 12915 in Normal Male Volunteers, Department of Pharmacology (G. Apseloff), 1 August 1990 through 1 November 1991. (Project 768506 - New)

\$148,719.00 - Pfizer, Inc., Groton, Connecticut, Phase I Study to Assess the Potential of Sertraline to Alter the Pharmacodynamics and Plasma Protein Binding of Warfarin in Healthy Male Volunteers, Department of Pharmacology (N. Gerber), 1 July 1990 through 30 June 1991. (Project 768527 - New)

\$55,656.00 - Pfizer, Inc., Groton, Connecticut, Phase I Study of the Safety, Tolerantion, and Bioavailability of Two Topical Piroxicam Formulations in Healthy Volunteers, Department of Pharmacology (N. Gerber), 16 May 1989 through 15 May 1990. (Project 765696 - Continuation)

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**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Industrial Research Contracts/Grants (contd)**

\$39,980.00 - Mission Research Corporation, Santa Barbara, California, Unmanned Air Vehicle-Medium Range (UAV) Radome Support, ElectroScience Laboratory, Department of Electrical Engineering (L. W. Henderson and B. A. Munk), 1 July 1990 through 30 November 1990. (Project 768494 - New)

\$39,277.00 - The Dow Chemical Company, Midland, Michigan, How Molecular Structure Influences Thermotropic and Lyotropic Mesomorphism in Hydrated Monoaglycerols, Department of Chemistry (M. Caffrey), 1 June 1990 through 31 May 1991. (Project 768531 - New)

\$25,000.00 and Equipment - George J. Igel & Company, Inc., Columbus, Ohio, Center for Commercialization of Space Membership Agreement, Center for Mapping and Department of Geodetic Science and Surveying (J. D. Bossler), 1 September 1990 through 31 August 1991. (Project 766219 - New) (Approximate Dollar Value - \$10,000)

\$16,425.00 - World Book Encyclopedia, Chicago, Illinois, Graduate Student Practicum 1990-1991, Education Administration (T. M. Stephens), 1 September 1990 through 30 June 1991. (Project 768523 - Continuation)

\$15,000.00 - Calgene, Davis, California, Transformation of Soybean Glycine max) Via Particle Bombardment, Department of Agronomy - OARDC (J. J. Finer), 15 January 1990 through 30 June 1991. (Project 768474 - New)

\$12,350.00 - Xoma Corporation, Berkeley, California, Double-Blind, Randomized, Placebo-Controlled Group Comparative Study of the Safety and Efficacy of Xomen-E5 in Patients with Suspected Gram Negative Sepsis, Department of Internal Medicine (J. F. Plouffe), 1 March 1989 through 31 December 1990. (Project 767379 - Continuation)

\$2,975.00 - Superconductive Components, Inc., Columbus, Ohio, Fabrication of High Temperature Superconducting Films, Department of Physics (T. R. Lemberger), 1 September 1990 through 30 June 1991. (Project 767603 - Continuation)

\$2,250.00 and Equipment - ERDAS, Inc., Atlanta, Georgia, Center for Commercialization of Space Membership Agreement, Center for Mapping (J. D. Bossler), 1 May 1990 through 30 June 1991. (Project 766219 - Continuation) (Approximate Dollar Value - \$45,000)

\$1,500.00 - Horticultural Research Institute, Washington, D.C., Transplanting Container Plants, Department of Horticulture - OARDC (D. K. Struve), 1 January 1990 through 31 December 1990. (Project 768461 - New)

**TOTAL - INDUSTRIAL AWARDS** **\$ 559,132.00**

**Other Non-Federal Research Contracts/Grants**

\$65,037.00 - Florida Institute of Phosphate Research, Bartow, Florida, Beneficiation of High Magnesium Florida Phosphate Deposits by Selective Flocculation, Department of Materials Science and Engineering (Y. Attia), 1 August 1990 through 31 July 1991. (Project 768513 - New)

October 5, 1990 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Other Non-Federal Research Contracts/Grants (contd)**

\$57,760.00 - National Pharmaceutical Council, Inc., Reston, Virginia, Determining the Relationship of Three Compliance Measures with Health Status Among Kidney Transplant Patients, College of Pharmacy (D. S. Pathak), 1 May 1990 through 15 December 1990. (Project 768441 - New)

\$40,000.00 - American Cancer Society, Atlanta, Georgia, Multidrug Resistance Gene Amplification in Methotrexate Resistance, Department of Radiology (R. M. Snapka), 1 July 1990 through 30 June 1991. (Project 765521 - Continuation)

\$38,500.00 - National Dairy Promotion and Research Board, Logan, Utah, Tangential-Flow Microfiltration of Cheese Whey for Manufacturing Whey Protein Concentrate, Department of Food Science and Technology (C. V. Morr), 1 July 1990 through 30 June 1992. (Project 768481 - New)

\$30,000.00 - Columbus Health Department, Columbus, Ohio, Coordination of Patient Services in Clinical Trials, Department of Internal Medicine (M. F. Para and R. J. Fass), 1 July 1990 through 30 June 1991. (Project 768508 - Continuation)

\$30,000.00 - March of Dimes Birth Defects Foundation, White Plains, New York, Genetic Characterization of Novel Elements in Protein Membrane Assembly, Department of Chemistry (R. E. Dalbey), 1 September 1990 through 31 August 1991. (Project 767800 - Continuation)

\$26,838.00 - Capital University, Columbus, Ohio, Student Personnel in Higher Education, Department of Educational Policy and Leadership (L. E. Fitzgerald), 1 August 1990 through 31 May 1991. (Project 768551 - Continuation)

\$25,000.00 - The Cleveland Foundation, Cleveland, Ohio, TLC-OHIO Planning Grant, Education Administration (D. P. Anderson) and Department of Educational Studies: Humanities, Science, Technological, and Vocational (M. L. Scott), 1 July 1990 through 30 June 1991. (Project 768519 - New)

\$25,000.00 - Emergency Medicine Foundation, Dallas, Texas, Characterization of Central Nervous System Free Radical Production Following Global Ischemia and Reperfusion in Swine, Department of Preventive Medicine (J. W. Hoekstra), 1 July 1990 through 30 June 1991. (Project 768530 - New)

\$22,000.00 - Eleven Members of the National Alliance of Community and Technical Colleges, National Alliance of Community and Technical Colleges, Center on Education and Training for Employment (R. D. Ryan), 1 July 1990 through 30 June 1991. (Project 768414 - Continuation)

\$20,000.00 - Diabetes Research and Education Foundation, Inc., Bridgewater, New Jersey, Epidermal Growth Factor and Insulin Receptor Expression in Placentae from Pregnancies Complicated by Maternal Diabetes Mellitus, Department of Obstetrics and Gynecology (D. A. Kniss and M. B. Landon), 1 July 1990 through 30 June 1991. (Project 768517 - New)

\$18,360.00 - Granville Exempted Village Schools, Granville, Ohio, Assist the Granville School Education and Work Program, Center on Education and Training for Employment (R. D. Ryan), 1 August 1990 through 30 April 1991. (Project 768555 - New)

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Other Non-Federal Research Contracts/Grants (contd)**

\$18,000.00 - The Columbus Foundation, Columbus, Ohio, Adapted Toy Library, Nisonger Center (J. Case-Smith), 1 July 1990 through 30 June 1991. (Project 768467 - New)

\$17,129.00 - Ohio Dominican College, Columbus, Ohio, Student Personnel in Higher Education, Department of Educational Policy and Leadership (L. E. Fitzgerald), 15 August 1990 through 15 May 1991. (Project 768542 - Continuation)

\$16,850.00 - Michigan State University, East Lansing, Michigan, Policy Impediments and Opportunities for Expanded Aquaculture in the North Central Region, School of Natural Resources and Department of Natural Resources - OARDC (L. J. Hushak), 1 July 1990 through 30 September 1991. (Project 768510 - Continuation)

\$16,000.00 - Seven Members of the National Consortium of State Career Guidance Supervisors, National Consortium of State Career Guidance Supervisors, Center on Education and Training for Employment (R. D. Ryan), 1 July 1990 through 30 June 1991. (Project 768406 - Continuation)

\$15,000.00 - American Cancer Society, Ohio Division, Inc., Dublin, Ohio, Isolation and Characterization of the 5q-Breakpoint, Department of Internal Medicine (D. E. Thornton), 1 July 1990 through 30 June 1991. (Project 768493 - New)

\$15,000.00 - National Kidney Foundation, Inc., New York, New York, The Effect of Essential Fatty Acid Deficiency on Experimental Glomerulonephritis in Rats, Department of Internal Medicine (B. H. Rovin), 1 July 1990 through 30 June 1991. (Project 768522 - New)

\$13,605.00 - Indiana University, Bloomington, Indiana, Malaysia Cooperative Program, English as a Second Language Program (L. J. Thomas), 11 August 1990 through 6 January 1991. (Project 764972 - Continuation)

\$11,000.00 - American Institute for Cancer Research, Washington, D.C., The Influence of Dietary Fat on Mammary Tumorigenesis and Ras Oncogene mRNA Levels in Mouse Mammary Tumor Virus/ V-Ha-ras Transgenic Mice, Department of Veterinary Pathobiology (J. W. DeWille), 1 May 1990 through 30 April 1991. (Project 768503 - New)

\$10,390.00 - National Association of Trade and Technical Schools, Washington, D.C., Analysis of National Association of Trade and Technical Schools (NATTS) Annual Report Data for Years 1987, 1988, and 1989, Center on Education and Training for Employment (R. D. Ryan), 1 May 1990 through 31 August 1990. (Project 768499 - New)

\$10,000.00 - American Diabetes Association, Ohio Affiliate, Inc., Worthington, Ohio, Placental Insulin-Like Growth Factor Receptors in Pregnancies Complicated by Maternal Diabetes Mellitus, Department of Obstetrics and Gynecology (D. A. Kniss and M. B. Landon), 1 September 1990 through 31 August 1991. (Project 768521 - New)

\$8,798.00 - Cancer Therapy and Research Foundation of South Texas, San Antonio, Texas, SWOG Study 8501, Intraperitoneal Cis-Platinum/Intravenous Cys-Platinum/Intravenous Cyclophosphamide Versus Intravenous Cis-Platinum/Intravenous Cyclophosphamide in Patients with Non-Measurable (Optimal) Disease, Stage III Ovarian Cancer, Department of Pathology (R. O'Toole), 1 October 1989 through 30 September 1990. (Project 765855 - Continuation)

October 5, 1990 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Other Non-Federal Research Contracts/Grants (contd)**

\$8,052.00 - Hamilton Local School District, Columbus, Ohio, Internship Program: Hamilton Local School District, Department of Educational Services and Research (T. E. Heron), 1 April 1990 through 30 June 1990. (Project 768526 - New)

\$8,000.00 - The Devereux Foundation, Devon, Pennsylvania, School Psychology Research Assistant Support, Department of Educational Services and Research (J. Naglieri), 1 October 1990 through 30 June 1991. (Project 768550 - Continuation)

\$7,150.00 - Michigan State University, East Lansing, Michigan, Policy Impediments and Opportunities for Expanded Aquaculture in the North Central Region, School of Natural Resources and Department of Natural Resources - OARDC (L. J. Hushak), 1 May 1989 through 31 December 1991. (Project 767546 - Continuation)

\$6,142.00 - American Diabetes Association, Ohio Affiliate, Inc., Worthington, Ohio, Acute Exercise and the Spontaneously Hypertensive Rat (SHR), Diabetic Rat, School of Health, Physical Education, and Recreation and Department of Veterinary Physiology and Pharmacology (W. M. Sherman), 1 September 1990 through 31 August 1991. (Project 768520 - New)

\$5,000.00 - Bowling Green State University, Bowling Green, Ohio, AIDS Education in Ohio's Colleges and Universities, School of Allied Medical Professions (S. L. Wilson), 1 July 1990 through 30 June 1991. (Project 768156 - Continuation)

\$4,610.00 - American Occupational Therapy Foundation, Rockville, Maryland, Discriminant and Concurrent Validity of the Posture and Fine Motor Assessment of Infants, Nisonger Center (J. Case-Smith and V. L. Reynolds), 1 May 1990 through 15 July 1991. (Project 768488 - New)

\$4,300.00 - Indiana Michigan Power Company, Bridgman, Michigan, Consortium for the Development of Instructor Training Materials for the Electric Power Industry, Center on Education and Training for Employment (R. D. Ryan), 1 November 1989 through 31 January 1990. (Project 767901 - Continuation)

\$2,200.00 - American College of Obstetricians and Gynecologists, Philadelphia, Pennsylvania, Clinical Trials in Gynecologic Oncology, Department of Obstetrics and Gynecology (L. J. Copeland), 1 July 1989 through 30 April 1991. (Project 767936 - Continuation)

**TOTAL - OTHER NON-FEDERAL AWARDS**

**\$ 595,721.00**

**ENGINEERING EXPERIMENT STATION**

**State Sponsored Research and Development**

\$131,000.00 - from Ohio Department of Transportation, Columbus, Ohio, for "Performance of Reinforced Soil Embankment," under the direction of the department of Civil Engineering for the period August 1, 1990 through July 31, 1991. (529858)

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**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**ENGINEERING EXPERIMENT STATION (contd)**

**State Sponsored Research and Development (contd)**

\$34,000.00 - additional budget from Ohio Edison Program, Columbus, Ohio and STB Corporation, Cleveland, Ohio, for "Electrohydraulic Forming," under the direction of the department of Materials Science and Engineering for the period April 1, 1990 through April 31, 1991. (312529, Ext. 1)

\$29,400.00 - additional funding from Ohio Department of Transportation, Columbus, Ohio, for "Rural Technology Transfer Center," under the direction of the department of Civil Engineering for the period January 1, 1990 through December 31, 1990. (529836, Ext. 1)

**TOTAL STATE SPONSORED RESEARCH AND DEVELOPMENT** **\$ 194,400.00**

**Industry and Other Sponsored Research and Development**

\$180,000.00 - from Snow Aviation International, Columbus, Ohio, for "Wind Tunnel Test Program for the Snow 204C Turbopropeller Aircraft," under the direction of the department of Aeronautical and Astronautical Engineering for the period July 15, 1990 through December 31, 1990. (312546)

\$100,000.00 - from various industry for membership in the Engineering Research Center for Net Shape Manufacturing under the direction of the Engineering Experiment Station. (529200)

\$99,600.00 - second year from AT&T Network System, Columbus, Ohio, for "Application of Operations Research in Manufacturing," under the direction of the department of Industrial and Systems Engineering for the period October 1, 1989 through September 30, 1991. (529825, Ext. 1)

\$60,000.00 - from IBM Corporation, Boca Raton, Florida, for "Identification of Noise Sources in Hard Disk Drives," under the direction of the department of Mechanical Engineering for the period June 20, 1990 through June 19, 1991. (529856)

\$60,000.00 - from various industry for membership in the Compact Radar Cross Section Measurement Ranges Research and Development Consortium under the direction of the department of Electrical Engineering. (312884)

\$50,000.00 - from Edison Welding Institute, Columbus, Ohio, for "Computer Aided Tomography of Welds," under the direction of the department of Welding Engineering for the period July 1, 1990 through June 30, 1991. (529392)

\$50,000.00 - from various industry for Associate Membership in the Engineering Research Center for Net Shape Manufacturing under the direction of the Engineering Experiment Station. (529200)

\$45,000.00 - from C P C Group Headquarters, Warren, Michigan, for "Life Cycle Engineering for Serviceability, Reliability and Modularity - Phase I," under the direction of the department of Mechanical Engineering for the period July 1, 1990 through March 31, 1991. (529857)

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**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**ENGINEERING EXPERIMENT STATION (contd)**

**Industry and Other Sponsored Research and Development (contd)**

\$25,667.00 - from various industry for 24 development projects in four departments/research areas of the College.

\$25,000.00 - from Edison Welding Institute, Columbus, Ohio, for "Real Time Radiographic Control of Arc Welding," under the direction of the department of Welding Engineering for the period July 1, 1990 through December 31, 1990. (529391)

\$6,000.00 - from various industry for affiliate membership in the Engineering Research Center for Net Shape Manufacturing under the direction of the Engineering Experiment Station. (529200)

**TOTAL - INDUSTRIAL AND OTHER SPONSORED RESEARCH** **\$ 701,267.00**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND**

**Establishment of Named Funds**

**The Bernard R. and Florine C. Ruben  
Cancer Research Endowment Fund**

The Bernard R. and Florine C. Ruben Cancer Research Endowment Fund was established October 5, 1990, by the Board of Trustees of The Ohio State University, with a gift to The Ohio State University Development Fund from Bernard R. and Florine C. Ruben in memory of their parents, Max and Goldie Ruben and Harry and Suzanne Cowan.

All gifts are to be invested in the University's permanent endowment fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to support cancer research in The Arthur G. James Cancer Hospital and Research Institute as approved by the Director of The Arthur G. James Cancer Hospital and Research Institute and the Vice President for Health Services.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donors.

**The Everette W. and Rowena R. Travis Scholarship Fund**

The Everette W. and Rowena R. Travis Scholarship Fund was established October 5, 1990, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from the estate of Rowena R. Travis of Columbus, Ohio.

All gifts are to be invested in the University's permanent endowment fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Establishment of Named Funds (contd)**

**The Everett W. and Rowena R. Travis Scholarship Fund (contd)**

The annual income shall be used to fund undergraduate scholarships in the College of Business. Scholarship recipients shall be chosen by the Dean of the College of Business, in consultation with the University Committee on Student Financial Aid.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

**The William R. and Doris M. Harris Scholarship Fund  
in Chemical Engineering**

The William R. and Doris M. Harris Scholarship Fund in Chemical Engineering was established October 5, 1990, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from William R. Harris (B.Ch.E. '44) of Pittsburgh, Pennsylvania.

All gifts are to be invested in the University's permanent endowment fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide two or more partial scholarships to upper-classmen in the Department of Chemical Engineering. Recipients shall be chosen by the Chairperson of the Department of Chemical Engineering, in consultation with the University Committee on Student Financial Aid.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

**The Alice B. and Leo F. Gerber  
Cancer Research Endowment Fund**

The Alice B. and Leo F. Gerber Cancer Research Endowment Fund was established October 5, 1990, by the Board of Trustees of The Ohio State University, with a gift to The Ohio State University Development Fund from the estate of Alice and Leo Gerber, (B.S.Ed. '33).

All gifts are to be invested in the University's permanent endowment fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

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**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Establishment of Named Funds (contd)**

**The Alice B. and Leo F. Gerber  
Cancer Research Endowment Fund (contd)**

The annual income shall be used to support cancer research in The Arthur G. James Cancer Hospital and Research Institute, as approved by the Director of The Arthur G. James Cancer Hospital and Research Institute and the Vice President for Health Services.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donors.

**The Robert M. Estrich Fellowship Fund**

The Robert M. Estrich Fellowship Fund was established October 5, 1990, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from Alice E. Estrich of Columbus, Ohio, colleagues, friends and former students in memory of Robert M. Estrich (M.A. English '29, Ph.D. English '35), Professor Emeritus, The Ohio State University, Department of English.

All gifts are to be invested in the University's permanent endowment fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide one or more fellowships for graduate students in the English department of the College of Humanities while writing dissertations for the degree of Doctor of Philosophy. Fellowship recipients shall be chosen by the Dean of the College of Humanities, in consultation with the University Committee on Student Financial Aid.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donors.

**The Janet and Grace Souders Crist  
Music Scholarship Fund**

The Janet and Grace Souders Crist Music Scholarship Fund was established October 5, 1990, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from Janet Souders Crist (M.A., Music '47) of Lancaster, Ohio.

All gifts are to be invested in the University's permanent endowment fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Establishment of Named Funds (contd)**

**The Janet and Grace Souders Crist  
Music Scholarship Fund (contd)**

The annual income shall be used to provide one or more scholarships/fellowships titled "The Janet and Grace Souders Crist Music Scholarship Fellowship" (hereafter referred to as "scholarships").

To be eligible for consideration for such scholarships, students shall be residents of Lancaster or Fairfield County, Ohio (excluding the Pickerington School District) and shall be graduating or have graduated from an accredited high school in Lancaster or Fairfield County, Ohio (excluding the Pickerington School District).

Applicants shall be enrolled or accepted as full-time students in the University and majoring in one or more of the following disciplines within the School of Music: Theory and Composition, Music History and Literature, Music Performance, or Music Education.

Applicants shall be required, in the screening process, to audition before appropriate faculty members of the School of Music. Applicants shall major in one or more of the following specialties: voice, violin, viola, violon-cello, piano, organ, flute, oboe, french horn, trumpet, or trombone.

Applicants shall have achieved an outstanding record of music performance and a high point hour academic average with honor-roll status during their most recent year of school in high school or at the University. Applicants shall have demonstrated leadership ability and good school citizenship. Financial need shall not be a factor in the selection.

The final selection of the recipients shall be made by the Dean of the College of The Arts in cooperation with the Director of the School of Music and in consultation with the University Committee on Student Financial Aid and Janet Souders Crist or her representative.

Scholarships may be awarded to outstanding students for more than one year if they continue to meet all of the qualifications herein set forth. If in any year there are no qualified applicants in the area of music or music education, the unused income shall be reinvested in the fund's principal.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then the income shall be used for awards to outstanding faculty in the College of The Arts or for purposes similar to those specified by the donor, as directed by the Board of Trustees of The Ohio State University.

**The Cecil and Eloise Robinson  
4-H International Programs Fund**

The Cecil and Eloise Robinson 4-H International Programs Fund was established October 5, 1990, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from Cecil Robinson (B.S.Agr.'40) and Eloise Robinson of Delaware, Ohio.

October 5, 1990 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

#### Establishment of Named Funds (contd)

##### The Cecil and Eloise Robinson 4-H International Programs Fund (contd)

All gifts are to be invested in the University's permanent endowment fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to support one or more Ohio delegates to another country on the International 4-H Youth Exchange (IFYE) Representative Program. Selection shall be made by the Ohio 4-H IFYE Selections Committee. If the Representative Program is eliminated, then the income shall be used to support an Ohio delegate as a 4-H international participant in another 4-H international program.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson or program administrative officer in order to carry out the desire of the donors.

##### The Lamp Engineering in Agriculture Endowment Fund

The Lamp Engineering in Agriculture Endowment Fund was established October 5, 1990, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from Mr. and Mrs. B. J. Lamp's sons and their wives: Mr. and Mrs. Wilber H. Lamp, Mr. and Mrs. Russell J. Lamp, Mr. and Mrs. Benson J. Lamp (B.S. Agr. '49, B.Agr.E. '49, M.S., Agr.E. '52), Mr. and Mrs. Harold R. Lamp, and members of their immediate families.

Mr. and Mrs. B. J. Lamp were farmers who did not have the opportunity to attend college. A small scholarship, awarded to the oldest son by the College of Agriculture at The Ohio State University, was a major stimulus for all sons to obtain education beyond high school. It is desired by the donors that the Lamp Endowment, through scholarships, will provide a similar stimulus to others for education in engineering serving agriculture.

All gifts are to be invested in the University's permanent endowment fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to pay part or all of the normal tuition at The Ohio State University for qualified and deserving Ohio high school students desiring to study engineering as applied to agriculture. Priority shall be given to undergraduate students from rural areas who are interested in Machinery Systems. A student may be supported for one or more quarters or years. The Department of Agricultural Engineering will administer all awards made possible by the endowment, in consultation with the University Committee on Student Financial Aid.

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Establishment of Named Funds (contd)**

**The Lamp Engineering in Agriculture Endowment Fund (contd)**

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson or program administrative officer in order to carry out the desire of the donors.

**The 1987 Senior Class Gift Endowment Fund**

The 1987 Senior Class Gift Endowment Fund was established October 5, 1990, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from members of the 1987 graduating class.

All gifts are to be invested in the University's permanent endowment fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to help repair and refurbish the Student Unions. Any income not expended during a year when no repair is needed shall be accumulated for use in future years. Determination of expenditures shall be made by the Director of the Student Unions or the Vice Provost for Student Affairs.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donors.

**The Robert L. Wills Memorial Fund**

The Robert L. Wills Memorial Fund was established October 5, 1990, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from the family and friends of Robert L. Wills (B.A., Arts & Sci. '31, J.D. '34) and from the estate of his widow, Ruth A. Wills, of Columbus, Ohio.

All gifts are to be invested in the University's permanent endowment fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to support the activities of the Law Library of The Ohio State University College of Law.

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Establishment of Named Funds (contd)**

**The Robert L. Wills Memorial Fund (contd)**

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donors.

**The Critical Difference for Women  
Re-Entry Scholarship Fund**

The Critical Difference for Women Re-Entry Scholarship Fund was established October 5, 1990, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from alumni, faculty, staff, and friends in support of The Critical Difference for Women Program.

All gifts are to be invested in the University's permanent endowment fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide one or more scholarships for women returning to school after a break in their education. Students shall be selected upon the recommendation of the Critical Difference Re-Entry Scholarship Committee, and in consultation with the University Committee on Student Financial Aid.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson or program administrative officer in order to carry out the desire of the donors.

**The Critical Difference for Women  
Minority Women Scholars' Career Support Fund**

The Critical Difference for Women Minority Women Scholars' Career Support Fund was established October 5, 1990, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from alumni, faculty, staff, and friends in support of The Critical Difference for Women Program.

All gifts are to be invested in the University's permanent endowment fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

October 5, 1990 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Establishment of Named Funds (contd)**

**The Critical Difference for Women  
Minority Women Scholars' Career Support Fund (contd)**

The annual income shall be used to support and enhance career development of minority women students, staff, and faculty. Examples of possible activities are the establishment of research networks, mentoring programs, and information exchanges. The fund will be administered by the Office of Human Relations in consultation with Women of Color Consortium and The Critical Difference for Women Working Group.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donors.

**The Helen D. Terrill - Hardin County  
4-H Endowment Fund**

The Helen D. Terrill - Hardin County 4-H Endowment Fund was established October 5, 1990, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from Helen D. Terrill (B.S.H.E. '33, M.A., H.E.Ed. '39), Professor Emeritus, Cooperative Extension Service, The Ohio State University, and friends of the Hardin County 4-H Program.

All gifts are to be invested in the University's permanent endowment fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to support the Hardin County 4-H program. This support may include, but is not limited to, the funding of scholarships and awards for 4-H members, volunteer leaders and friends of 4-H; sponsoring of seminars and programs; purchasing materials or services that will supplement 4-H programming or increase visibility and public support for 4-H in Hardin County. All expenditures from this fund shall be approved by the Hardin County 4-H Council.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donors.

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October 5, 1990 meeting, Board of Trustees

**REQUEST FOR CONSTRUCTION BIDS**

Resolution No. 91-39

**MORRILL AND LINCOLN TOWERS UPGRADE - PHASES II, III, AND IV**

Synopsis: The Fiscal Affairs Committee recommended authorization to request construction bids for the Morrill and Lincoln Tower Upgrade - Phases II, III, and IV project.

WHEREAS the Morrill and Lincoln Tower Upgrade - Phases II, III, and IV will repair and upgrade dormitory and auxiliary spaces to improve the quality of life and reduce maintenance costs; and

WHEREAS the total estimated Phase II project cost is \$3,116,000.00, with the estimated construction cost being \$2,852,500.00, with funding provided from Dormitory Revenue, Dormitory Revenue Contingency, and future University bond proceeds; and

WHEREAS the total estimated Phase III project cost is \$4,451,000.00, with the estimated construction cost being \$4,075,000.00, with funding provided from Dormitory Revenue, Dormitory Revenue Contingency, and future University bond proceeds; and

WHEREAS the total estimated Phase IV project cost is \$3,561,000.00, with the estimated construction cost being \$3,260,000.00, with funding provided from Dormitory Revenue, Dormitory Revenue Contingency, and future University bond proceeds:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Acting Vice President for Business and Administration be authorized to request construction bids on this project in accordance with established University procedures, and if satisfactory bids are received, to award contracts, with all action to be reported to this Board at the appropriate time.

Upon motion of Amb. Wolf, seconded by Mr. Kessler, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix XXIII for background material, page 451.)

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**EMPLOYMENT OF ARCHITECTS/ENGINEERS AND  
REQUEST FOR CONSTRUCTION BIDS**

Resolution No. 91-40

**DOAN HALL - IMPROVEMENTS TO WOMEN AND INFANTS PROGRAM AND  
CLINICAL MAGNETIC RESONANCE IMAGING FACILITY - PHASE II**

Synopsis: The Fiscal Affairs Committee recommended authorization to employ architects/engineers and request construction bids for the Doan Hall - Improvements to Women and Infants Program and Clinical Magnetic Resonance Imaging Facility - Phase II projects.

WHEREAS the Doan Hall - Improvements to Women and Infants Program will provide facilities to add two labor and delivery rooms, expand the Neo-natal Care Unit, provide GYN "stepdown" beds, and renovate areas for offices for the Women and Infants Program; and

October 5, 1990 meeting, Board of Trustees

**EMPLOYMENT OF ARCHITECTS/ENGINEERS AND  
REQUEST FOR CONSTRUCTION BIDS (contd)**

**DOAN HALL - IMPROVEMENTS TO WOMEN AND INFANTS PROGRAM AND  
CLINICAL MAGNETIC RESONANCE IMAGING FACILITY - PHASE II (contd)**

WHEREAS the total estimated cost of this project is \$562,000.00, with the estimated construction cost being \$450,000.00, with funding provided from the University Hospitals; and

WHEREAS the Clinical Magnetic Resonance Imaging Facility - Phase II will construct a one-story addition to Means Hall to house the new 1.5 Tesla instrument; and

WHEREAS the total estimated cost of this project is \$2,500,000.00, with the estimated construction cost being \$405,000.00, the estimated steel shielding cost being \$185,000.00, and estimated equipment cost being \$1,800,000.00, with funding provided from University bond proceeds:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Acting Vice President for Business and Administration be authorized to select qualified architectural/engineering firms as necessary for these projects and that the fees for these services be negotiated between the firms selected and the University; and

BE IT FURTHER RESOLVED, That the President and/or Acting Vice President for Business and Administration be authorized to request construction bids on these projects in accordance with established University procedures, and if satisfactory bids are received, to award contracts, with all action to be reported to this Board at the appropriate time.

Upon motion of Amb. Wolf, seconded by Ms. Casto, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix XXIV for background material, page 453.)

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**EMPLOYMENT OF ARCHITECTS/ENGINEERS AND  
REQUEST FOR CONSTRUCTION BIDS**

Resolution No. 91-41

**PROJECTS FUNDED BY SUBSTITUTE HOUSE BILL 808**

Synopsis: The Fiscal Affairs Committee recommended authorization to employ architects/engineers and request construction bids for projects for which funds have been appropriated in Substitute House Bill 808.

WHEREAS Substitute House Bill 808 enacted by the 118th General Assembly made capital appropriations for the following projects at The Ohio State University's Columbus and Regional Campuses for the 1990-1992 biennium:

**EMPLOYMENT OF ARCHITECTS/ENGINEERS AND  
REQUEST FOR CONSTRUCTION BIDS (contd)**

**PROJECTS FUNDED BY SUBSTITUTE HOUSE BILL 808 (contd)**

OARDC - Poultry Research Facility  
ATI - Horse and Farm Management Facility  
Denney Hall - Relocation of Arts and Sciences Honors Program  
Main Library - Roof Replacement, Phase I  
Larkins Hall - Exterior Wall Replacement, Phase I  
Smith Laboratory - Mechanical System, Part A  
Smith Laboratory - Mechanical System, Part B  
Smith Laboratory - Mechanical System, Part C  
Biological Sciences Building Remodeling  
Wiseman Hall Mechanical System Improvements, Part A  
Wiseman Hall Mechanical System Improvements, Part B  
Wiseman Hall Mechanical System Improvements, Part C  
Haskett Hall - Ventilation and Mechanical Systems  
Hopkins Hall - Ventilation and Mechanical Systems  
Communications Lab Demolition  
Agriculture Buildings Lab Renovations  
Campbell Hall Lab Rehabilitation - Phase II  
Robinson Laboratory - Centrifugal Chiller Replacement  
Page Hall - Roof Replacement  
Arps Hall - Masonry Improvements  
Oxley Hall - Masonry Improvements  
Johnston Laboratory - Exterior Masonry Improvements  
Baker Systems Engineering Building - Sealant Replacement  
Haskett Hall - Exterior Masonry Replacement  
Van de Graff Laboratory - Rooftop Mechanical System Replacement  
Animal Science Building - Rooftop Chiller Replacement  
Postle Hall - Animal Facility  
Public Safety Building - HVAC System Improvement  
Integrated Central Alarm Monitoring Upgrade  
Herrick Drive - Road Resurfacing  
19th Avenue (Neil to College) - Road Resurfacing  
Research Center - Entrance Road Resurfacing  
Bevis, Rightmire, and Scott Halls - Structural System Improvements  
University Hall and William Oxley Thompson Library - Elevator Upgrade  
Dakan Hall and Robinson Laboratory - Elevator Replacement  
Exterior Lighting  
Robinson Laboratory - Balcony Remodeling  
Starling-Loving Hall - Roof Replacement  
Converse Hall Remodeling  
West Campus Remodeling  
General Biology Annex - Mechanical System  
Lincoln and Morrill Towers - Site Renovation  
Mirror Lake Hollow Renovations  
Energy Control Modifications  
Lab Animal Center Renovations - Animal Pen  
Lab Animal Center Renovations - HVAC  
Oxley Hall Window Replacement  
Lima Regional Campus - Reed Hall Power Transformer Replacement  
Lima Regional Campus - Galvin Hall Lab Fume Hood Exhaust System  
Lima Regional Campus - Galvin Hall Chiller Improvements

October 5, 1990 meeting, Board of Trustees

**EMPLOYMENT OF ARCHITECTS/ENGINEERS AND  
REQUEST FOR CONSTRUCTION BIDS (contd)**

**PROJECTS FUNDED BY SUBSTITUTE HOUSE BILL 808 (contd)**

Lima Regional Campus - Asphalt Improvements  
Lima Regional Campus - Reed Hall Water Damage  
Mansfield Regional Campus - Concrete Replacement  
Mansfield Regional Campus - Bromfield Hall Facing  
Marion Regional Campus - HVAC Control System  
Marion Regional Campus - Room Improvements  
Marion Regional Campus - Sidewalk Replacement  
Marion Regional Campus - Parking Lot  
Newark Regional Campus - Telecommunications and Data Wiring and Switching System  
Newark Regional Campus - Student Support Service Remodeling  
Newark Regional Campus - Adena Parking Lot Paving and Lighting  
Newark Regional Campus - Parking Lot Lighting Replacement  
Newark Regional Campus - Founders Hall Electrical Upgrade  
ATI - Halterman Hall Renovation  
ATI - Skou Hall Renovation  
ATI - Apple Creek Farm Improvements  
ATI - Miscellaneous Improvements  
OARDC - Wooster Campus Road Resurfacing  
OARDC - Fencing and Roads  
OARDC - Wooster Campus Water System Improvements  
OARDC - Pesticide Storage and Handling Building  
OARDC - Union County Farm Drainage Tile Replacement  
OARDC - Mahoning Farm Renovations  
OARDC - Thome and Gourley Renovation  
OARDC - Northwestern Branch Office and Storage Improvements

WHEREAS the University desires to move forward with these projects authorized by Substitute House Bill 808:

**NOW THEREFORE**

BE IT RESOLVED, That the President and/or Acting Vice President for Business and Administration be authorized to select qualified architectural/engineering firms as necessary for these projects and that the fees for these services will be negotiated between the firms selected and the Department of Administration Services, Division of Public Works, or the University, as appropriate; and

BE IT FURTHER RESOLVED, That the President and/or Acting Vice President for Business and Administration be authorized to request construction bids on these projects in accordance with established University and State of Ohio procedures, and if satisfactory bids are received, to recommend the award of contracts to the Department of Administrative Services, Division of Public Works, or to award contracts, with all action to be reported to this Board at the appropriate time.

Upon motion of Amb. Wolf, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix XXV for background material, page 455.)

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October 5, 1990 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS**

Resolution No. 91-42

**ROOF REPLACEMENTS (ARPS HALL)  
OXLEY HALL REHABILITATION  
MECHANICAL IMPROVEMENTS (GRAVES HALL)  
VETERINARY HOSPITAL IMPROVEMENTS  
BROWN HALL ROOF REPLACEMENT  
RIGHTMIRE HALL RENOVATION - PHASE II, DEMOLITION**

Synopsis: The Fiscal Affairs Committee recommended the Report of Award of Contracts and the Establishment of Contingency Funds for the Roof Replacements (Arps Hall), Oxley Hall Rehabilitation, Mechanical Improvements (Graves Hall), Veterinary Hospital Improvements, Brown Hall Roof Replacement, and Rightmire Hall Renovation - Phase II, Demolition projects.

WHEREAS resolutions adopted by the Board of Trustees on May 4, 1989, authorized the President and/or Vice President for Business and Administration to request construction bids in accordance with established State of Ohio and/or University procedures, and if satisfactory bids were received, to award contracts or recommend the award of contracts, as appropriate, for the following projects: Roof Replacements (Arps Hall), Mechanical Improvements (Graves Hall) and Brown Hall Roof Replacement; and

WHEREAS a resolution adopted by the Board of Trustees on July 11, 1986, authorized the President and/or Vice President for Business and Administration to request construction bids in accordance with established University procedures, and if satisfactory bids were received, to recommend the award of contracts for the following project: Veterinary Hospital Improvements; and

WHEREAS resolutions adopted by the Board of Trustees on February 2, 1990 and March 2, 1990, authorized the President and/or Vice President for Business and Administration to request construction bids in accordance with established University procedures, and if satisfactory bids were received, to award contracts for the following projects: Rightmire Hall Renovation - Phase II, Demolition, and Oxley Hall Rehabilitation:

NOW THEREFORE

BE IT RESOLVED, That pursuant to the actions previously authorized by the Board and upon the recommendation of the Fiscal Affairs Committee, the Report of Award of Contracts and Establishment of Contingency funds for the Roof Replacements (Arps Hall), Oxley Hall Rehabilitation, Mechanical Improvements (Graves Hall), Veterinary Hospital Improvements, Brown Hall Roof Replacement, and Rightmire Hall Renovation - Phase II, Demolition projects is hereby approved.

Upon motion of Amb. Wolf, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix XXVI for background material and tabulation of bids, page 473.)

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**SALE OF REAL PROPERTY**

Resolution No. 91-43

**55.4 ACRES IN SOUTHWEST FRANKLIN COUNTY**

Synopsis: The Fiscal Affairs Committee recommended the approval of the sale of approximately 55.4 acres of land in southwest Franklin County.

WHEREAS The Ohio State University owns approximately 55.4 acres of undeveloped land located in southwest Columbus, Ohio; and

WHEREAS the appraised value of this property is approximately \$249,300.00, and Deltar, Inc., of Columbus, Ohio, has offered to purchase the property for \$325,000.00; and

WHEREAS this property is not needed for University programs and the appropriate University offices have determined that this sale of the property is in the best interest of the University and it is the desire of this Board to accept the offer of Deltar, Inc., and to sell all of the Board's right, title, and interest in this property:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Acting Vice President for Business and Administration be authorized, in the name of the Board of Trustees of The Ohio State University, to sell all of the University's right, title, and interest in this property to Deltar, Inc., at a price of \$325,000.00 upon such terms and conditions as are deemed to be in the best interest of the University.

Upon motion of Amb. Wolf, seconded by Mr. Celeste, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix XXVII for background material and map, page 487.)

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Mr. Scott:

As you know, the Board overtime approved the concept of a preferred provider health care plan for regular faculty and staff on the main campus. We have been working now for the last year and a half to establish a reasonably equivalent plan at the regional campuses and at Wooster. One component of the PPO, of course, is the pharmacy component. We have that in place here for our faculty and staff on the main campus.

In an attempt to round out the PPO for faculty and staff at the regional campuses, OARDC, and, also, the Ag Tech Institute, we requested bid proposals from the pharmacy providers in that area. Twenty-eight companies received the bid specifications. Out of the twenty-eight companies, nine submitted proposals, but only five were judged to be relevant in terms of the standards set forth in the specifications.

October 5, 1990 meeting, Board of Trustees

Mr. Scott: (contd)

The resolution today is to request the authorization for the establishment of a Preferred Provider Pharmacy Program, which complements the already existing medical components at Wooster. We think that this, indeed, will give our faculty and staff at Wooster the equivalent of what our faculty and staff on the main campus already enjoy.

I should tell you, parenthetically, there has been some concern at the regional campuses that they were not getting full benefits, so this should diminish those concerns. At some point in time we should have the network complete for Lima and Mansfield campuses, and we are moving ahead at the Newark campus. That should give all of our faculty and staff, irrespective of geographic location, the equivalent of the program that we have on the main campus. That is the resolution.

Mr. Teaford:

Is the cost to the University roughly the same as the cost to the University for the program here?

Mr. Scott:

That is correct. You ask a very good question. One of the things, Mr. Teaford, that we are also looking at in the pharmacy program for the main campus is the component at University Hospitals. This service is not as effective as it should be and the reason for this is that the numbers of users exceeds our capabilities. It may very well be in time that the administration will want to recommend the inclusion of other pharmacies, based on a bid, so that we can accommodate the needs of our people in a fashion that will be helpful to them.

#### **REGIONAL PREFERRED PHARMACY PROGRAM**

Resolution No. 91-44

**Synopsis:** The Fiscal Affairs Committee recommended the approval of the Regional Preferred Pharmacy Program at regional campus locations.

WHEREAS the University desires to provide reasonably equivalent medical benefit PPO options for the regional campus faculty/staff as compared with main campus faculty/staff; and

WHEREAS hospital and physician PPO arrangements have been implemented at the Wooster/OARDC location and are in progress at the other regional locations; and

WHEREAS a regional pharmacy network provider is needed to complete the regional PPO program; and

WHEREAS after public advertisement, specifications and proposal forms were issued to twenty-eight (28) companies; eight (8) did not respond, eleven (11) declined in writing to quote, and nine (9) submitted proposals of which five (5) were responsive to our specifications; and

WHEREAS the appropriate University offices, and Pharmaceutical Horizons, Incorporated (a pharmacy program consultant firm), have reviewed the proposals and, based on prescription drug pricing, administrative fees, and network service capabilities and associated services, it is the recommendation of the Office of Personnel Services that the best proposal is offered by ValueRx,

**REGIONAL PREFERRED PHARMACY PROGRAM (contd)**

Prescription Drug Price - Average Wholesale Price less 13% discount  
Administrative Services Fee - \$3.75 per prescription  
Dispensing Fee - (included in Administrative Services Fee)

**NOW THEREFORE**

BE IT RESOLVED, That the contract for the program of providing PPO pharmacy services to eligible regional campus faculty and staff be awarded for an eight-month period beginning November 1, 1990, with the pricing, fees, and performance of the provider to be reviewed on July 1, 1991, and annually thereafter. This contract will remain in force after the initial term until the Administration deems it appropriate to recommend review of the designated provider and/or seek a new pricing quotation.

Upon motion of Amb. Wolf, seconded by Mr. Teaford, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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Mrs. Bowser:

Is Senator Suhadolnik with us? We have had a request from you to address the Board, Senator.

Senator Gary C. Suhadolnik:

Thank you, very much. It is kind of funny; normally, it is the other way around. It is kind of a unique circumstance to appear before a committee, but I do appreciate you giving me the opportunity. Also, I'm normally sitting on the other side of the table. Knowing how painful it is to go through long testimony, I will be very brief. But, I thought it was important that I make a personal appearance to express some concerns that I have.

Specifically, it was pointed out to me by someone who wrote a letter to my office that, in fact, there is an Office of Gay, Lesbian, and Bisexual Affairs that has been established at the University. As one who is responsible for setting public policy in the State -- and the University is obviously an arm of that -- I guess that I am rather concerned that somehow we are endorsing, or encouraging, or lending credibility, or giving any stature to a gay, homosexual, and lesbian organization. My concept of equal rights is that equal rights for all means special privileges for none. And so by granting them a special office, somehow you are granting them some special rights.

I don't believe in violence and I don't believe in discrimination. And I am not so naive to believe that gays and homosexuals aren't the subject of some discrimination or possibly some violence maybe right here on campus. But I guess I somehow believe that the current University structures and institutions can deal with that. If there is violence against them, then I would assume that the campus police would be brought in. Just as I heard someone talking about some program here to protect women, I would assume that some program might be established to ensure that certain areas of the campus were made safer, or attempt to make them safer, by putting up some more lights, more police, or whatever might be the need. If professors are discriminating against those groups, I would assume that someone would go to the dean of that particular college and ask them if they would straighten

October 5, 1990 meeting, Board of Trustees

Senator Suhadolnik: (contd)

out the various faculty under their control so there is no discrimination. So I guess I really don't know why we need to set up a separate office for this particular group.

If you are to take this one step further -- certainly there is a group out there that has some believes and a different life style that I don't particularly condone, but there are many other groups out there, and I don't think this University would think twice about them. What if the Nazi's decided -- there might be some members on campus who decided that they were discriminated against, would you set up an office for that? You certainly would not. What about if the Moonies came forward on campus and said they wanted an office because they were discriminated against. Would an office be set up for them? I doubt seriously that it would be. So, I just guess I find this rather shocking that this has happened.

Now, I guess it is my understanding that these are not tax dollars that are subsidizing this office, but, in fact, student fees. Either way, I still have some responsibility for setting public policy, and when there is something that I disagree with, I think I need to let you know. And I come here maybe wearing two hats in that not only am I a State Senator, but I will say a proud father of a student who goes here. I am generally very pleased with the activities and the education here on campus, but this is one area that I have some concerns about. So I thought I needed to express it to you.

I also would say, with all due respect, that I'm not going to go away. So I hope somehow we can resolve this. If not, it just seems as time goes on through Legislative process we bump into Ohio State -- I wouldn't say on a day to day basis, but quite often. So I'm just not going to go away. I think this is a very important issue and I hope somehow we can resolve this.

Mrs. Bowser:

Thank you. I am going to ask Dr. Hutchinson, our Provost, to make a response.

Dr. Hutchinson:

Thank you, Madam Chairperson. Senator, I would point out that this campus has grown and did grow in the period of the 1950's and '60's, very, very rapidly. Presently we have a student body is about 54,000 on this campus. I think that it is obvious that as the campus grew, there was a strong concern that existed to keep it an approachable campus, a place that people could feel that they had an opportunity to participate and be recognized. We also know that much of the social and intellectual development of students occurs outside the classroom. For that reason, most universities have set up a division of student affairs, an office that relates to students and their many activities on the campus outside of the classroom. We have a Vice Provost for Student Affairs, who is responsible for that area and have several offices under the Office of Student Affairs in the whole area of student life.

October 5, 1990 meeting, Board of Trustees

Dr. Hutchinson: (contd)

We have found over the years that an effective way of relating to the large number of students on this campus is to recognize that they come to us in areas of interests, concerns, and needs. We have a variety of offices that have been created over the years to work with Greek organizations, Minority Affairs, and a great many other organizations in the ways that students come together and have concerns. Because it is obvious that society has come to accept that gays, lesbians, and bisexuals have rights and the right to be treated as equals in society, and certainly a university is the place that should exemplify that. Therefore, we did, a little over a year ago, create the Office that the Senator refers to.

It is an Office that has a budget of about \$64,000, a director, and some assistants to work with a large number of students. If one recognizes that the national figures show that approximately 10 percent of our population falls into this category. And if that is true in our student body, and we wouldn't know that necessarily, that is a very large number of students on this campus who we feel responsible to recognize and to work with. And thus the Office was created. We can't say that some State funds are not going towards supporting this Office. Because, in fact, money that comes to my office and then goes out to support this is a blending of funds that come to the institution -- some of which are State funds, some which are tuition, and some of which are student fees. So this we would not want to say is totally funded from students fees, because it is not. Thank you, Madam Chairperson.

Mrs. Bowser:

Thank you. I would like to acknowledge, Senator, that on behalf of the entire Board we have indeed received your letters and have given much thought and consideration to the concerns that you have raised in those letters. You have reaffirmed those concerns this morning, and I want you to know that all of us here at the University -- the Board, as well as the administration -- are very sensitive about the issues that you have raised. We are also aware of and sensitive to the need to ensure that the University has in place appropriate and reasonable programmatic structures to address the diverse interests of our students, faculty, and staff. As the administration moves through this transition period, you can be assured that a more in-depth response will be provided to you with regard to this particular matter. We thank you for appearing before us this morning.

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Thereupon the Board adjourned to meet Friday, November 2, 1990, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio.

Attest:

Madison H. Scott  
Secretary

Shirley D. Bowser  
Chairperson

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**APPENDIX XX**

**THE OHIO STATE UNIVERSITY ENDOWMENT SUMMARY**  
**September 21, 1990**

**Presented to the Investments Committee and  
Adopted by the Board of Trustees, October 5, 1990  
(See page 372)**

**THE OHIO STATE UNIVERSITY**  
**ENDOWMENT FUND**

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**ENDOWMENT SUMMARY**

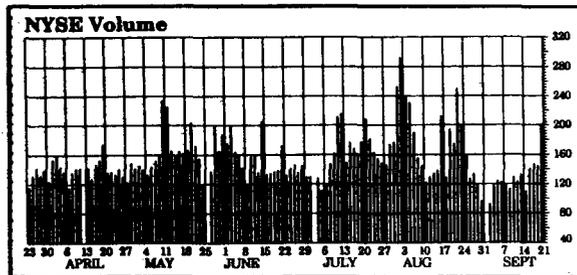
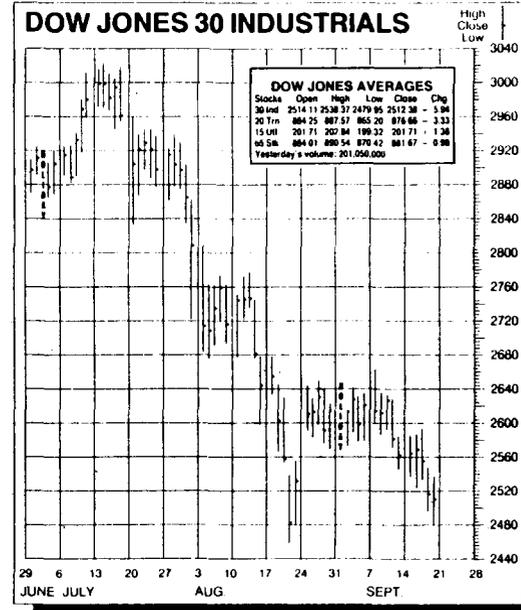
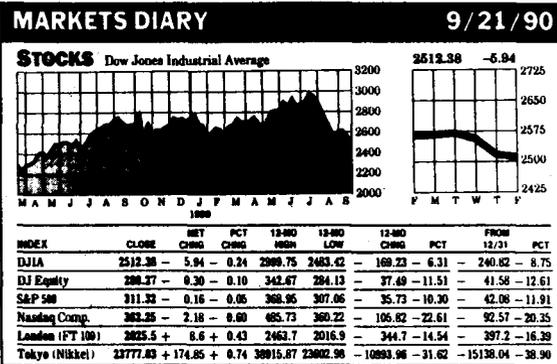
**September 21, 1990**

**Office of the Treasurer**



# The Ohio State University Endowment Fund

## Equity Market Information

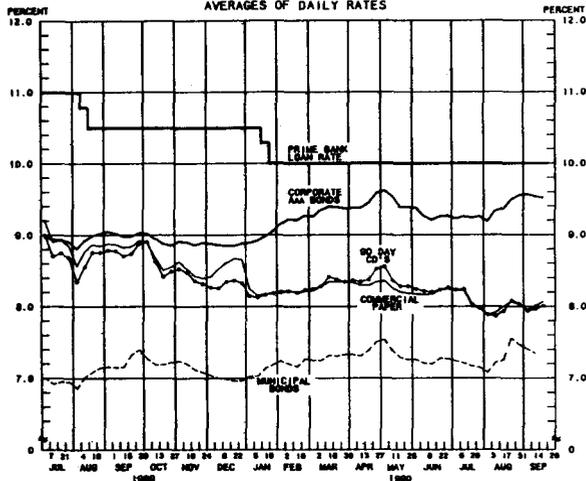


# The Ohio State University Endowment Fund

## Selected Yield and Interest Rates

### YIELDS ON SELECTED SECURITIES

AVERAGES OF DAILY RATES



LATEST DATA PLOTTED ARE AVERAGES OF RATES AVAILABLE FOR THE WEEK ENDING: SEPTEMBER 21, 1980.

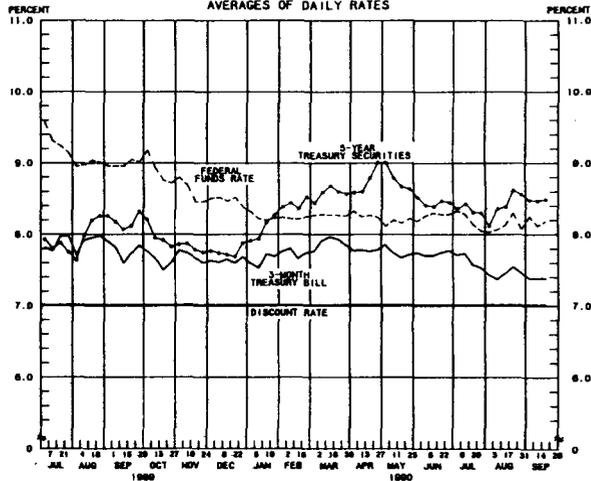
1980	90-DAY CD'S	30-DAY COMM. PAPER	90-DAY BANK ACCEPTANCES	CORPORATE AA BONDS	CORPORATE BA BONDS	MUNICIPAL BONDS
JULY 8	8.24	8.23	7.68	8.23	10.20	7.24
13	8.23	8.23	7.68	8.26	10.23	7.21
20	8.24	8.02	7.52	8.24	10.19	7.17
27	7.94	7.97	7.77	8.26	10.19	7.15
AUG. 3	7.89	7.89	7.62	8.19	10.14	7.08
10	7.87	7.87	7.65	8.34	10.34	7.22
17	7.94	8.01	7.75	8.37	10.38	7.28
24	8.08	8.07	7.80	8.50	10.54	7.38
31	8.04	8.03	7.80	8.58	10.56	7.47
SEP. 7	7.94	7.88	7.68	8.37	10.54	7.41
14	7.87	8.00	7.73	8.54	10.37	7.38
21 W	8.01	8.07	7.78	8.52	10.85	N.A.
28						

NOTE: CURRENT DATA APPEAR IN THE BOARD OF GOVERNORS' H-15 RELEASE.  
 S - AVERAGE OF RATES AVAILABLE  
 M - 90-DAY AVERAGE THREE (3) OF 20 MUNICIPAL BONDS, THURSDAY DATA  
 N.A. - NOT AVAILABLE

PREPARED BY FEDERAL RESERVE BANK OF ST. LOUIS

### SELECTED INTEREST RATES

AVERAGES OF DAILY RATES



LATEST DATA PLOTTED ARE AVERAGES OF RATES AVAILABLE FOR THE WEEK ENDING: SEPTEMBER 21, 1980.

1980	FEDERAL FUNDS RATE	3-MONTH TREASURY BILL	6-MONTH TREASURY BILL	1-YEAR TREASURY SECURITIES	5-YEAR TREASURY SECURITIES	LONG-TERM TREASURY SECURITIES
JULY 8	8.33	7.71	7.60	7.49	8.36	8.36
13	8.29	7.73	7.75	7.53	8.45	8.67
20	8.14	7.87	7.58	7.34	8.31	8.84
27	8.08	7.53	7.40	7.33	8.30	8.85
AUG. 3	8.03	7.43	7.31	7.18	8.12	8.32
10	8.07	7.37	7.19	7.18	8.36	8.91
17	8.15	7.45	7.31	7.22	8.30	8.94
24	8.07	7.37	7.19	7.18	8.32	9.12
31	8.08	7.40	7.48	7.32	8.38	9.08
SEP. 7	8.25	7.38	7.38	7.23	8.48	9.05
14	8.12	7.38	7.34	7.24	8.47	9.04
21 W	8.18	7.58	7.50	7.24	8.49	9.10
28						

NOTE: CURRENT DATA APPEAR IN THE BOARD OF GOVERNORS' H-15 RELEASE EXCLUDING LONG-TERM TREASURY SECURITIES WHICH ARE COMPUTED BY THIS BANK. TREASURY BILL YIELDS ARE ON A DISCOUNT BASIS.  
 S - AVERAGE OF DAILY RATES  
 M - 90-DAY AVERAGES FOR WEEK ENDING TWO DAYS EARLIER THAN DATE SHOWN  
 W - AVERAGE (DISCOUNT)

PREPARED BY FEDERAL RESERVE BANK OF ST. LOUIS

**THE OHIO STATE UNIVERSITY**  
**Portfolio Summary**

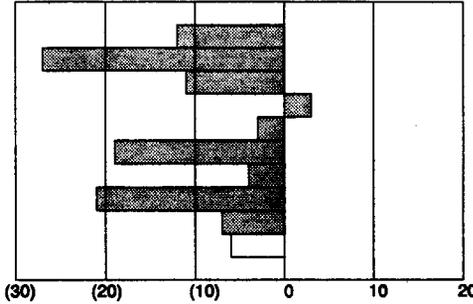
	<u>9/21/90</u>	<u>8/30/90</u>				
Unallocated Cash	\$10,373,992	\$3,075,797				
Equities:						
Chicago	31,992,445	38,632,387				
R. Meeder	10,189,816	13,001,471				
Neuberger & Berman	12,648,270	14,170,710				
Nicholas Applegate	13,173,133	15,494,958				
Siebel	31,584,288	36,744,939				
University Managed	24,829,914	33,379,715				
University Students	4,725,190	5,622,381				
Wells Fargo EAFE	7,680,526	9,088,214				
Wells Fargo S&P 500	26,779,466	30,747,343				
<b>Total Equities</b>	<u>163,581,048</u>	<u>196,882,118</u>				
Fixed Income:						
Boatmen's Trust	21,424,703	23,329,632				
Cambridge	864,635	921,596				
Duff & Phelps	9,963,231	10,142,463				
WR Lazard	9,684,538	9,866,664				
STW Fixed Income	22,153,152	23,393,709				
University GNMA	9,950,892	10,088,124				
University Managed	245,569	269,044				
<b>Total Fixed Income</b>	<u>74,306,520</u>	<u>78,053,252</u>				
Real Estate	43,864,413	43,869,131				
<b>Total Portfolio</b>	<u>\$292,125,973</u>	<u>\$321,880,298</u>				
<b>Asset Allocation</b>	<u>9/21/90</u>	<u>% of Portfolio</u>	<u>8/17/90</u>	<u>% of Portfolio</u>	<u>8/30/90</u>	<u>% of Portfolio</u>
Equities	\$149,924,820	51.32	\$160,582,632	53.73	\$183,784,582	57.09
Fixed Income	73,283,197	25.09	74,158,170	24.81	77,004,000	23.92
Real Estate	43,778,500	14.99	43,778,500	14.65	43,778,500	13.60
Cash	25,139,456	8.60	20,356,323	6.81	17,333,216	5.39
<b>Total</b>	<u>\$292,125,973</u>	<u>100.00</u>	<u>\$298,875,625</u>	<u>100.00</u>	<u>\$321,880,298</u>	<u>100.00</u>

**THE OHIO STATE UNIVERSITY  
Endowment Performance Summary**

**Estimated 12 Month Total Return**

**Equities**

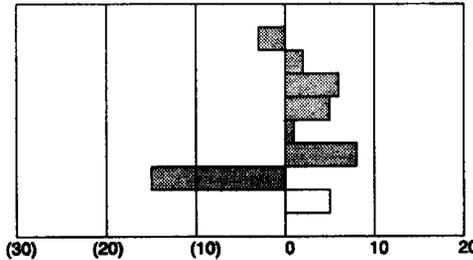
Chicago Corp (0.6)  
R. Meeder (1.9)  
Neuberger & Berman (0)  
Nicholas Applegate (3.8)  
Siebel (39.4)  
University Managed (0)  
University Students (6.4)  
Wells Fargo EAFE (0)  
Wells Fargo S&P 500 (0)  
S&P 500 (0)



	Market Value	Total Return%
Yield%	Change%	
2.4	(14.1)	(11.7)
2.3	(29.4)	(27.1)
2.9	(13.6)	(10.7)
1.2	1.4	2.6
4.3	(7.4)	(3.1)
2.4	(21.1)	(18.7)
1.6	(5.5)	(3.9) [1]
1.9	(23.2)	(21.3) [2]
3.3	(10.7)	(7.4) [3]
3.5	(9.8)	(6.3)

**Fixed Income**

Boatmen's Trust (0.1)  
Cambridge (0.2)  
Duff & Phelps (1.2)  
WR Lazard (0.3)  
STW Fixed Income (1.0)  
University GNMA (6.3)  
University Managed (0)  
Shearson Govt/Corp (0)



	Market Value	Total Return%
Yield%	Change%	
7.3	(9.8)	(2.5)
8.1	(6.1)	2.0
8.5	(2.8)	5.7
8.8	(3.8)	5.0
8.9	(7.9)	1.0
9.6	(1.9)	7.7
17.7	(32.3)	(14.5)
9.1	(4.1)	5.0

( ) Percent Cash 9/21/90

[1] Reflects return from initial allocation February 20, 1990 only.

[2] Reflects return from initial allocation October 2, 1989 only.

[3] Reflects return from initial allocation October 6, 1989 only.

<u>Change in Total Valuation</u>	Year to Date	Latest Month
	July 1, 1990 to September 21, 1990	August 18, 1990 to September 21, 1990
Beginning Market Value	\$321,880,298	\$298,875,825
Principal Additions	5,810,867	3,552,992
Principal Withdrawals	(22,500)	0
Some Reserve	(780,433)	0
Change in Market Value	<u>(34,562,059)</u>	<u>(10,302,844)</u>
Ending Market Value	<u>\$292,125,973</u>	<u>\$292,125,973</u>

NOTE: Endowment Income from July 1, 1990 through September 30, 1990, totaled approximately \$3,637,000.

**THE OHIO STATE UNIVERSITY**  
**Maturities and**  
**Real Estate Activity**

MATURITIES THAT OCCURRED DURING PERIOD

<u>Par Value</u>	<u>Issue, Coupon, Maturity</u>	<u>Advisor</u>
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No maturities during the period.

REAL ESTATE

Acquisitions & Sales

Description

Cost or  
Appraised Value

No activity during the period.

**THE OHIO STATE UNIVERSITY**  
**Equity Acquisitions**

Purchases and Gifts During Period

<u>Number of Shares</u>	<u>Company</u>	<u>Advisor</u>	<u>Price/Share</u>	<u>Investment</u>	<u>Annual Dividend</u>
3,700	American Information Technologies Corp.	Chicago	54.4173	\$201,584.50	\$11,692.00
8,300	Durr Fillauer Medical, Inc.	Chicago	23.6524	196,315.20	2,490.00
11,400	Hon Industries, Inc.	Chicago	17.6603	201,327.00	3,420.00
1,300	Lincoln Telecommunications, Inc.	Chicago	25.1250	32,662.50	982.00
2,000	Microsoft Corp.	Chicago	60.7352	121,470.40	0.00
4,300	NACCO Industries, Inc.	Chicago	46.0320	198,217.00	2,580.00
2,300	Pacific Telecom, Inc.	Chicago	25.6800	59,064.00	2,530.00
5,400	Pacific Telesis Group, Inc.	Chicago	38.7848	209,680.60	10,908.00
6,400	Tandy Corp.	Chicago	29.0615	186,409.60	3,840.00
10,700	Western Waste Industries, Inc.	Chicago	18.8923	202,147.10	0.00
7,600	Chemical Waste Management, Inc.	Nicholas-Applegate	21.0139	160,161.50	1,216.00
7,500	Chiron Corp.	Nicholas-Applegate	34.9267	261,950.00	0.00
1,700	ConAgra, Inc.	Nicholas-Applegate	32.4538	55,273.13	1,020.00
12,200	Genentech, Inc.	Nicholas-Applegate	26.1676	319,977.08	0.00
7,100	General Motors Corp. Cl. E	Nicholas-Applegate	34.4142	244,767.10	3,976.00
5,900	Humana, Inc.	Nicholas-Applegate	44.2207	261,256.30	7,080.00
3,500	Novell, Inc.	Nicholas-Applegate	25.1250	87,937.50	0.00
7,300	Pittson Co.	Nicholas-Applegate	19.7090	144,313.80	1,480.00
4,400	Reynolds Metal Co.	Nicholas-Applegate	65.3965	288,008.44	7,920.00
2,300	Southwest Airlines Co.	Nicholas-Applegate	24.2500	55,913.00	230.00
15,000	Geraghty & Miller, Inc.	Siebel	10.0000	150,000.00	0.00
5,000	Horsehead Resource Development, Inc.	Siebel	13.2500	66,250.00	0.00
5,000	Mobil Corp.	University Students	62.5000	312,800.00	14,500.00
				<u>\$4,017,485.95</u>	<u>\$75,624.00</u>

**THE OHIO STATE UNIVERSITY**  
**Equity Sales**

Sales Made During Period

<u>Number of Shares</u>	<u>Company</u>	<u>Advisor</u>	<u>Price/Share</u>	<u>Total Sale</u>	<u>Gain (Loss)</u>
11,576	Archer Daniels Midland Co.	Chicago	23.8350	\$275,152.32	\$127,700.50
5,600	Borden, Inc.	Chicago	31.5240	178,164.51	149,717.84
4,400	Cincinnati Bell, Inc.	Chicago	20.1150	88,217.24	20,230.20
2,000	Clorox Co.	Chicago	38.5920	77,051.42	14,871.42
2,100	General RE Corp.	Chicago	72.0660	151,197.05	(33,882.75)
4,500	Georgia Pacific Corp.	Chicago	39.0400	175,381.46	(12,223.54)
11,200	Gerber Scientific, Inc.	Chicago	7.7528	88,100.88	(125,562.74)
5,181	Hubbell, Inc. Cl. B	Chicago	40.0000	206,896.33	37,437.37
2,600	Sonoco Products Co.	Chicago	27.0000	70,200.00	(10,430.95)
5,800	Southern NE Telecommunications Corp.	Chicago	29.0059	167,851.48	8,444.78
7,200	Wal-Mart Stores, Inc.	Chicago	28.6141	205,546.92	100,120.92
10,200	Banc One Corp.	Nicholas-Applegate	23.4249	238,313.71	(89,291.05)
3,700	Costco Wholesalers Corp.	Nicholas-Applegate	34.8784	129,050.01	44,088.50
3,200	Federal National Mortgage Assn.	Nicholas-Applegate	28.3074	90,388.75	(38,426.52)
3,300	Fluor Corp.	Nicholas-Applegate	35.7905	117,906.64	36,472.71
5,100	Home Depot, Inc.	Nicholas-Applegate	33.4798	170,435.39	112,313.75
9,200	Primerica Corp.	Nicholas-Applegate	24.3123	223,113.83	(55,717.01)
10,550	Toys-R-Us, Inc.	Nicholas-Applegate	25.1669	264,869.35	85,403.40
3,375	Waste Management, Inc.	Nicholas-Applegate	33.3260	112,289.00	(14,715.38)
7,198	Wheelabrator Technologies, Inc.	Nicholas-Applegate	38.4356	276,850.19	0.00
10,000	American Stores Co.	Siebel	58.4100	583,381.19	14,314.08
5,000	Hilton Hotels Corp.	Siebel	33.0000	164,844.50	(124,555.50)
15,000	Rochester Telephone Co.	Siebel	27.0160	404,177.19	(101,247.81)
20,000	Tandem Computers, Inc.	Siebel	11.3050	226,092.41	(137,545.59)
10,000	United States Shoe Corp.	Siebel	12.8250	125,545.79	(98,534.21)
				<u>\$4,788,597.54</u>	<u>(\$89,019.58)</u>

**THE OHIO STATE UNIVERSITY**  
**Fixed Income Acquisitions**

Purchases and Gifts During Period

<u>Par Value</u>	<u>Issue, Coupon, Maturity</u>	<u>Advisor</u>	<u>Current Yield</u>	<u>Yield to Maturity</u>	<u>Price</u>	<u>Investment</u>
1,050,000	Federal Home Loan Mortgage Series 191 7.000% 09-15-21	Boatmen's	8.8423	9.0060	79.1650	\$831,232.50
2,055,000	Resolution Funding Corp. 8.875% 07-15-20	STW	9.2841	9.3120	95.5937	1,964,451.56
2,325,000	U.S. Treasury Bond 7.250% 05-15-16	STW	8.8460	9.0710	81.9582	1,905,527.34
3,300,000	U.S. Treasury Bond 7.500% 11-15-16	STW	8.9336	9.1190	83.9531	<u>2,770,453.13</u>
						<u><u>\$7,471,664.53</u></u>

**THE OHIO STATE UNIVERSITY**  
**Fixed Income Sales**

Sales Made During Period

<u>Par Value</u>	<u>Issue, Coupon, Maturity</u>	<u>Advisor</u>	<u>Price</u>	<u>Total Sale</u>	<u>Gain (Loss)</u>
956,081	USGI FHA Pool #2024 7.880% 05-01-17	Boatmen's	88.9000	\$849,956.16	\$30,116.39
2,178,000	Resolution Funding Corp. 8.125% 10-15-19	STW	88.1370	1,919,623.86	(108,373.64)
4,000,000	U.S. Treasury Bond 10.750% 08-15-05	STW	112.9121	<u>4,516,484.38</u>	<u>(315,706.69)</u>
				<u>\$7,286,064.40</u>	<u>(\$393,963.94)</u>

**THE OHIO STATE UNIVERSITY**  
**Real Estate Investments**

	<u>Yield</u>	<u>Year</u> <u>Acquired</u>	<u>Carrying</u> <u>Value</u>	<u>Appraised</u> <u>Value</u>	<u>Date</u> <u>Appraised</u>
Busch Boulevard Centre	9.36%	1990	\$4,275,000	\$4,275,000	10/89
46.984 acres of land in Delaware County	0.55%	1971	100,793	641,000	06/89
Hangar at Don Scott Field (Loan)	0.00%	1973	21,999 (1)	21,999	N/A
Hangar addition at Don Scott Field (Loan)	10.00%	1978	63,914 (1)	63,914	N/A
17.92 acres of land on Eiterman Road	0.00%	1978	25,152	725,000	05/88
51 acres of land, 2809 West Granville Road	0.00%	1962	160,265	2,896,000	06/89
48.52 acres of land, 3025 West Granville Road	0.00%	1972	544,398	4,367,000	06/89
76.143 acres of land, 3253 West Granville Road	0.03%	1968	310,538	6,853,000	06/89
30.539 acres of land, 3371 West Granville Road	0.00%	1971	265,079	2,749,000	06/89
32 acres of land, 3371 West Granville Road	0.19%	1986	2,078,688	2,880,000	06/89
12 acres of land, 3483 West Granville Road	0.00%	1965	24,000	1,080,000	06/89
8.557 acres of land, 3505 West Granville Road	0.00%	1968	17,114	770,000	06/89
Undivided one-half interest in building and .65 acres at 1375 South Hamilton Road	2.94%	1988	95,000	95,000	01/86
94.5 acres of land on Harrisburg Pike	0.00%	1988	190,000	283,000	06/89
Building and 2.633 acres at 1900 Kenny Road	21.84%	1961	659,930	1,250,000	06/89
Building and 6.41 acres at 1960 Kenny Road	17.36%	1971	1,320,693	2,500,000	06/89
Building and 6.328 acres at 1991 Kenny Road	8.81%	1968	170,000	696,000	06/89
Building and 3.295 acres at 930 Kinnear Road	7.97%	1962	435,204	1,550,000	06/89
Building and 5.56 acres at 1100 Kinnear Road	3.74%	1984	825,000	2,850,000	06/89
20.988 acres of land on Shier-Rings Road	0.00%	1978	241,848	1,155,000	08/89
Veterans Administration Clinic	8.08%	1979	3,767,261	6,383,500	06/90
			<u>\$15,591,854</u>	<u>\$43,864,413</u>	

(1) Amount represents balance on loan made to Department of Aviation

**APPENDIX XXI**

**THE OHIO STATE UNIVERSITY  
QUARTERLY PERFORMANCE COMPARISON REPORTS  
September 21, 1990**

**Presented to the Investments Committee and  
Adopted by the Board of Trustees, October 5, 1990  
(See page 373)**

**THE OHIO STATE UNIVERSITY**  
**ENDOWMENT FUND**

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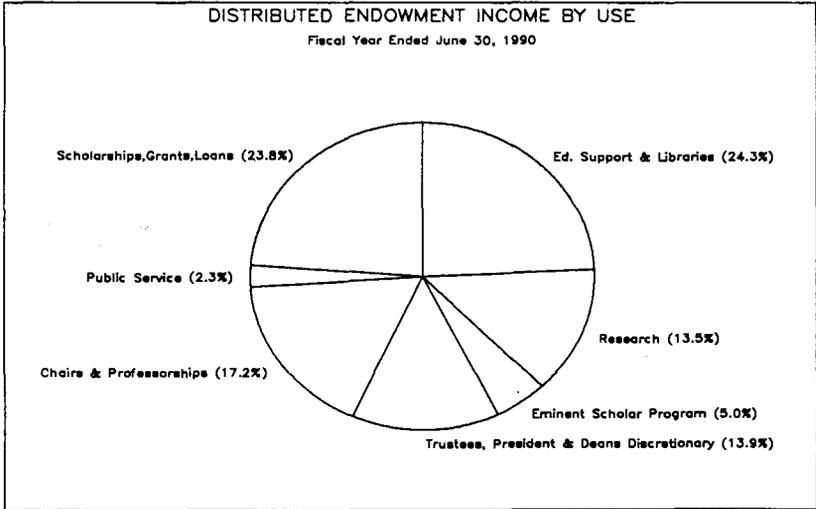
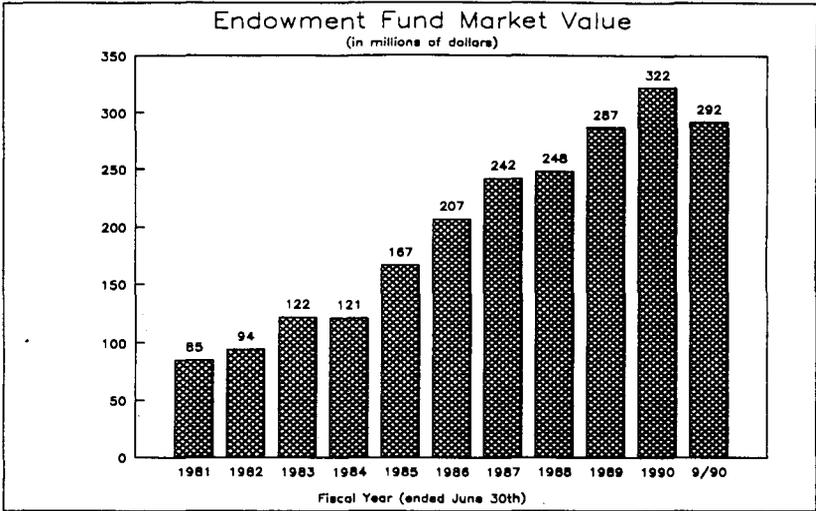
**QUARTERLY PERFORMANCE**  
**COMPARISON REPORTS**

**Period Ended September 21, 1990**

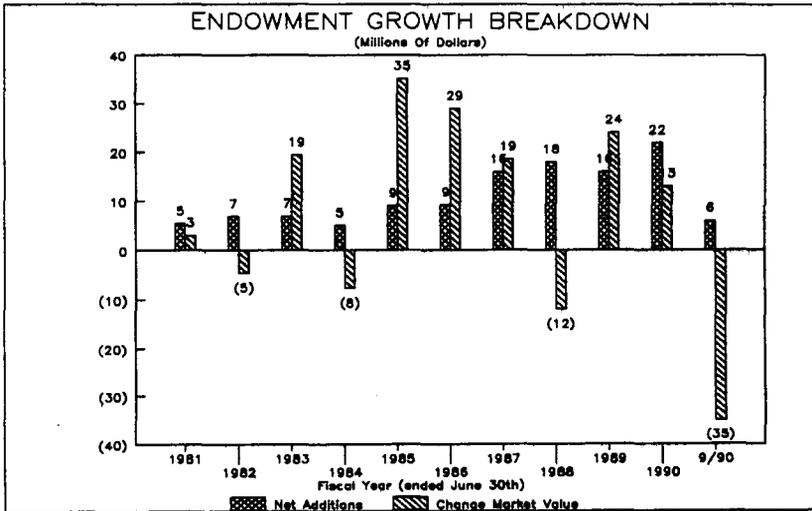
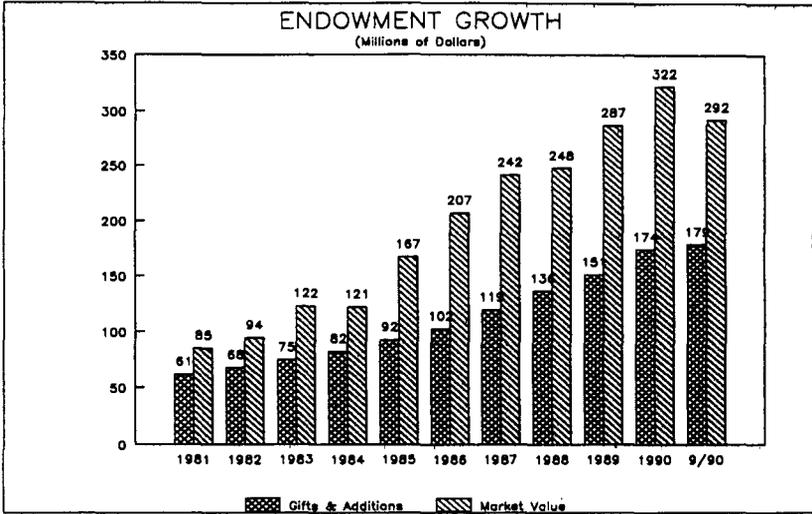
**Office of the Treasurer**



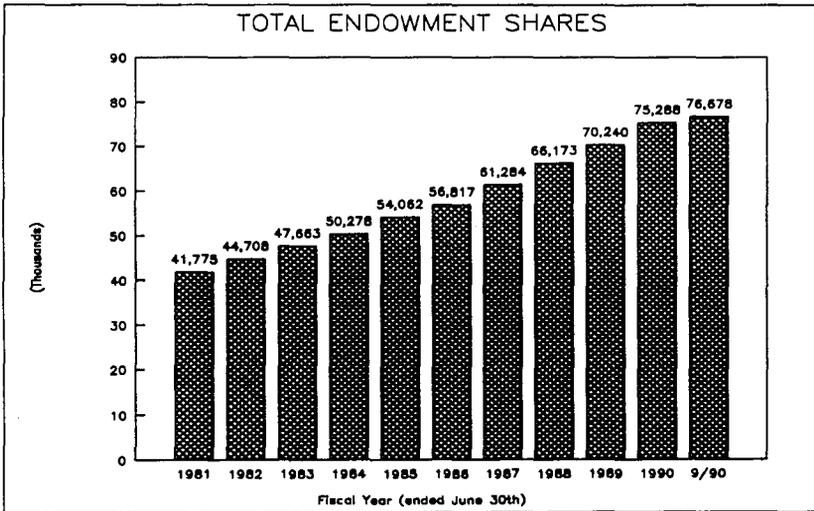
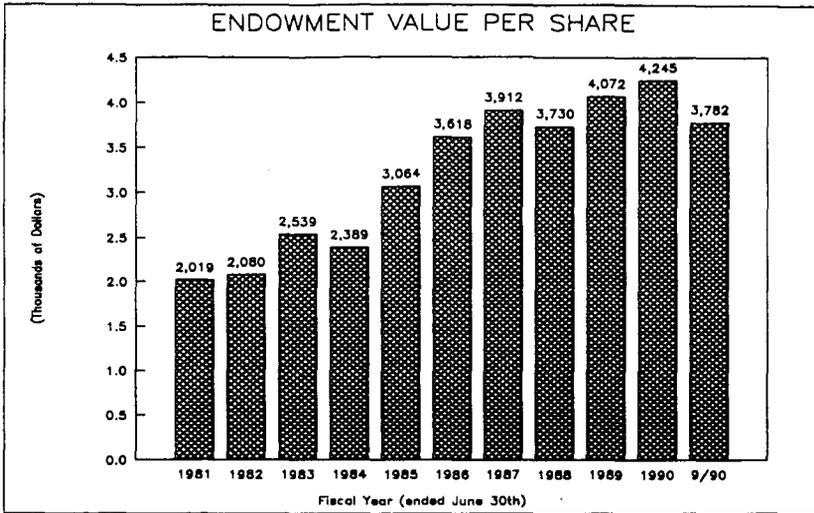
# THE OHIO STATE UNIVERSITY ENDOWMENT FUND



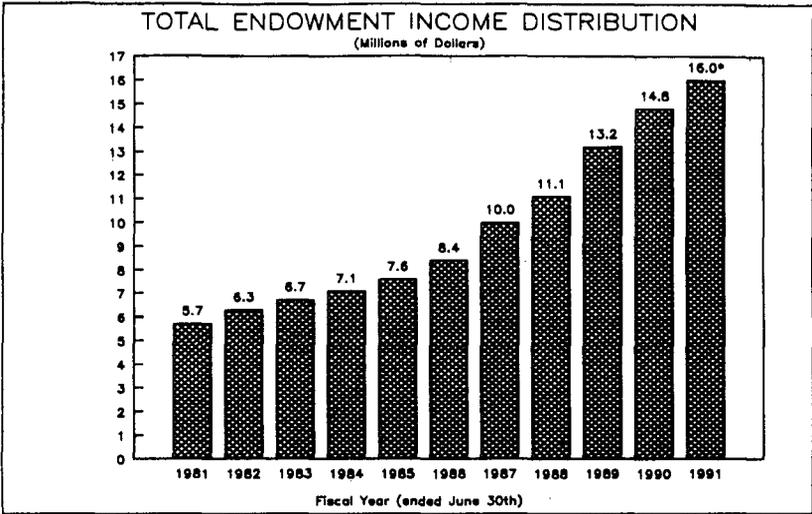
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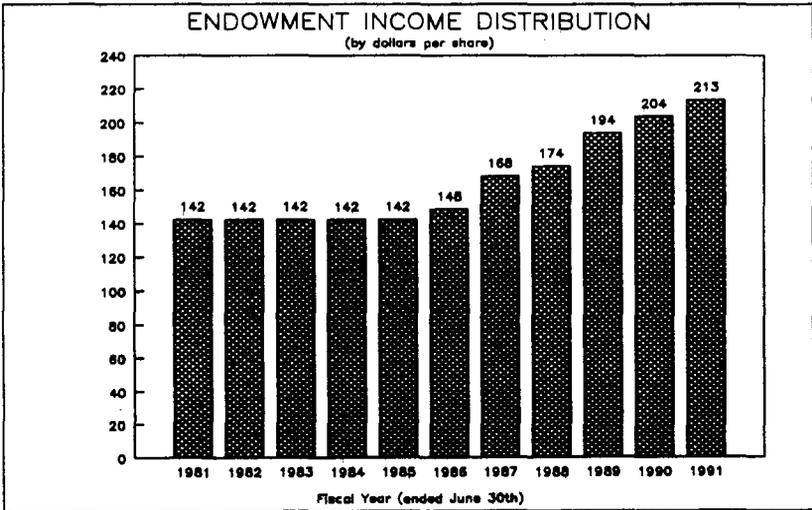
# THE OHIO STATE UNIVERSITY ENDOWMENT FUND



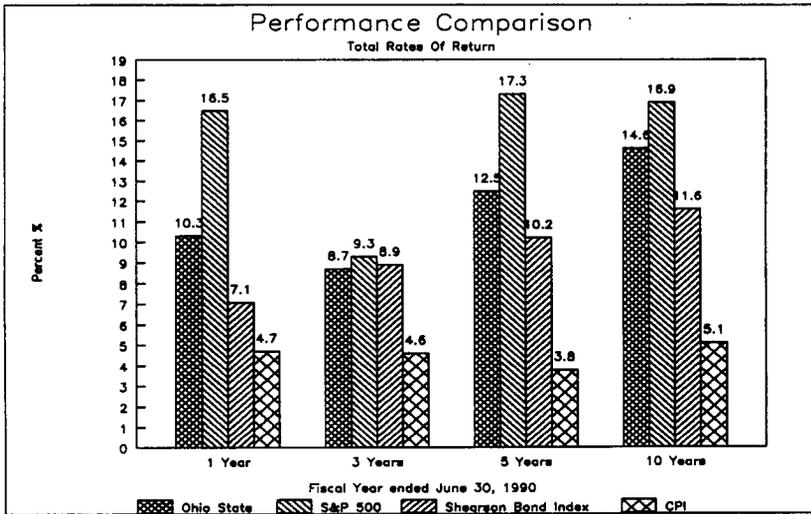
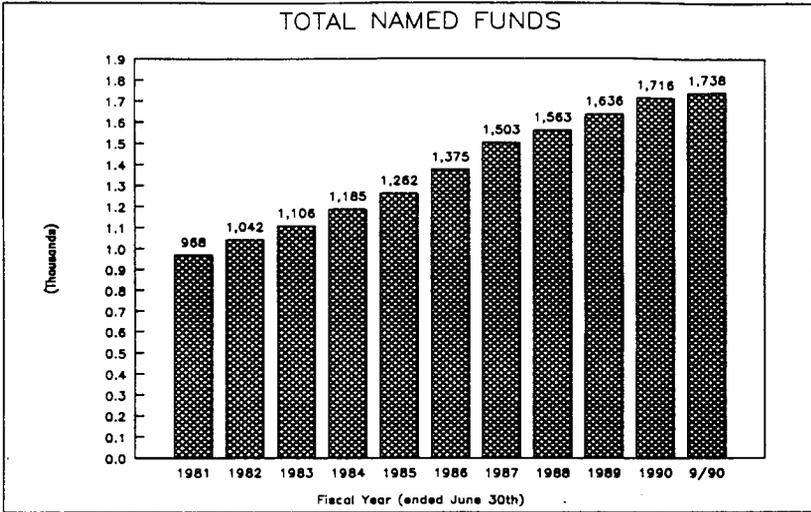
# THE OHIO STATE UNIVERSITY ENDOWMENT FUND



\*Distribution for 1991 through August.



# THE OHIO STATE UNIVERSITY ENDOWMENT FUND





Office of the Treasurer

Riverwatch Tower - Suite B  
364 West Lane Avenue  
Columbus, OH 43201-1002  
Phone 614-292-6261

## MEMORANDUM

Subject: Proxy Solicitations  
Date: September 30, 1990  
From: James L. Nichols, Treasurer *James L. Nichols*  
To: Board of Trustees, The Ohio State University

During September 1990, the University voted sixteen proxies.

Management proposals were as follows:

- 1) Election of the Board of Directors;
- 2) Amendment to increase authorized Class A common shares;
- 3) Ratification of the independent auditors;
- 4) Approval to restructure the corporation into a holding company;
- 5) Amendment to increase the number of authorized Class B common shares;
- 6) Amendment to clarify voting rights of holders of Class A and Class B common shares;
- 7) Approval of the Stock Incentive Plan;
- 8) Adoption of the 1990 Stock Plan, and subsequent amendments to the Plan;
- 9) Approval of a Merger Plan;
- 10) Approval of the 1990 Salary Replacement Stock Option Plan;
- 11) Adoption of a Stock Plan for non-employee directors;
- 12) Approval to delete the secondary investment objective from the portfolios;
- 13) Amendment restating the investment limitations of each portfolio;
- 14) Approval of the 1990 Stock Incentive Plan;
- 15) Authorization to issue non-voting shares of Preferred Stock.

The shareholder proposals were as follows:

- 1) Request the Company terminate all remaining economic relationships with South Africa;
- 2) Request that directors provide for cumulative voting of shares;
- 3) Reinstatement of the annual election of directors;

- 4) Request to change the time of the meeting;
- 5) Insure that hourly employees have the opportunity to serve as directors;
- 6) Prohibit the Company from purchasing coffee from El Salvadoran suppliers until there is a peaceful settlement to the war.

The University voted for all Management proposals, for shareholder proposal number 1, and against all other shareholder proposals. Additionally, Management opposed the shareholder proposals.

The sixteen corporations were:

- 1) Adolph Coors Company
- 2) Archer-Daniels-Midland Company
- 3) Briggs and Stratton Corporation
- 4) The Clorox Company
- 5) ConAgra Incorporated
- 6) Corroon and Black Corporation
- 7) Dean Foods Company
- 8) General Mills Incorporated
- 9) Morrison, Incorporated
- 10) NCC Funds
- 11) NIKE, Incorporated
- 12) Premier Industrial Corporation
- 13) The Procter and Gamble Company
- 14) RPM, Incorporated
- 15) Tektronix, Incorporated
- 16) Tyco Laboratories, Incorporated

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**APPENDIX XXII**

**ENVIRONMENTAL RESOURCES INFORMATION AND EDUCATION**

**Presented to the Agricultural Affairs Committee  
October 5, 1990  
(See page 389)**

## Environmental Resources Information and Education (ERIE)

Rosanne W. Fortner

In education we are aware that there exists a *teachable moment*, a situation in which all factors come together to produce the optimum conditions for learning. The teacher who is able to anticipate that opportunity and is prepared to respond can create an instant and lasting awareness of the situation, an internal spark that could never be derived from a textbook.

The decade of the '90s is the teachable moment for the "endangered planet." Events of the last two years have vividly shown that as we seek to improve our living standards, we create inadvertent threats to human lives and natural resources. The mass media and other masses have sought to become environmental educators. Is their message correct? Current? Committed?

In the School of Natural Resources, environmental education has been strong in all of its 22 year history. Our methods have changed, but not our message; our habitat has expanded, and so has our niche. The environmental educators of the '70s have *become* "Environmental Resources Information and Education" (ERIE) for the '90s.

Our faculty of about 4 FTE is responsible for 25 courses and is administering sponsored projects worth \$1.3 million. Our research and development activities focus on

- Environmental knowledge and attitude assessment, especially in developing countries
- Effective methods for dissemination of environmental information
- Curriculum development for formal and nonformal education
- Teacher enhancement; Global climate change education
- Marine and aquatic education

We are internationally known for leadership in the field: all our faculty have been Presidents in their professional societies and active in international cooperative efforts. The clearinghouse for environmental education research literature (ERIC/SMEAC) is at OSU, as is the headquarters of the Great Lakes education efforts of the International Joint Commission, the Secretary General's office for the International Society for Environmental Education, the home office for the Program for Leadership in Earth Systems Education. New thrusts link us with the Center for Mapping, Civil Engineering, and the Byrd Polar Research Center. Cooperative activities with Educational Studies and Biological Sciences have always been productive, and they continue to offer new opportunities.

To teach the technologies of environmental communication, to support the eager young graduate students who are determined to make their careers in environmental information and education, and even to enhance our own classroom materials and professional visibility, we continually pursue programmatic partners and support. We critically need additional faculty to respond to the growing demands for our courses and outreach expertise. With a PhD program we will be able to attract bright newcomers into the field and expand our potential for professional contributions. Theodore Roosevelt admonished us to "do what you can, with what you have, where you are." Our programs have stretched "what we have" to its maximum, and with great success, and we are now poised to grow with the challenges of increased environmental awareness. We expect that new state and federal legislation, along with cooperative programs through the College and University, will foster needed enhancement of programs, and we look forward to a period of expansion to take full advantage of this teachable moment in earth's history.

OSU Board of Trustees, 5 October 1990.

**APPENDIX XXIII**

**MORRILL AND LINCOLN TOWERS UPGRADE -  
PHASES II, III, AND IV**

**Adopted by the Board of Trustees, October 5, 1990  
(See page 416)**

## **Request for Construction Bids**

### **Background**

#### **Morrill and Lincoln Towers Upgrade - Phases II, III, and IV**

This project will accomplish "cosmetic" and maintenance upgrades to Morrill and Lincoln Tower dormitories. The first phase of this project, which has been completed, provided an upgrade to floors 21 and 22 in Morrill Tower. The planned additional upgrades will be accomplished in three phases. Phase II involves floor 23 and floors 15 through 20 in Morrill Tower; Phase III involves floors 5 through 14 in Morrill Tower; and Phase IV involves floors 16 through 23 in Lincoln Tower.

Funds for this project are available from Dormitory Revenue Funds, Dormitory Revenue Contingency Funds, and from future University bond proceeds. Construction costs for Phase II are estimated at \$2,852,500.00, and the total estimated Phase II project cost is \$3,116,000.00. Construction costs for Phase III are estimated at \$4,075,000.00, and the total estimated Phase III project cost is \$4,451,000.00. Construction costs for Phase IV are estimated at \$3,260,000.00, and the total estimated Phase IV project cost is \$3,561,000.00.

**APPENDIX XXIV**

**DOAN HALL - IMPROVEMENTS TO WOMEN AND INFANTS PROGRAM  
CLINICAL MAGNETIC RESONANCE IMAGING FACILITY - PHASE II**

**Adopted by the Board of Trustees, October 5, 1990  
(See page 417)**

**Employment of Architects/Engineers and  
Request for Construction Bids**

Background

Doan Hall - Improvements to Women and Infants Program

This project will provide facilities to add two labor and delivery rooms and improve lockers; expand the Neo-natal Intensive Care Unit; provide GYN "stepdown" beds; and renovate areas for offices for the Women and Infants Program.

Funds for this project are available from University Hospitals funds. Construction costs are estimated at \$450,000.00, and the total estimated project cost is \$562,000.00.

Clinical Magnetic Resonance Imaging Facility - Phase II

This project will construct a one-story addition of approximately 2,700 gross square feet to Means Hall to house a new 1.5 Tesla instrument. The new addition is planned to best utilize the existing suites and continue the pedestrian traffic patterns inside and outside of Means Hall in the area of the existing and new Magnetic Resonance Imaging suites.

Funds for this project are available from University bond proceeds. Construction costs are estimated at \$405,000.00, steel shielding costs are estimated at \$185,000.00, equipment costs are estimated at \$1,800,000.00, and the total estimated project cost is \$2,500,000.00.

**APPENDIX XXV**

**PROJECTS FUNDED BY SUBSTITUTE HOUSE BILL 808**

**Adopted by the Board of Trustees, October 5, 1990  
(See page 417)**

**Employment of Architects/Engineers and  
Request for Construction Bids**

Projects Funded by Substitute House Bill 808

Background

Substitute House Bill 808, enacted by the Ohio General Assembly, in March 1990, made capital appropriations totaling \$92,711,183.00 for projects at The Ohio State University's Columbus and Regional Campuses for the 1990-1992 biennium. Those appropriations included approximately \$76.4 million for 14 line item projects; \$13.4 million for basic renovations on the Columbus Campus; and \$2.9 million for basic and supplemental renovations at the Regional Campuses, the Agricultural Technical Institute, and OARDC. Most of the specific line item projects and several of the renovation projects previously have been approved by the Board; with the projects included in this resolution, the employment of architects and engineers and request for construction bids will have been approved for all new projects covered by these 1990-92 appropriations, except for three line item projects (totaling \$20.7 million) for which plans are not yet complete. The projects authorized by House Bill 808 for which the University is seeking approval in this resolution total \$13,748,600.00 and are as follows:

Line Item Projects

OARDC - Poultry Research Facility

This project will replace the deteriorated pole barn, House #9, for male turkeys at the Ohio Agricultural Research and Development Center in Wooster.

Estimated Construction Cost:	\$ 164,000.00
Estimated Project Cost:	\$ 200,000.00

ATI - Horse and Farm Management Facility

This project will provide planning for a horse breeding facility and a farm management center. Included in the project is planning for a 5/8 mile track, demonstration barn, an inside and outside arena with storage areas, stall barns, a pole structure to house the farm management office, machinery storage, equipment maintenance shop, and fertilizer storage. The total project cost is estimated at \$2,900,000. However, only planning funds (\$210,000) and utility extension funds (\$90,000) are available at this time.

Estimated Construction Cost:	\$ 90,000.00
Estimated Project Cost:	\$ 300,000.00

Basic Renovation Projects - Columbus Campus

Denney Hall - Relocation of Arts and Sciences Honors Program

This project will remodel two existing classrooms, rooms 208 and 212, to provide six offices and a reception area for the Arts and Sciences Honors Program, currently housed in inadequate space in the basement of Denney Hall.

Estimated Construction Cost:	\$ 73,800.00
Estimated Project Cost:	\$ 90,000.00

**Employment of Architects/Engineers and  
Request for Construction Bids (contd)**

Projects Funded by Substitute House Bill 808 (contd)

Background (contd)

Basic Renovation Projects - Columbus Campus (contd)

**Main Library - Roof Replacement, Phase I**

This project will remove approximately 22,000 square feet of built-up roof and install new tapered insulation and a 4 ply built-up roof.

Estimated Construction Cost:	\$ 287,000.00
Estimated Project Cost:	\$ 350,000.00

**Larkins Hall - Exterior Wall Replacement, Phase I**

This project will modify the flashing of the existing mansard type windows along the 50 meter and diving well pools. Insulation will be installed in all uninsulated parapet walls. Concrete repairs will be made to the exterior wall at the north end of the diving well. The brick will be repaired with new expansion joints, weep holes, and regrouting.

Estimated Construction Cost:	\$ 410,000.00
Estimated Project Cost:	\$ 500,000.00

**Smith Laboratory - Mechanical System, Part A**

This project will replace the fan coil units in the old part of Smith Lab. There are 95 units servicing this area, all of which are either non-operable and/or undersized for the application.

Estimated Construction Cost:	\$ 287,000.00
Estimated Project Cost:	\$ 350,000.00

**Smith Laboratory - Mechanical System, Part B**

This project will replace the existing worn out and inefficient absorption chiller in Smith Lab with a new centrifugal chiller. The existing unit, which is a 360 ton machine installed in 1971, is used as the back-up chiller for the building. This unit is no longer operable and must be replaced.

Estimated Construction Cost:	\$ 287,000.00
Estimated Project Cost:	\$ 350,000.00

**Employment of Architects/Engineers and  
Request for Construction Bids (contd)**

Projects Funded by Substitute House Bill 808 (contd)

Background (contd)

Basic Renovation Projects - Columbus Campus (contd)

Smith Laboratory - Mechanical System, Part C

This project will replace the heating hot water supply and return piping on the first three floors of the south wing of Smith Lab. The existing piping is severely corroded and has been patched in numerous locations. The hot water supply and return piping on the fourth floor was replaced in 1988.

Estimated Construction Cost:	\$ 246,000.00
Estimated Project Cost:	\$ 300,000.00

Biological Sciences Building Remodeling

This project is a general upgrade to six teaching laboratories, including replacement of sinks and some laboratory tables and new lighting and utilities.

Estimated Construction Cost:	\$ 246,000.00
Estimated Project Cost:	\$ 300,000.00

Wiseman Hall Mechanical System Improvements, Part A

This project will renovate the air handler, redesign the chilled water system, and rezone the second floor for the animal laboratory area.

Estimated Construction Cost:	\$ 197,000.00
Estimated Project Cost:	\$ 240,000.00

Wiseman Hall Mechanical System Improvements, Part B

This project will modify the air conditioning system on the third and fourth floors and renovate the utility piping system.

Estimated Construction Cost:	\$ 172,000.00
Estimated Project Cost:	\$ 210,000.00

Wiseman Hall Mechanical System Improvements, Part C

This project will replace the chiller and upgrade electric service to the chiller.

Estimated Construction Cost:	\$ 492,000.00
Estimated Project Cost:	\$ 600,000.00



**Employment of Architects/Engineers and  
Request for Construction Bids (contd)**

Projects Funded by Substitute House Bill 808 (contd)

Background (contd)

Basic Renovation Projects - Columbus Campus (contd)

**Robinson Laboratory - Centrifugal Chiller Replacement**

This project will install a 150 ton air-cooled chilled water system to replace the worn out centrifugal chiller. System failures, with loss of air conditioning in the building, result in inability to use classrooms while custom parts are being obtained.

Estimated Construction Cost:	\$ 115,000.00
Estimated Project Cost:	\$ 140,000.00

**Page Hall - Roof Replacement**

This project will remove approximately 11,800 square feet of tile roof, install new 90 lb. felt, reinstall existing tile, replace approximately 4,600 square feet of shingles, remove approximately 1,900 square feet of built-up roofing and install new 3 ply built-up roof, remove approximately 2,570 square feet of copper gutter and replace with new copper gutter, and remove approximately 200 linear feet of copper conductor pipe and replace with new copper conductor pipe.

Estimated Construction Cost:	\$ 150,000.00
Estimated Project Cost:	\$ 182,000.00

**Arps Hall - Masonry Improvements**

This project will grout and waterproof masonry joints and repair foundation and stone replacement on the stair landing and treads on the east and north entrances.

Estimated Construction Cost:	\$ 266,500.00
Estimated Project Cost:	\$ 325,000.00

**Oxley Hall - Masonry Improvements**

This project will remove the vines from the building, clean the masonry surfaces, replace any missing or deteriorated mortar, relay and repoint brick columns on the west elevation, and install new brick where necessary.

Estimated Construction Cost:	\$ 94,300.00
Estimated Project Cost:	\$ 115,000.00

**Employment of Architects/Engineers and  
Request for Construction Bids (contd)**

Projects Funded by Substitute House Bill 808 (contd)

Background (contd)

Basic Renovation Projects - Columbus Campus (contd)

**Johnston Laboratory - Exterior Masonry Improvements**

This project will remove the existing sealant around all masonry openings, remove the existing masonry joints, reseal joints, repair or replace any loose, missing and flaking stucco, replace any loose, missing, or broken brick, reseal all stress cracks, and regrout all masonry joints.

Estimated Construction Cost:	\$ 119,000.00
Estimated Project Cost:	\$ 145,000.00

**Baker Systems Engineering Building - Sealant Replacement**

This project will replace existing sealant around all windows, doors, shelf angles, and stone joints. In addition, the entire building will be cleaned and waterproofed.

Estimated Construction Cost:	\$ 94,500.00
Estimated Project Cost:	\$ 115,000.00

**Haskett Hall - Exterior Masonry Replacement**

This project will remove and replace any broken, missing, or spalled brick, remove all existing joints, reseal all joints, remove all existing loose, flaking and deteriorated mortar cement in masonry joints, and refill the raked joint with tuck pointing cement on the east, north, and south elevations of the building.

Estimated Construction Cost:	\$ 160,000.00
Estimated Project Cost:	\$ 195,000.00

**Van De Graff Laboratory - Rooftop Mechanical System Replacement**

This project will replace the 21-year old rooftop cooling system.

Estimated Construction Cost:	\$ 90,200.00
Estimated Project Cost:	\$ 110,000.00

**Animal Science Building - Rooftop Chiller Replacement**

This project will replace the existing 60 ton roof mounted water chiller with a glycol-based system to extend the operation period to match building needs.

Estimated Construction Cost:	\$ 82,000.00
Estimated Project Cost:	\$ 100,000.00

**Employment of Architects/Engineers and  
Request for Construction Bids (contd)**

Projects Funded by Substitute House Bill 808 (contd)

Background (contd)

Basic Renovation Projects - Columbus Campus (contd)

Postle Hall - Animal Facility

This project will remodel approximately 3,000 square feet in the lower level of Postle Hall for an animal facility.

Estimated Construction Cost:	\$ 220,500.00
Estimated Project Cost:	\$ 269,000.00

Public Safety Building - HVAC System Improvement

This project will install a single package roof mounted air conditioning system to serve the entire building, modify the radiant heating system, and install a new system of direct digital controls.

Estimated Construction Cost:	\$ 233,700.00
Estimated Project Cost:	\$ 285,000.00

Integrated Central Alarm Monitoring Upgrade

This project will upgrade and replace the present fire alarm and monitoring system with a new system with the capacity to monitor all buildings and systems on campus and allow the fire and security systems to be under central control.

Estimated Construction Cost:	\$ 332,100.00
Estimated Project Cost:	\$ 405,000.00

Herrick Drive - Road Resurfacing

This project will repair areas of Herrick Drive where the base has failed, replace broken curb, enlarge entrance radius, and resurface approximately 4,725 square yards of asphalt paving.

Estimated Construction Cost:	\$ 164,000.00
Estimated Project Cost:	\$ 200,000.00

19th Avenue (Neil to College) - Road Resurfacing

This project will rebuild areas where base has failed and resurface approximately 4,300 square yards of asphalt paving.

Estimated Construction Cost:	\$ 45,100.00
Estimated Project Cost:	\$ 55,000.00

**Employment of Architects/Engineers and  
Request for Construction Bids (contd)**

Projects Funded by Substitute House Bill 808 (contd)

Background (contd)

Basic Renovation Projects - Columbus Campus (contd)

Research Center - Entrance Road Resurfacing

This project will replace some failed base and resurface approximately 5,000 square yards of asphalt paving.

Estimated Construction Cost:	\$ 82,000.00
Estimated Project Cost:	\$ 100,000.00

Bevis, Rightmire, and Scott Halls - Structural System Improvements

This project will remove the asphalt walkways on the east side of Bevis and south side of Rightmire, remove topping to expose concrete decking, waterproof the concrete decking, and install new asphalt.

Estimated Construction Cost:	\$ 184,500.00
Estimated Project Cost:	\$ 225,000.00

University Hall and William Oxley Thompson Library - Elevator Upgrade

This project will replace the door hangers and door systems on two elevators in the Thompson Library and remove existing materials and replace with non-asbestos sprayed on fireproofing material on the structural steel in the elevator hoistway of University Hall.

Estimated Construction Cost:	\$ 172,200.00
Estimated Project Cost:	\$ 210,000.00

Dakan Hall and Robinson Laboratory - Elevator Replacement

This project will construct a new hoistway and install a passenger elevator suitable for handicap accessibility in Robinson Laboratory and install a passenger elevator in a hoistway that houses a dumbwaiter to permit handicap access in Dakan Hall.

Estimated Construction Cost:	\$ 205,000.00
Estimated Project Cost:	\$ 250,000.00

Exterior Lighting

This project will replace the obsolete existing fixtures and add new fixtures in low light areas to increase personal safety of the students, staff, and faculty.

Estimated Construction Cost:	\$ 205,000.00
Estimated Project Cost:	\$ 250,000.00

**Employment of Architects/Engineers and  
Request for Construction Bids (contd)**

Projects Funded by Substitute House Bill 808 (contd)

Background (contd)

Basic Renovation Projects - Columbus Campus (contd)

**Robinson Laboratory - Balcony Remodeling**

This project will convert the approximately 4,000 square feet of storage space in the balcony area above room 1030 Robinson Lab to approximately 2,500 square feet of laboratory space for the Eminent Scholar in Mechanical Engineering. The project includes adding partitions, HVAC, improved lighting, and laboratory benches.

Estimated Construction Cost:	\$ 164,000.00
Estimated Project Cost:	\$ 200,000.00

**Starling-Loving Hall - Roof Replacement**

This project will replace the roof over wing M and a portion of wing A.

Estimated Construction Cost:	\$ 287,000.00
Estimated Project Cost:	\$ 350,000.00

**Converse Hall Remodeling**

This project will remodel approximately 7,500 square feet following the move of University Archives to the new Library Book Depository, including the installation of walls, revise lighting and ceiling components, and general upgrade of the space.

Estimated Construction Cost:	\$ 106,600.00
Estimated Project Cost:	\$ 130,000.00

**West Campus Remodeling**

This project will provide general room upgrades to approximately 25,000 square feet in Scott, Bevis, Pressey, and Mount Halls.

Estimated Construction Cost:	\$ 328,000.00
Estimated Project Cost:	\$ 400,000.00

**General Biology Annex - Mechanical System**

This project will modify the ventilation system due to the city sewer which penetrates through the lower level of building.

Estimated Construction Cost:	\$ 82,000.00
Estimated Project Cost:	\$ 100,000.00

**Employment of Architects/Engineers and  
Request for Construction Bids (contd)**

Projects Funded by Substitute House Bill 808 (contd)

Background (contd)

Basic Renovation Projects - Columbus Campus (contd)

Lincoln and Morrill Towers - Site Renovation

This project will repair broken pavement, pedestrian bridges, bicycle parking areas, renovate existing plantings, and construct an erosion control system.

Estimated Construction Cost:	\$ 164,000.00
Estimated Project Cost:	\$ 200,000.00

Mirror Lake Hollow Renovations

This project will renovate existing plantings and add an underground irrigation system, redesign and construct a new walk circulation system, and add additional foundation plantings.

Estimated Construction Cost:	\$ 123,000.00
Estimated Project Cost:	\$ 150,000.00

Energy Control Modifications

This project will install direct digital controls for HVAC systems in the Allied Medical Professions Building, Graves Hall, Newton Hall, and McCampbell Hall to improve occupant comfort and reduce energy consumption.

Estimated Construction Cost:	\$ 192,700.00
Estimated Project Cost:	\$ 235,000.00

Lab Animal Center Renovations - Animal Pen

This project will repair and seal all concrete floors, bases, and trenches, and apply an epoxy wearing surface to the exterior pen runs in buildings 1 and 2.

Estimated Construction Cost:	\$ 61,500.00
Estimated Project Cost:	\$ 75,000.00

Lab Animal Center Renovations - HVAC

This project will replace the roof top air handling units serving the animal holding facilities with a more reliable and efficient gas fired heating unit, including controls, dampers, and steam reheat coils.

Estimated Construction Cost:	\$ 200,900.00
Estimated Project Cost:	\$ 245,000.00

**Employment of Architects/Engineers and  
Request for Construction Bids (contd)**

Projects Funded by Substitute House Bill 808 (contd)

Background (contd)

Basic Renovation Projects - Columbus Campus (contd)

**Oxley Hall Window Replacement**

This project will replace all existing windows with new factory glazed windows with prefinished wood interior frames and anodized aluminum exterior frames.

Estimated Construction Cost:	\$ 139,400.00
Estimated Project Cost:	\$ 170,000.00

Basic and Supplemental Renovations - Regional Campuses

**Lima Regional Campus - Reed Hall Power Transformer Replacement**

This project will replace a power transformer containing high levels of PCB's.

Estimated Construction Cost:	\$ 41,000.00
Estimated Project Cost:	\$ 50,000.00

**Lima Regional Campus - Galvin Hall Lab Fume Hood Exhaust System**

This project will install bench top fume hoods to provide workstations on each of five benches, provide a fume hood exhaust system, associated ductwork, dampers, controls, make-up air system, heat recovery unit, cooling and heating, and improve ventilation for a cadaver container.

Estimated Construction Cost:	\$ 123,000.00
Estimated Project Cost:	\$ 150,000.00

**Lima Regional Campus - Galvin Hall Chiller Improvements**

This project will perform a major overhaul of the 150 ton air conditioning chiller, including total teardown and replacement of all bearings, seals, and gaskets.

Estimated Construction Cost:	\$ 20,500.00
Estimated Project Cost:	\$ 25,000.00

**Lima Regional Campus - Asphalt Improvements**

This project will repair and replace damaged, sunken, and cracked asphalt on courtyard walkways, approaches and entrances, and the fire lane behind Cook Hall.

Estimated Construction Cost:	\$ 27,100.00
Estimated Project Cost:	\$ 33,000.00

**Employment of Architects/Engineers and  
Request for Construction Bids (contd)**

Projects Funded by Substitute House Bill 808 (contd)

Background (contd)

Basic and Supplemental Renovations - Regional Campuses (contd)

**Lima Regional Campus - Reed Hall - Water Damage**

This project will repair damage from extensive roof leaks to ceilings, ceiling tiles, T-bar grid, and light fixtures.

Estimated Construction Cost:	\$ 20,500.00
Estimated Project Cost:	\$ 25,000.00

**Mansfield Regional Campus - Concrete Replacement**

This project will replace the deteriorated steps and sidewalks in front of Ovalwood Hall and make minor walkway replacements around campus.

Estimated Construction Cost:	\$ 24,600.00
Estimated Project Cost:	\$ 30,000.00

**Mansfield Regional Campus - Bromfield Hall - Facing**

This project will replace the cracked and broken sandstone facing on Bromfield Hall.

Estimated Construction Cost:	\$ 32,000.00
Estimated Project Cost:	\$ 39,000.00

**Marion Regional Campus - HVAC Control System**

This project will install a computer controlled maintenance and operation system for the Campus HVAC systems.

Estimated Construction Cost:	\$ 45,100.00
Estimated Project Cost:	\$ 55,000.00

**Marion Regional Campus - Room Improvements**

This project will improve several rooms, including the main office and room 100.

Estimated Construction Cost:	\$ 45,100.00
Estimated Project Cost:	\$ 55,000.00

**Marion Regional Campus - Sidewalk Replacement**

This project will replace the walks between the Student Center and Morrill Hall.

Estimated Construction Cost:	\$ 14,800.00
Estimated Project Cost:	\$ 18,000.00

**Employment of Architects/Engineers and  
Request for Construction Bids (contd)**

Projects Funded by Substitute House Bill 808 (contd)

Background (contd)

Basic and Supplemental Renovations - Regional Campuses (contd)

**Marion Regional Campus - Parking Lot**

This project will provide a new surface parking lot near the Technical Building.

Estimated Construction Cost:	\$ 137,000.00
Estimated Project Cost:	\$ 167,000.00

**Newark Regional Campus - Telecommunications and Data Wiring and Switching System**

This project will wire the entire Campus for state-of-the-art networking for data and telecommunications, including a new computerized digital telecommunications switch, plus appropriate wiring for the switch.

Estimated Construction Cost:	\$ 144,000.00
Estimated Project Cost:	\$ 175,780.00

**Newark Regional Campus - Student Support Service Remodeling**

This project will remodel approximately 2,000 square feet of space in Hopewell Hall to provide space for student support services. The remodeling will provide student government and activities work space, a conference room, a work area for the student life program assistants, a staff support space, and administrative space for the Director.

Estimated Construction Cost:	\$ 74,100.00
Estimated Project Cost:	\$ 90,400.00

**Newark Regional Campus - Adena Parking Lot Paving and Lighting**

This project will apply an asphalt surface to the gravel parking lot east of Adena Hall and install appropriate lighting.

Estimated Construction Cost:	\$ 129,700.00
Estimated Project Cost:	\$ 158,150.00

**Newark Regional Campus - Parking Lot Lighting Replacement**

This project will replace the light fixtures for the parking facilities in front of Founders and Hopewell Halls to provide adequate lighting levels for the safety of the students, staff, and faculty.

Estimated Construction Cost:	\$ 37,800.00
Estimated Project Cost:	\$ 46,030.00

**Employment of Architects/Engineers and  
Request for Construction Bids (Contd)**

Projects Funded by Substitute House Bill 808 (contd)

Background (contd)

Basic and Supplemental Renovations - Regional Campuses (contd)

Newark Regional Campus - Founders Hall Electrical Upgrade

This project will expand the number of circuits within Founders Hall and change the capacity of the service entering the building to accommodate the additional computer equipment in instructional facilities within the building.

Estimated Construction Cost:	\$ 51,400.00
Estimated Project Cost:	\$ 62,640.00

Basic Renovations - Agricultural Technical Institute

ATI - Halterman Hall Renovation

This project will renovate the HVAC system, improve the roof system over entrances and stairwells, install laboratory shelving in the chemistry and research science laboratories, and make cosmetic improvements to various rooms in Halterman Hall.

Estimated Construction Cost:	\$ 123,000.00
Estimated Project Cost:	\$ 150,000.00

ATI - Skou Hall Renovation

This project will improve the bay and cafeteria windows, install carpeting in the bridge and lounge area, improve the roof system, and paint several laboratories and offices in Skou Hall.

Estimated Construction Cost:	\$ 82,000.00
Estimated Project Cost:	\$ 100,000.00

ATI - Apple Creek Farm Improvements

This project will improve the drainage on several parcels of land, improve the roadway, and improve utilities by replacing and installing electrical lines and transformers.

Estimated Construction Cost:	\$ 33,600.00
Estimated Project Cost:	\$ 41,000.00

ATI - Miscellaneous Improvements

This project will improve asphalt walkways around Halterman Hall, renovate and cap limestone parapet walls on the east side of Halterman Hall, and install a concrete floor in the old Turkey Barn for use as storage space.

Estimated Construction Cost:	\$ 41,000.00
Estimated Project Cost:	\$ 50,000.00

**Employment of Architects/Engineers and  
Request for Construction Bids (Contd)**

Projects Funded by Substitute House Bill 808 (contd)

Background (contd)

Supplemental Renovations - Ohio Agricultural Research and Development Center

OARDC - Wooster Campus Road Resurfacing

This project will repair and seal deteriorating parking lot and roadway surfacing by providing an asphalt concrete overlay on the surfaces, extending manholes, and remarking parking spaces.

Estimated Construction Cost:	\$ 61,500.00
Estimated Project Cost:	\$ 75,000.00

OARDC - Fencing and Roads

This project will replace approximately 7.25 miles of line fences, replace approximately 1.25 miles of main interior fences, and upgrade the 1 mile main drive and approximately 3 miles of the service roads.

Estimated Construction Cost:	\$ 94,300.00
Estimated Project Cost:	\$ 115,000.00

OARDC - Wooster Campus Water System Improvements

This project will drill two new wells to replace a well that was shut down by EPA, including development and connection to the existing system, and updating of the control systems.

Estimated Construction Cost:	\$ 65,600.00
Estimated Project Cost:	\$ 80,000.00

OARDC - Pesticide Storage and Handling Building

This project will construct approximately 1,500 square feet of enclosed space with proper floor, air handling, utilities, and exhaust hood for the storage and mixing of pesticide.

Estimated Construction Cost:	\$ 73,800.00
Estimated Project Cost:	\$ 90,000.00

OARDC - Union County Farm Drainage Tile Replacement

This project will install new drainage tile and surface structures on the Union County Farm. The project includes systematic agricultural tiling of 110 acres and special tiling of an additional 50 acres. Some surface reshaping to improve drainage also is included.

Estimated Construction Cost:	\$ 61,500.00
Estimated Project Cost:	\$ 75,000.00

**Employment of Architects/Engineers and  
Request for Construction Bids (Contd)**

Projects Funded by Substitute House Bill 808 (contd)

Background (contd)

Supplemental Renovations - Ohio Agricultural Research and Development Center

OARDC - Mahoning Farm Renovations

This project will replace about 12,000 square feet of roof on two barns, repair exterior barn walls, remove one silo, and make miscellaneous road improvements.

Estimated Construction Cost:	\$ 54,100.00
Estimated Project Cost:	\$ 66,000.00

OARDC - Thorne and Gourley Renovation

This project will reroof, remodel laboratories, update utilities and environmental control systems, and install energy conservation systems in Thorne and Gourley Halls.

Estimated Construction Cost:	\$ 230,100.00
Estimated Project Cost:	\$ 280,600.00

OARDC - Northwestern Branch Office and Storage Improvements

This project will replace existing office and storage buildings which are beyond repair. The project includes site development, construction of a 40 foot by 72 foot building with a 24 foot by 40 foot insulated and heated office and work area. The balance of the building will be unheated storage space.

Estimated Construction Cost:	\$ 82,000.00
Estimated Project Cost:	\$ 100,000.00

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**APPENDIX XXVI**

**ROOF REPLACEMENTS (ARPS HALL)  
OXLEY HALL REHABILITATION  
MECHANICAL IMPROVEMENTS (GRAVES HALL)  
VETERINARY HOSPITAL IMPROVEMENTS  
BROWN HALL ROOF REPLACEMENT  
RIGHTMIRE HALL RENOVATION - PHASE II, DEMOLITION**

**Adopted by the Board of Trustees, October 5, 1990  
(See page 420)**

**Report of Award of Contracts and  
Establishment of Contingency Funds**

Background

(Amounts shown with an \* include accepted alternates.)

Roof Replacements (Arps Hall)

This project will replace roofing, insulation and flashing on Arps Hall. The total project cost is \$115,162.80; funding is provided from Senate Bill 336 (\$115,000.00) and Department of Physical Facilities funds (\$162.80). The estimated completion date is June 1991. The contract awarded is as follows:

General Contract:	Huffer Roofing, Columbus, Ohio
Amount:	\$108,671.00 +
Estimate:	\$105,000.00 +
Total All Contracts:	\$108,671.00
Contingency Allowance:	\$5,433.55 (5% of construction cost)
Total Project Cost:	\$115,162.80

+The General Contract is in excess of the filed estimate of cost; however, the total price of all contracts is within 10% of the total estimate of costs and is recommended for award as provided by Section 153.12 of the Revised Code.

October 5, 1990

REPORT OF AWARD OF CONTRACTS AND ESTABLISHMENT OF CONTINGENCY FUNDS  
ARPS HALL ROOF REPLACEMENT

Tabulation of Bids

Bids received by The Ohio State University on August 2, 1990. Bids opened by Tamara Bell and tabulated by Carol Cochran. Awards indicated with an "A".

<u>General Contract</u>	<u>Estimate</u>	<u>Huffer *</u>	<u>Becker</u>
Base Bid	\$105,000.00	\$108,671.00	\$109,000.00
Total General Contract	\$105,000.00	\$108,671.00	\$109,000.00
Alternates not taken: Alt. G-1 (Additional Roof Area)	15,000.00	15,032.00	21,960.00

**Report of Award of Contracts and  
Establishment of Contingency Funds (contd)**

Background (contd)

Oxley Hall Rehabilitation

This project will rehabilitate this 34,000 gross square foot facility. The work includes updating antiquated mechanical systems, adding handicap accessibility, providing life safety code updates, partial modernization of the sprinkler system, new windows, new and repaired exterior doors, painting, floor covering, and some new ceilings. The total project cost is \$1,905,000.00; funding is provided from Central University funds (\$1,100,000.00), Provost funds (\$200,000.00), Residence and Dining Halls funds (\$395,602.00), and West Campus Relocation funds (\$209,398.00). The estimated completion date is January 1992. The contracts awarded are as follows:

General Contract:	Paige Construction , Westerville, Ohio
Amount:	\$735,850.00 *
Estimate:	\$871,000.00 *
Plumbing Contract:	Westland Mechanical, Reynoldsburg, Ohio
Amount:	\$132,400.00 *
Estimate:	\$177,000.00 *
HVAC Contract:	Radico, Inc., Columbus, Ohio
Amount:	\$388,200.00 *
Estimate:	\$413,000.00 *
Electric Contract:	Romanoff Electric, Dublin, Ohio
Amount:	\$215,600.00 *
Estimate:	\$238,000.00 *
Total All Contracts:	\$1,472,050.00 *
Contingency Allowance:	\$ 88,323.89 (6% of construction cost)
Total Project Cost:	\$1,905,000.00 *

## REPORT OF AWARD OF CONTRACTS AND ESTABLISHMENT OF CONTINGENCY FUNDS

## OXLEY HALL RENOVATION

## Tabulation of Bids

Bids received by The Ohio State University on July 25, 1990. Bids opened by Tamara Bell and tabulated by Steve Galli. Awards indicated with an "\*".

<u>General Contract</u>	<u>Estimate</u>	<u>Paige *</u>	<u>Functional Dev.</u>	<u>Cody Zeigler</u>
Base Bid	\$775,000.00	\$657,000.00	\$646,925.00	\$637,000.00
Alt. G-1 (Third Floor)	96,000.00	78,850.00	107,000.00	118,000.00
<b>Total General Contract</b>	<b>\$871,000.00</b>	<b>\$735,850.00</b>	<b>\$753,925.00</b>	<b>\$755,000.00</b>
Alternates not taken:				
Alt. G-2 (Exterior Doors)	\$13,000.00	\$6,500.00	\$19,000.00	\$20,000.00
Alt. G-3 (Ext. Modifications)	89,000.00	35,605.00	44,000.00	97,000.00
<b>General Contract (Continued)</b>	<b><u>Marin</u></b>	<b><u>Altman</u></b>	<b><u>Ed Ross</u></b>	<b><u>Turner</u></b>
Base Bid	\$699,000.00	\$698,757.00	\$732,900.00	\$725,900.00
Alt. G-1 (Third Floor)	95,000.00	106,535.00	96,600.00	111,500.00
<b>Total General Contract</b>	<b>\$794,000.00</b>	<b>\$805,292.00</b>	<b>\$829,500.00</b>	<b>\$837,400.00</b>
Alternates not taken:				
Alt. G-2 (Exterior Doors)	\$18,000.00	\$12,239.00	\$25,200.00	\$18,100.00
Alt. G-3 (Ext. Modifications)	41,000.00	62,629.00	124,900.00	48,700.00
<b>General Contract (Continued)</b>	<b><u>Messer</u></b>	<b><u>Williamson</u></b>		
Base Bid	\$723,000.00	\$849,300.00		
Alt. G-1 (Third Floor)	140,000.00	163,328.00		
<b>Total General Contract</b>	<b>\$863,000.00</b>	<b>\$1,012,628.00</b>		
Alternates not taken:				
Alt. G-2 (Exterior Doors)	\$25,000.00	\$16,156.00		
Alt. G-3 (Ext. Modifications)	75,000.00	134,118.00		
<b>Plumbing Contract</b>	<b><u>Estimate</u></b>	<b><u>Westland *</u></b>	<b><u>J.A. Croson</u></b>	<b><u>Jeric</u></b>
Base Bid	\$165,000.00	\$122,800.00	\$123,889.00	\$135,135.00
Alt. P-1 (Third Floor)	12,000.00	9,600.00	9,999.00	9,580.00
<b>Total Plumbing Contract</b>	<b>\$177,000.00</b>	<b>\$132,400.00</b>	<b>\$133,888.00</b>	<b>\$144,715.00</b>
Alternates not taken:				
Alt. P-2 (Fire Protection)	\$500.00	\$1,300.00	\$0.00	\$3,285.00
<b>Plumbing Contract (Continued)</b>	<b><u>Ragico</u></b>	<b><u>J.A. Meyers</u></b>	<b><u>Farber</u></b>	
Base Bid	\$148,300.00	\$144,998.00	\$147,900.00	
Alt. P-1 (Third Floor)	8,600.00	14,236.00	13,400.00	
<b>Total Plumbing Contract</b>	<b>\$156,900.00</b>	<b>\$159,234.00</b>	<b>\$161,300.00</b>	
Alternates not taken:				
Alt. P-2 (Fire Protection)	\$0.00	\$0.00	\$3,500.00	

<u>HVAC Contract</u>	<u>Estimate</u>	<u>Radico *</u>	<u>J A Croson</u>	<u>Farber</u>
Base Bid	\$395,000.00	\$378,600.00	\$398,000.00	\$398,300.00
Alt. H-1 (DDC Controls)	18,000.00	15,400.00	22,575.00	16,200.00
Alt. H-2 (Copper Piping)	.00	(5,800.00)	(9,000.00)	.00
Total HVAC Contract	\$413,000.00	\$388,200.00	\$411,575.00	\$414,500.00
<u>Electric Contract</u>	<u>Estimate</u>	<u>Romanoff *</u>	<u>Eastmoor</u>	<u>Penn</u>
Base Bid	\$220,000.00	\$189,900.00	\$200,990.00	\$226,545.00
Alt. E-1 (Third Floor)	18,000.00	25,700.00	22,000.00	21,872.00
Total Electric Contract	\$238,000.00	\$215,600.00	\$222,990.00	\$248,417.00
Alternates not taken:				
Alt. E-2 (Outside Lighting)	5,000.00	7,030.00	\$5,000.00	\$8,751.00
<u>Electric Contract (Continued)</u>	<u>Advantage</u>	<u>Jess Howard</u>	<u>Reco</u>	
Base Bid	\$214,183.00	\$232,300.00	\$239,719.00	
Alt. E-1 (Third Floor)	34,619.00	32,700.00	34,842.00	
Alternates not taken:				
Alt. E-2 (Outside Lighting)	\$12,327.00	\$6,000.00	\$7,637.00	

**Report of Award of Contracts and  
Establishment of Contingency Funds (contd)**

Background (contd)

Mechanical Improvements (Graves Hall)

This project will upgrade the building environments and improve occupants' comfort by providing modifications and/or replacements of building HVAC systems. The total project cost is \$120,000.00; funding is provided from Senate Bill 336. The estimated completion date is April 1991. The contracts awarded are as follows:

General Contract:	Righter Company, Columbus, Ohio
Amount:	\$ 57,777.00
Estimate:	\$ 60,000.00
Mechanical Contract:	Holdridge Mechanical, Columbus, Ohio
Amount:	\$ 50,430.00 *
Estimate:	\$ 55,000.00 *
Total All Contracts:	\$108,207.00 *
Contingency Allowance:	\$ 9,093.00 (8.4% of construction cost)
Total Project Cost:	\$120,000.00 *

October 5, 1990

REPORT OF AWARD OF CONTRACTS AND ESTABLISHMENT OF CONTINGENCY FUNDS

GRAVES HALL MECHANICAL IMPROVEMENTS

Tabulation of Bids

Bids received by The Ohio State University on July 18, 1990. Bids opened by Tamara Bell and tabulated by John Cook. Awards indicated with an "\*".

<u>General Contract</u>	<u>Estimate</u>	<u>Righter *</u>	<u>Waller/Lund</u>
Base Bid	\$60,000.00	\$57,777.00	\$61,230.00
Total General Contract	\$60,000.00	\$57,777.00	\$61,230.00

<u>Mechanical Contract</u>	<u>Estimate</u>	<u>Holdridge *</u>	<u>Farber</u>
Base Bid	\$50,000.00	\$42,945.00	\$52,400.00
Alt. M-1 (Stainless Steel)	5,000.00	7,485.00	7,600.00
Total Mechanical Contract	\$55,000.00	\$50,430.00	\$60,000.00

**Report of Award of Contracts and  
Establishment of Contingency Funds (contd)**

Background (contd)

Veterinary Hospital Improvements

This project will make corrections to the ventilation system, replace laboratory casework, and floor resurfacing in the large animal wards. The total project cost is \$420,342.00; funding is provided from Senate Bill 336 (\$403,342.00) and Veterinary Medicine funds (\$17,000.00). The estimated completion date is April 1991. The contracts awarded are as follows:

HVAC Contract:	J. A. Guy, Inc., Dublin, Ohio
Amount:	\$279,700.00
Estimate:	\$290,000.00
Electric Contract:	Romanoff Electric , Dublin, Ohio
Amount:	\$ 60,080.00 +
Estimate:	\$ 55,000.00 +
Total All Contracts:	\$339,780.00
Contingency Allowance:	\$ 32,639.00 (9.6% of construction cost)
Total Project Cost:	\$420,341.00

+The Electric Contract is in excess of the filed estimate of cost; however, the total price of all contracts is within 10% of the total estimate of costs and is recommended for award as provided by Section 153.12 of the Revised Code.

October 5, 1990

REPORT OF AWARD OF CONTRACTS AND ESTABLISHMENT OF CONTINGENCY FUNDS  
 VETERINARY HOSPITAL IMPROVEMENTS - LARGE ANIMAL HOLDING AREA

Tabulation of Bids

Bids received by State of Ohio, Division of Public Works on June 26, 1990. Bids opened by Geri Hendrickson and tabulated by Elizabeth Foster. Awards indicated with an "\*\*".

<u>HVAC Contract</u>	<u>Estimate</u>	<u>J A Guy *</u>	<u>Farber</u>	<u>Marco</u>
Base Bid	\$290,000.00	\$279,700.00	\$315,600.00	\$318,000.00
Total HVAC Contract	\$290,000.00	\$279,700.00	\$315,600.00	\$318,000.00
Alternates not taken:				
Alt. H-1 (HV-1 System)	\$32,251.00	\$58,000.00	\$65,000.00	\$69,000.00
Alt. H-2 (Exhaust Extension)	12,289.00	30,000.00	29,400.00	36,000.00
<u>Electric Contract</u>	<u>Estimate</u>	<u>Romanoff *</u>	<u>Newco</u>	<u>Demos</u>
Base Bid	\$55,000.00	\$60,060.00	\$64,720.00	\$66,000.00
Total Electric Contract	\$55,000.00	\$60,060.00	\$64,720.00	\$66,000.00
Alternates not taken:				
Alt. E-1 (HV-1 System)	\$8,000.00	\$9,550.00	\$9,791.00	\$7,036.00
Electric Contract (Continued)	<u>Electric Power</u>	<u>Claggett</u>	<u>Walls-Carroll</u>	
Base Bid	\$67,000.00	\$82,860.00	\$121,081.00	
Total Electric Contract	\$67,000.00	\$82,860.00	\$121,081.00	
Alternates not taken:				
Alt. E-1 (HV-1 System)	\$10,290.00	\$11,060.00	\$18,139.00	

**Report of Award of Contracts and  
Establishment of Contingency Funds (contd)**

Background (contd)

Brown Hall Roof Replacement

This project will replace the deteriorated roof on Brown Hall. The total project cost is \$374,053.00; funding is provided by Senate Bill 336. The estimated completion date is May 1991. The contract awarded is as follows:

General Contract:	Fred Christen & Sons, Toledo, Ohio
Amount:	\$283,000.00 +
Estimate:	\$267,071.00 +
Total All Contracts:	\$283,000.00
Contingency Allowance:	\$ 22,640.00 (8% of construction cost)
Total Project Cost:	\$374,053.00

+The General Contract is in excess of the filed estimate of cost; however, the total price of all contracts is within 10% of the total estimate of cost and is recommended for award as provided by Section 153.12 of the Revised Code.

October 5, 1990

REPORT OF AWARD OF CONTRACTS AND ESTABLISHMENT OF CONTINGENCY FUNDS

BROWN HALL ROOF REPLACEMENT

Tabulation of Bids

Bids received by State of Ohio, Division of Public Works on July 17, 1990. Bids opened by Geri Hendrickson and tabulated by Elizabeth Foster. Awards indicated with an "\*".

<u>General Contract</u>	<u>Estimate</u>	<u>Christen *</u>	<u>General Preservation</u>	<u>Becker</u>
Base Bid	\$267,071.00	\$283,000.00	\$316,278.00	\$524,442.00
Total General Contract	\$267,071.00	\$283,000.00	\$316,278.00	\$524,442.00

**Report of Award of Contracts and  
Establishment of Contingency Funds (contd)**

Background (contd)

Rightmire Hall Renovation - Phase II, Demolition

This project will renovate the approximately 23,347 gross square feet on the ground floor and approximately 38,008 gross square feet on the first floor of Rightmire Hall to house new research laboratories for the Biotechnology Center. The total project cost is \$9,234,535.00; funding is provided from University bond proceeds (\$7,000,000) and an anticipated Board of Regents research grant. The estimated completion date is November 1991. The contracts awarded are as follows:

General Contract:	Sherman R. Smoot Co., Columbus, Ohio
Amount:	\$3,017,000.00
Estimate:	\$4,389,109.00
Plumbing Contract:	J. A. Croson Co., Columbus, Ohio
Amount:	\$1,357,042.00 +
Estimate:	\$1,095,386.00 +
HVAC Contract:	J. A. Croson Co., Columbus, Ohio
Amount:	\$2,266,000.00
Estimate:	\$2,359,695.00
Electric Contract:	Romanoff Electric, Dublin, Ohio
Amount:	\$1,246,400.00
Estimate:	\$2,176,705.00
Total All Contracts:	\$7,886,442.00
Contingency Allowance:	\$ 473,186.54 (6% of construction cost)
Total Project Cost:	\$9,234,535.00

+The Plumbing Contract is in excess of the filed estimate of cost; however, the total price of all contracts is within 10% of the total estimate of cost and is recommended for award as provided by Section 153.12 of the Revised Code.

October 5, 1990

REPORT OF AWARD OF CONTRACTS AND ESTABLISHMENT OF CONTINGENCY FUNDS  
 BIOTECHNOLOGY CENTER PHASE II - RIGHTMIRE HALL

Tabulation of Bids

Bids received by State of Ohio, Division of Public Works on July 31, 1990. Bids opened by Gen Hendrickson and tabulated by Elizabeth Foster. Awards indicated with an \*.

<u>General Contract</u>	<u>Estimate</u>	<u>Smoot *</u>	<u>Miles-McClellan</u>	<u>Central Ohio Building</u>
Base Bid	\$4,389,109.00	\$3,017,000.00	\$3,020,000.00	\$3,249,000.00
Total General Contract	\$4,389,109.00	\$3,017,000.00	\$3,020,000.00	\$3,249,000.00
<u>General Contract (Continued)</u>	<u>DiCasare</u>	<u>Messer</u>	<u>Altman</u>	<u>Cozy Zeigler</u>
Base Bid	\$3,258,000.00	\$3,291,000.00	\$3,575,434.00	\$4,575,000.00
Total General Contract	\$3,258,000.00	\$3,291,000.00	\$3,575,434.00	\$4,575,000.00
<u>Plumbing Contract</u>	<u>Estimate</u>	<u>J.A. Croson *</u>	<u>Bruner</u>	
Base Bid	\$1,095,386.00	\$1,357,042.00	\$1,910,000.00	
Total Plumbing Contract	\$1,095,386.00	\$1,357,042.00	\$1,910,000.00	
<u>HVAC Contract</u>	<u>Estimate</u>	<u>J.A. Croson *</u>	<u>Sauer</u>	<u>J.A. Guy</u>
Base Bid	\$2,359,695.00	\$2,266,000.00	\$2,328,600.00	\$2,595,000.00
Total HVAC Contract	\$2,359,695.00	\$2,266,000.00	\$2,328,600.00	\$2,595,000.00
<u>Electric Contract</u>	<u>Estimate</u>	<u>Romanoff *</u>	<u>Buckeye</u>	<u>Jess Howard</u>
Base Bid	\$2,176,705.00	\$1,246,400.00	\$1,416,000.00	\$1,464,000.00
Total Electric Contract	\$2,176,705.00	\$1,246,400.00	\$1,416,000.00	\$1,464,000.00
<u>Electric Contract (Continued)</u>	<u>Electric Power</u>			
Base Bid	\$1,494,700.00			
Total Electric Contract	\$1,494,700.00			

**APPENDIX XXVII**

**55.4 ACRES IN SOUTHWEST FRANKLIN COUNTY**

**Adopted by the Board of Trustees, October 5, 1990  
(See page 421)**

## **Sale of Real Property**

### **Background**

55.4 Acres in Southwest Franklin County

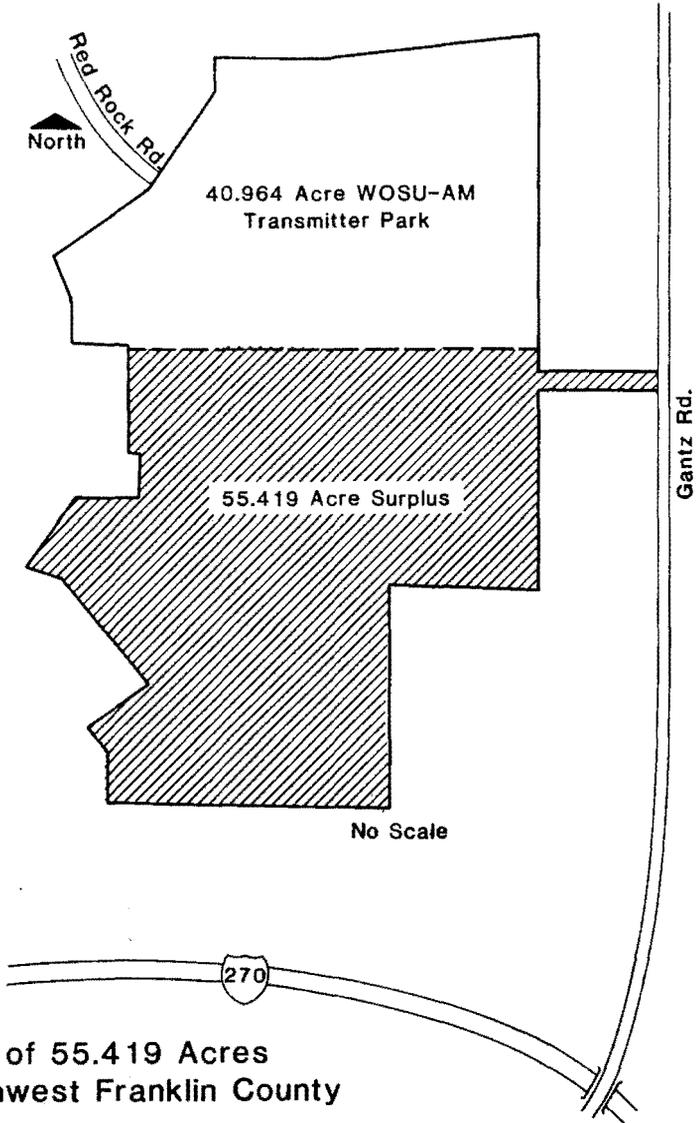
### **Description and Location**

The property consists of approximately 55.4 acres of undeveloped farmland in southwest Columbus. The property is south of Big Run Road and west of Gantz Road, about one-half mile north of Interstate 270.

### **Acquisition and Use**

In December 1986, the University purchased approximately 98.4 acres (of which the 55.4 acres represents roughly the southern portion) from Kenyon College for a total purchase price of \$300,000.00. Funds for the purchase came from the WOSU Stations through the Friends of WOSU. The University has used the northern portion of approximately 41 acres to provide the WOSU-AM night broadcasting antenna site. The southern portion of 55.4 acres is not needed by the WOSU Stations or for any other University purpose.

An appraisal by The Robert Weiler Company in August 1990, valued the entire 98.4 acre tract at \$4,500.00 per acre, resulting in a value of approximately \$249,300.00 for the 55.4 acres. Deltar, Inc., of Columbus, has offered to purchase the property for \$325,000.00. The net proceeds from the sale would be used by the WOSU Stations to support WOSU-AM programming.



**Sale of 55.419 Acres  
in Southwest Franklin County**

**Office of Business and Administration  
October 5, 1990.**

Page 490 Blank

THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND TWO HUNDRED AND SIXTY-SEVENTH MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, November 2, 1990

The Board of Trustees met at its regular monthly meeting on Friday, November 2, 1990, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

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Minutes of the last meeting were approved.

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November 2, 1990 meeting, Board of Trustees

The Chairperson, Mrs. Bowser, called the meeting of the Board of Trustees to order on November 2, 1990, at 11:20 a.m. She requested the Secretary to call the roll.

Present: Shirley D. Bowser, Chairperson, Hamilton J. Teaford, John J. Barone, Deborah E. Casto, John W. Kessler, Milton A. Wolf, Alex Shumate, Theodore S. Celeste, Sophia L. Paige, and David A. Tonnies.

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### PRESIDENT'S REPORT

President Gee:

It has been a busy and exciting month for the University, with a number of comings and goings, openings and celebrations. Let me just mention a few of the highlights if I may.

Coming to Ohio State this past month was Supreme Court Justice Anthony Kennedy, whose appearance was sponsored by our own honor students. It filled the Weigel Auditorium to capacity.

Going were PCB's. It was announced that we completed the project to remove the PCB coolant, a toxic substance, from campus electrical systems before the federally mandated deadline.

Coming to campus was Marilyn Quayle for the celebration of the grand opening of The Arthur G. James Cancer Hospital and Research Center. She joined Dr. Robert Schweitzer, national president of the American Cancer Society, for this important occasion.

Also coming to our Columbus campus this month was Ohio State's recycling program. Did you know that this University produces over 7,000 cubic yards of waste paper per year! It might seem as if you receive that much at each of these meetings! Ohio State has been recycling paper and metals since 1965, and we are now implementing a pilot program in 12 buildings and a number of offices, including my own, to separate refuse and sort recyclables. This program complements the research we are doing on environmental issues, an area that deserves even more of our attention and effort. I really want to congratulate the students and the student leadership, as well as our own staff leadership in this regard. It is a remarkable program.

We had some other openings this month. Yesterday, we celebrated the opening of the Community Crime Patrol Office. It is a joint effort with the city and state to increase the observation and reporting of crime and promote crime prevention and personal safety efforts in the University area. I have seen the CCP in action, and it is an important part of our continuing effort toward campus safety.

Another opening about which we are excited is the dedication of the Wexner Arts Libraries. The University Fine Arts Library and the Cartoon, Graphic, and Photographic Art Research Library are up and running in the Wexner Center Complex.

November 2, 1990 meeting, Board of Trustees

## PRESIDENT'S REPORT (contd)

President Gee: (contd)

And, of course, Chairperson Bowser and I had the pleasure of participating in the ground-breaking ceremony for the addition to The Ohio State University Law Building. This addition, to be completed in 1992, will enable us to expand the law library, which is particularly important to the future strengths of the College of Law. I would just note, that in the Lantern today, our College of Law continues to lead the State law schools in terms of bar passage, which I think is to their benefit and clearly shows the leadership that our Law School is undertaking.

This has also been a month for anniversaries:

--We kicked off the 25th anniversary celebration of Ohio State at Mansfield. Let me say that I have already visited Mansfield, Marion, Newark, and Wooster, and I am extremely impressed with the good work being done on Ohio State's extended campuses across the state. On its silver anniversary, Ohio State at Mansfield has a great deal to be proud of, including an absolutely gorgeous campus.

--Synchronized swimming celebrated its 50th anniversary last weekend. Of course, this has been a center of excellence at this University, with our students and alumni representing us as Olympians and international medal winners. Coach Mary Jo Ruggieri is clearly the leader in this sport.

--This weekend we are helping playwright Jerome Lawrence celebrate his 75th birthday. Of course, this award winning author is one of our graduates and has been instrumental in the development of Ohio State's Lawrence and Lee Theatre Research Institute.

Our faculty continue to pursue interesting and important research. It was announced that we received nearly \$7 million from the United States Department of Education to establish the National Center for Science, Teaching, and Learning. This interdisciplinary center will place Ohio State at the forefront of science education -- an extraordinarily important academic initiative that will benefit all Ohioans and, in fact, our nation.

In the international arena, as part of our 1992 Columbian Quincentenary celebration, Ohio State has announced that we will head a team of American experts, working with Italy's Polygraphic Institute and Mint of the State, to translate Christopher Columbus's diary and other books concerning his life and times, making them available to American scholars. The volumes will include newly edited documents from Columbus's time and updated research on his life and work.

Recognition continues to come to the good people of this University in many forms. Ohio State was honored by the United Negro College Fund this month at their 46th annual dinner. In addition to the well-deserved recognition of former president Ed Jennings, the UNCF also honored the University for its partnerships with UNCF colleges, particularly in encouraging graduate and professional studies at Ohio State.

**PRESIDENT'S REPORT (contd)**

President Gee: (contd)

Ohio State also is proud to be participating in the University Consortium for Research and Development, a group of 14 Black institutions paired with 7 midwestern research universities. Our partners are North Carolina, A & T, and Hampton University. We will conduct joint projects with exchange students and faculty to strengthen the research base and research opportunities for all institutions involved.

And I am proud to share with you that an Ohio State student has received the National Football Foundation Hall of Fame Award, a \$10,000 fellowship for graduate education. It was announced this week that Greg Frey, an English major and History minor from Cincinnati, and Ohio State's second all-time leading passer, was among the eleven football players across the country to receive this honor. And I might note, again, that this is a remarkable recognition for Greg. The recipients are selected on academic performance, athletic ability, and leadership in the community. Since the inception of the award, thirteen Ohio State students have been winners. The rest of the Big Ten together can claim only 11 such awards. We can be proud of our student athletes.

Speaking of athletics, last weekend, we celebrated Homecoming. An extraordinary group of undergraduate students was chosen by a faculty and alumni interviewing committee for the homecoming court. The Homecoming King, Bryan Selby, is a senior in the College of Engineering from West Chester, Ohio. I first met Bryan as president of his fraternity, Kappa Sigma, when I visited the house, and he and I went out one Friday night to see the High Street scene. The Homecoming Queen, Diane Straub, is also a senior. She is from Akron, and will receive two degrees, one from the College of Agriculture in Nutrition, and the other an Arts and Sciences degree in microbiology. Diane is applying to medical school and, coincidentally, works in my office. They are outstanding young people--scholars and leaders--who represent us so well. They are, after all, the reason we are here.

As the pace begins to quicken around the University, I can assure you on this second day of November, that another productive and enjoyable month is ahead for our University.

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**REPORT ON AUTUMN QUARTER ENROLLMENT**

Mr. Shkurti:

In your Board book there is a report entitled, "Highlights of Fourteenth Day Enrollment for the Autumn Quarter 1990" prepared by the University Registrar. You are also receiving a handout which is a summary of that same report. What we've tried to do is extract from that report those numbers and issues we feel are important for the Board of Trustees.

**REPORT ON AUTUMN QUARTER ENROLLMENT (contd)**

Mr. Shkurti: (contd)

The four issues that I will be reviewing are as follows: 1) what is our current enrollment; 2) what is the composition of the student body beyond the overall number; 3) what progress has been made at increasing minority enrollment; and 4) what are the implications of these changes and these trends for the future. Each one of these questions is on a separate page. If you will turn to page I.A. of the summary, I will deal with the issue of Autumn 1990 Enrollment by campus.

The first and most important number is the total enrollment. The total enrollment this fall is 60,165, the highest total enrollment in the University's history. Secondly, the Columbus Campus enrollment is the highest since 1980. At the Lima Campus, the enrollment is up. But at the other three extended campuses, Newark, Marion, and Mansfield, enrollment is slightly down. And, finally, the Agricultural Technical Institute in Wooster continues to regain enrollment that it lost in the 1980's.

The next issue is the composition of enrollment on the Columbus Campus. The number of new first quarter freshmen is 6,072, and that is the lowest level since Autumn Quarter 1966. On the other hand, our retention of new first quarter freshmen from last year is at its highest level ever, 83.4 percent. So it shows that the policy the University embarked upon, which was increasing retention and getting more students to stay, has been successful so far.

Third, the number of continuing undergraduate students is the highest since that statistic was first recorded in Autumn Quarter 1974. Graduate enrollments have increased slightly, while professional enrollments remain steady. You'll notice the specific numbers that amplify those statements on the next page. Again, the number of new first quarter freshmen has declined for undergraduates, but transfers, returning, and continuing students has increased. That is the reason the total number of undergraduate students has gone up. The total number of graduate students has gone up as well, and the number of professional students has remained virtually the same.

The next issue is minority enrollment. This Autumn Quarter, minority enrollment of 5,102 on the Columbus Campus is at its highest level in the last 10 years. It is up 454, or 9.8 percent, from Autumn Quarter 1989. So the minorities now represent 9.43 percent of the student population on the Columbus Campus. Another number we are very proud of is the retention of black new first quarter freshmen. It has risen to 73.5 percent; 19.5 percent higher than in 1986, and the highest level in history. Again, it is a little lower than it is for white new first quarter freshmen, but the gap is closing steadily, and we are really happy with that figure.

Mr. Barone:

What constitutes a minority?

Mr. Shkurti:

Mr. Barone, that is on the next page under Autumn 1990 Columbus Campus Minority Enrollment.

**REPORT ON AUTUMN QUARTER ENROLLMENT (contd)**

Mr. Barone:

I see that. The reason I ask is that you have the American Indian listed as a minority. How are the categories selected?

Mr. Scott:

John, as you may recall many years ago, the Federal Government, more specifically the Department of Education, tried to come up with broad categories of individuals who would be classified as a minority for statistical purposes. What you see here represents categories as defined by the Department of Education for recording purposes.

Mr. Shkurti:

On page IV we have the Summary and Implications. First, I should summarize in response to the questions I laid out at the beginning. As I said, our current enrollments is 60,165. Now that is the number of students, not the full time equivalent. It is clear the University continues to attract students at virtually all levels. Secondly, the composition of the enrollment of the University is shifting. It is going from freshmen to upperclassmen, transfer students, and graduate students. Third, our minority enrollment and retention of minorities is increasing, although slowly.

We must look at the implications of this in terms of the amount of money we might expect from the State since our State subsidy, which is our single largest source of income, is based on the number of students we have. At this point in time, and I think these figures should hold up, it looks like the additional enrollment that we carried in this fall should translate to about \$2 million more than we anticipated at the time the budget was passed in June. We will show it on the budget when we do the budget revisions in February, indicating the mid-year revisions. But I should also caution everyone that we are in somewhat of a dynamic situation economically and budget-wise in the State. What the State gives us with one hand, they can always take away with the other. But we will be monitoring that situation carefully, and will have a more refined estimate for you when we do the budget revisions at mid-year.

Again, these additional students do mean additional income. We are not exceeding the enrollment caps that the Board of Regents has put on Ohio State University, so we will suffer no enrollment penalties. So, in some ways we have the best of all worlds. And any finance person is nervous when things go that well, it usually means that something bad is due to happen sooner or later. But at this point, the \$2 million dollars is a pretty good estimate and that will be additional income that we can apply to various University issues.

The second implication from this comes from the demographic trends that the country has gone through. If you take a look at the attached chart, it shows both a projection and an estimate prepared by the Ohio Department of Education, on the number of students that will eventually be graduating from Ohio high schools. You can see from a peak of nearly 152,000 in 1989, the State is expected to drop to about 122,000 high school seniors by 1994. And, of course, that is part of the pool this University draws from in terms of recruiting new first quarter freshmen. So, that not only Ohio State University, but all the other universities in the State and around

**REPORT ON AUTUMN QUARTER ENROLLMENT (contd)**

Mr. Shkurti: (contd)

the country will be recruiting intensely from what is a decreasing pool because these trends in Ohio are also in effect nationally.

I should also point out that although the numbers are expected to decline steadily through 1994, as the children of the "baby boom" generation start to grow up and move through the high schools, the number of high school graduates will begin to increase starting in 1995, on a fairly steady basis.

Mrs. Bowser:

That is a very dramatic curve, isn't it?

Mr. Shkurti:

Yes it is. And, again, it is important to realize that the curve has the bottom cut out from zero to 120, which tends to exaggerate in some ways the change, but it is still a very dramatic change. With any kind of projections one has to be suspect, but these are population projections. So, in other words, we know that students that are in 8th grade now, 4 years from now will be in 12th grade. So, as projections go, these are fairly good numbers.

The implications for this in terms of the composition of the student body, and I think we are already seeing it this fall, is that it will be more difficult to attract traditional new first quarter freshmen. But there are other sources of students for the University: 1) is to improve retention of the students that are already here, and we have already seen some good progress on that level; 2) to take more transfer students, and, again, the number of transfer students is up this fall; and 3) more graduate and professional students. Another place to look, if a decision is made to keep a consistent enrollment growth, is at non-traditional students that are in the work force who might come back to the University.

That in turn leads to the fourth implication in terms of what these numbers mean for the size of the institution. Obviously, if the number of available new first quarter freshmen continue to decline the University is faced with a number of important decisions and these have to be approached very carefully.

One decision is what we do about recruitment of new students and retention of the students that are already here. Another is what we do about replacing perhaps a smaller number of new first quarter freshmen with more graduate students or transfer students. In turn, those decisions have implications for the amount of income or resources that the University has. They have implications for minority enrollments and for admissions and selective admissions. They have implications for student housing and a variety of areas. All of these implications -- and there are quite a few of them -- will be carefully reviewed over the next few months. And the President has already indicated to us on the staff that he wants a careful review of those implications -- and I have to stress a careful review. I should also add all of the political implications, in terms of the expectations of the State and the State Legislature about our enrollments as well. And we look forward to working with the Board on addressing these issues over the coming months, and doing that which makes the most sense for The Ohio State University.

November 2, 1990 meeting, Board of Trustees

**REPORT ON AUTUMN QUARTER ENROLLMENT (contd)**

Mr. Shkurti: (contd)

Let me stop at this point and see if there are any questions. And because, by trade, I am a budget person, not an enrollment person, I have also asked Gene Schuster, the University Registrar, and Jim Mager, the Director of Admissions, to both be here today. So if there is a question I can't field, I will turn to them.

Mrs. Bowser:

Thank you, Bill.

Mr. Teaford:

Madam Chairperson, I just want to recheck one statistic. The numbers indicated four graduate students under the age of 14. I suspect that is not correct, but I would like to meet them if they are here.

Mr. Shkurti:

Madam Chairperson, if I may defend Mr. Schuster's report, which was done very carefully. Although we believe in a diverse campus, we do not have any graduate students that are 17 or under. As you know, because this is a big campus, we have to rely on computers to do a lot of our computations. As I understand it, when a birth date is not clear on the student record, the computer automatically kicks it into what would be called a default category. Out of the 60,000 students that we have, there were only 4 birth dates that we couldn't track down. I think that is an excellent record. It is my understanding that the registrar will be working diligently over the next quarter to nail down the exact birth dates of those four mystery students.

Mrs. Bowser:

Actually this was a test Joel was putting you up to. I'm not sure, but I think he knew the answer. Are there any other questions?

Ms. Casto:

As part of our first quarter freshmen enrollment, what were our projectile figures that we wanted to meet compared to what the actual figures were?

Mr. Mager:

When we started the admission process last fall, our target was 6,300. But, again, we ended up with a class of 6,072, so we came a little bit short on that.

Ms. Casto:

This also happened last year. Are we seeing a trend here?

**REPORT ON AUTUMN QUARTER ENROLLMENT (contd)**

Mr. Mager:

Definitely. Ohio State is certainly seeing a trend. We had a 12 percent decline in applications. We attribute much of that to the declining population in the State of Ohio and in the surrounding states. We also attribute some of that to self-selectivity that students in the lower parts of their class realized that they probably weren't going to be admissible or to succeed at Ohio State. We surveyed that very carefully and those were the two major trends that we saw.

Amb. Wolf:

I think also, Madam Chairperson, that the growth of the regional state schools such as Cleveland State in my area, would quite naturally take some of the potential freshmen enrollment from a school such as Ohio State University. And those regional state schools are growing.

Dr. Hutchinson:

Perhaps we should report to the Board that when we detected this this winter, we did put a group together to really go to work on this and Jim and several others served on that. We have, in fact, taken several steps already to recruit more effectively and be more aggressive out there, and we have invested some money in Jim's office in order to get that under way. So, we are already trying to respond to this increased competition.

Ms. Casto:

I know that this was one of our concerns when we implemented selective admissions -- to make sure that we were in fact projecting what will come to the University as far as first quarter freshmen.

President Gee:

I might note on the selective admissions side that the most heartening part of the report is the much higher retention of students. In the end, what we are about as a University is not bringing students in, but about educating students when they're here and making certain that students are leaving with an Ohio State degree. I think clearly that is the healthy part of the trend, and one that we really want to make certain continues.

I've been talking a lot lately about the fact that I believe there really is a developing new majority out there. Bill calls them the non-traditional student. But, I think, as we see what is happening educationally, the new majority of students are really going to be those that are either job bound, or place bound, or a variety of other constraints that are put on them, but now really want to further their education. And this University has to be more willing to be user-friendly in that regard. And I think that is part of the challenge that we are taking a look at. Isn't that right, Mr. Provost?

November 2, 1990 meeting, Board of Trustees

**REPORT ON AUTUMN QUARTER ENROLLMENT (contd)**

Dr. Hutchinson:

Right. Also, it seems that the increase in transfers is something that we anticipated with the selective admissions. We would see people coming from places like Columbus State --

President Gee:

That also plays into Ambassador Wolf's commentary, too, that we clearly have some very fine regional universities in this State. But as the student makes it into the second tier, the upper level, many of them are finding that programs at some of the regional institutions are not quite what they want or are unavailable. So many of those students are taking a look at Ohio State as a place where they will finish their degree. And many of our very, very specific and highly honed programs offer another opportunity for us. By the way, that is what this University is about. The opportunity that we have because of the rich resource that we provide in terms of our curriculum and the development of that to be able to enhance other institutions clearly is a positive trend in many ways.

Mrs. Bowser:

And our Graduate School, too, has increased. I believe it increased last year also.

President Gee:

We have about 40,000 undergraduates, and about 15,000 graduate students when you count the professional schools.

Dr. Hutchinson:

There has been a plan to increase the graduate enrollment.

Ms. Casto:

I think it has a real positive effect.

Mrs. Bowser:

Any more discussion?

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**RESEARCH FOUNDATION REPORT**

Ms. Casto:

The Research Foundation Grants and Contracts for the first quarter of the fiscal year are shown in the Board agenda. There are 411 awards listed which provide a gross income of \$35 million. Funding for the quarter was 8.7 percent behind that of the first quarter of 1989. I would like to call on Dr. Sweeney to explain this decrease.

**RESEARCH FOUNDATION REPORT (contd)**

Dr. Sweeney:

Thank you, Ms. Casto. After coming off a fairly good year of solid growth, we have moved into a first quarter of some decrease. We believe that most of that is due to the uncertainty on the part of our principal sponsor, the federal government, and that once the budget problem is behind us that we will see a return to levels that we expect. Although, you don't have it in front of you October was an extremely good month. At the next Board Meeting, when we report on October, it will show that we are 1 percent behind. So we have made up essentially all the lost ground in this last month. I am very hopeful that the rest of the year will be less exciting than the first quarter and we will see, again, some solid growth. Thank you, Ms. Casto

Ms. Casto:

Thank you. I would like to highlight two awards:

First, faculty members in the Department of Preventive Medicine, Family Medicine, and Lifespan Processes received a grant for \$345,000 from the National Heart, Lung and Blood Institute for the smoking cessation program for Southeast Asians.

The number of Asian/Pacific Islanders in the United States has a higher percentage increase than that of any other ethnic group. Approximately 60 percent of all these new Americans are economically disadvantaged. Many are enrolled in public assistance programs or suffer from unemployment. Compounding the problem posed by poverty are cultural, linguistics, and other barriers of health care. The most important preventable cause of death and perhaps the most serious chronic disease risk factor of South East Asian men is smoking. The program designated by this multidisciplinary OSU team trains Southeast Asians as peer counselors and offers ethnically specific smoking cessation intervention programs.

Also, Professor Richard Sayer in Biochemistry received a grant of \$150,000 from the International Department of Cooperation Agency for a project on reduced cyanide toxicity in cassava.

Cassava, among all other major crop plants, is perhaps the crop most associated with farmers in tropical third-world countries. Cassava is regarded as an insurance crop which can be "counted on" to grow under difficult environmental conditions. In several regions of the world currently experiencing growing population pressures and environmental deterioration, cassava is the major source of calories. Dr. Sayre aims to genetically engineer cassava so that residual toxins may be removed during processing, but steady state levels are not reduced in living plants and thus may continue to protect the plant. The development of cassava varieties with reduced cyanide toxicity would be most beneficial to populations which subsist on cassava. In addition, given cassava's ability to grow and survive in drought conditions, cassava could help stabilize agricultural production in dry regions of the world.

And that concludes my report.

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## HOSPITALS BOARD COMMITTEE REPORT

Mr. Teaford:

The Administrative/Operations, Executive, and Strategic Planning Committees of the Hospitals Board met on Thursday, October 18, 1990.

The major agenda item for the Administrative/Operations Committee involved review and approval of the University Hospitals' proposed 1990-91 Renovation, Construction, and Equipment Budget and the five-year capital plan. The Committee approved carrying forward with prior commitments and authorized an additional \$7 million for current year capital commitments. The Committee agreed that with the limited resources and uncertainties about federal and local budgetary decisions, it is not prudent to go beyond \$7 million for this fiscal year. However, the Committee is concerned that the OSU Hospitals' capital equipment and construction needs are being minimally met at this level of funding. The need for more financial support from legislative and philanthropic sources was also discussed.

The Administrative/Operations Committee also received a report on safety statistics; reviewed the status on Certificates of Need projects; and received information reports on the CHRI service contracts. As you know, many of the essential services in the Hospitals are being provided by the University Hospitals under a contract. University Hospitals' managed care strategy was also discussed, as well as the MedOhio operations.

In the Executive Committee meeting, the Committee endorsed the capital budget and five-year plan. Dr. Kramer informed the Committee that Dodd Hall received a very positive report and a full three-year accreditation as a result of the recent survey by the Commission on Accreditation of Rehabilitation Facilities. When I met briefly with that group, it was clear that they are honored to be at what they consider the premier rehabilitation facility in the country.

The Executive Committee also discussed the unusually high census for September and early October and the resultant impact on operations and staffing. Through that point we had been averaging 600 patients per day, but had projected in the budget only 520 patients per day. It was noted that with the implementation of the Nursing Task Force recommendations and aggressive recruitment and retention strategies, University Hospitals enjoyed its greatest success in recruitment and the reduction of nursing turn over rates in the past six years. Perhaps the single greatest problem in the Hospitals today is that there are not enough nurses, but we have made real progress in that area.

The preliminary financial and statistical report indicated that September was a good month for the Hospitals. Patient activity was high -- admissions, Clinic visits, and Emergency Room visits were all above budget. Patient revenue for the first three months of the fiscal year was almost \$10 million above budget. The Hospitals' cash position continues to improve with significant positive changes during September. The year-to-date net income is \$200,000 over budget, which is unusual.

**HOSPITALS BOARD COMMITTEE REPORT (contd)**

Mr. Teaford: (contd)

Mr. Walter McLarty, Administrator for Human Resources, described University Hospitals' new PACE program -- a criteria based employee appraisal system which allows evaluation of performance based on criteria and standards established jointly by supervisors and employees. Mr. Bruce Pontious updated the Committee on development activities and Ms. Nancy Grover discussed several recent newsworthy events including the Dodd Hall patient and staff reunion held October 7. Mr. Fraley's report included reference to the first annual Executive Director's Awards Dinner, where some 70 outstanding employees would be honored for their commitment to University Hospitals' patients.

Finally, at the Strategic Planning Committee meetings, Ms. Cathy Bruno presented a Market and Service Analysis to measure performance as compared with the 1990-91 strategic planning goals. Ms. Bruno's very thorough report was very helpful and easily understood. The report reaffirmed some strategic actions already taken and will be the basis for continuing budget decisions. I want so say that the report also highlighted how important strategic planning is and how much it makes a Trustee's job more meaningful. It makes it possible for Trustees to determine whether the organization is indeed accomplishing what it intends. It also becomes a very good forum for revising the goals of the institution in a logical fashion.

The report also emphasized the patient volume and financial strength of the Women and Infants, Cardiovascular, and Eye programs, and identified which areas of the State are sources for patient referrals. Also, we saw areas where our pricing is not keeping pace with the excellence of the care available, and I think there will be some changes in that regard. The Committee was informed of a marketing proposal aimed specifically at OSU alumni.

Madam Chairperson, that concludes my report.

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**INVESTMENTS COMMITTEE REPORT**

Mr. Teaford:

The Investments Committee met yesterday afternoon and, again, this morning. First with regard to the Endowment Portfolio, there has been an increase in the portfolio of \$1.5 million since my report last month. This is due, in part, to the \$4.2 million in additions to the fund and to the moderation of the stock market decline, but unfortunately not to the elimination of that. There have been nearly \$10 million in additions to the Endowment Fund since June 30, and the percentage and equities in fixed income securities has now been adjusted. Due to the decline in the stock market, we now have 47 percent in equities and 27 percent in fixed income -- the battles being in real property and cash.

(See Appendix XXVIII for a complete context of The Ohio State University Endowment Summary, October 19, 1990, page 555.)

**INVESTMENTS COMMITTEE REPORT (contd)**

Mr. Teaford: (contd)

We, also, received a report on the development fund for this fiscal year through the end of September. The number of donors is up from 14,000 to 16,000 and the dollars are up 92 percent from last year to \$12.4 million. This increase is largely due to estates and deferred gifts which came through in this period. One of those estates, I understand, is an expectancy we have had for some twenty years.

(See Appendix XXIX for a complete context of The Ohio State University Foundation and Development Fund Receipts, page 571.)

Yesterday, the Investment Review Committee met for five hours with the seven equity advisors of the Board, including the student managers. After the student managers presented their report we did permit them to stay and see the competition, a courtesy we do not afford the other investment managers. We are satisfied that all those equity managers are doing as well as possible considering the current equity market. As a result of those meetings, the Investments Committee is recommending to this Board some additions of cash to four of our investment advisors. We are recommending an increase of \$5 million in the Lazard Fixed Income Index Fund; \$2.5 million added to the Ginnie Mae Fund managed by the Treasurer's Office; \$7.5 million to the Wells Fargo Standard and Poor Index Fund; and \$5 million to Nicholas-Appelgate, the most successful of our equity managers over the past year. You'll note, in particular, that the bulk of that money is going into index funds which we think given the size of our endowment, makes a great deal of sense. You have in your agenda books a recommendation regarding the reappointment of the investment advisors. You'll notice that the initial balances have been increased by the amounts that I have just mentioned.

**REAPPOINTMENT OF INVESTMENT ADVISORS**

Resolution No. 91-45

Synopsis: The Investments Committee recommended the approval of the Reappointment of Investment Advisors.

WHEREAS it is the policy of The Ohio State University to utilize the services of external Investment Advisors to assist in the management of the University's Endowment Fund; and

WHEREAS the Investments Committee of the Board of Trustees periodically reviews the results obtained by the external Investment Advisors and the amount of funds assigned to each of them; and

WHEREAS it is prudent investment policy to adjust the mix and amounts of money assigned to external Investment Advisors as economic conditions change; and

WHEREAS the Investments Committee has also directed the Treasurer to maintain University Managed funds which primarily consist of gifts; and

WHEREAS the number of external Investment Advisors and the amount of funds assigned to them and the Treasurer shall be determined by the Board of Trustees:

November 2, 1990 meeting, Board of Trustees

**REAPPOINTMENT OF INVESTMENT ADVISORS (contd)**

NOW THEREFORE

BE IT RESOLVED, That upon the recommendation of the Investments Committee of the Board of Trustees the following named external Investment Advisors shall be reappointed to counsel in the management of Endowment Fund investments totaling the initial amounts indicated:

	<u>Initial Amounts</u>	<u>Market Value as of 10-19-90</u>
Boatmen's Trust Company (Fixed Income)	\$30,000,000	\$27,472,970
The Chicago Corporation (Equities)	\$17,500,000	\$31,685,585
Duff and Phelps Investment Management Company (Fixed Income)	\$10,000,000	\$10,111,639
W.R. Lazard and Company (Fixed Income Index Fund)	\$15,000,000	\$ 9,850,097
R. Meeder and Associates, Inc. (Small Capitalization Index Fund)	\$15,000,000	\$ 9,595,750
Neuberger & Berman Mutual Funds:		
Guardian Fund	\$ 2,000,000	\$ 7,138,119
Partners Fund	\$ 1,000,000	\$ 4,857,147
Nicholas-Applegate Capital Management (Equities)	\$15,000,000	\$12,628,411
Siebel Capital Management, Inc. (Equities)	\$13,500,000	\$30,885,022
STW Fixed Income Management, Inc. (Fixed Income)	\$30,000,000	\$27,675,464
University Managed (Equities)*	\$14,119,268	\$24,696,968
University Managed (Fixed Income)*	\$ 435,813	\$ 205,710
University Managed (GNMA's)	\$12,500,000	\$10,013,919
University Managed (Students)	\$ 5,000,000	\$ 4,802,041
Wells Fargo Investment Advisors (Standard and Poor 500 Index Fund)	\$37,500,000	\$26,860,149
Wells Fargo Investment Advisors (International Equity Index Fund)	\$10,000,000	\$ 8,449,318

\* Varies with receipt and sale of gifts.

November 2, 1990 meeting, Board of Trustees

**REAPPOINTMENT OF INVESTMENT ADVISORS (contd)**

Upon motion of Mr. Teaford, seconded by Mr. Casto, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

Mr. Teaford:

Finally, Madam Chairperson, we have received the preliminary NACUBO Report which is the report on the endowment performances of all the major universities in the country. We continue to be consistently near the median in terms of the production of our investments, which is the goal of this body. If we are near the median we feel we are being neither too risky nor too wimpish. We will have a full report on this next month. That completes my report, Madam Chairperson.

Mr. Kessler:

Joel, several years ago we brought in an outside group to evaluate our investment managers, as well as look at the recommended mix between cash, real estate, fixed, and equities. I wonder if there is any plan to look at that again, as the portfolio becomes larger?

Mr. Teaford:

I am glad that you raised that question, because one of the things we did by these increases in the capital, was to more nearly conform to that recommendation of last year. I think the recommendation was --

Mr. Nichols:

Sixty percent in equities, 25 percent in fixed income, and 15 percent in real estate.

Mr. Teaford:

So these additions more nearly conform to that.

Mr. Kessler:

I also think that we should continue to evaluate them, in terms of how they are performing verses their peer groups in the country and endowments. The one who has a good year this year may not be the one who is good next year. I think that is something that is prudent and something we should do as a Board.

Mr. Teaford:

And, indeed, their reports did demonstrate to us that they are all above average compared to their peers even though it is a down market.

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**ACADEMIC AFFAIRS COMMITTEE REPORT**

Mr. Kessler:

Thank you, Madam Chairperson. We met this morning and had a very interesting discussion from Dr. Robert Arnold on the implication of the general education curriculum. The Committee is also recommending the following:

**NEW DEGREE PROGRAM**

Resolution No. 91-46

Synopsis: The Academic Affairs Committee recommended the approval of the establishment of a Bachelor of Science in Materials Science and Engineering degree program.

WHEREAS the College of Engineering has proposed a new degree program in the Department of Materials Science and Engineering to be complementary to revisions in the existing Ceramic Engineering and Metallurgical Engineering programs; and

WHEREAS the dominant materials of construction in industrial societies are being supplemented or replaced by new and improved materials at an ever-increasing rate and it has become important to prepare engineers capable of taking innovative approaches to the solution of technical problems involving these materials; and

WHEREAS the proposed degree will allow the College of Engineering to respond to changes in the metallurgical, ceramic, and electronic industries; to enhance recruitment of undergraduate students; and to offer greater flexibility of study for students interested in a range of materials options; and

WHEREAS this new degree program has the approval of the College of Engineering and the Council on Academic Affairs and was approved by the University Senate at its October 13, 1990 meeting:

NOW THEREFORE

BE IT RESOLVED, That the proposal to establish the tagged degree Bachelor of Science in Materials Science and Engineering is hereby approved.

Upon motion of Mr. Kessler, seconded by Mr. Teaford, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**ESTABLISHMENT OF DIVISION**

Resolution No. 91-47

Synopsis: The Academic Affairs Committee recommended the approval to change the Center for Comparative Studies in the Humanities into the Division of Comparative Studies in the Humanities.

November 2, 1990 meeting, Board of Trustees

### **ESTABLISHMENT OF DIVISION (contd)**

WHEREAS the current administrative structure of the Center for Comparative Studies in the Humanities does not allow for suitable program development by this unit within the University; and

WHEREAS faculty members of the College of Humanities associated with the Center have requested that a Division of Comparative Studies in the Humanities be formed; and

WHEREAS divisional status for the Center would allow it to develop innovative programs in the areas of comparative literature, religious studies, and values, science, and technology; and

WHEREAS nine faculty in the College of Humanities desire to transfer to the Division if it were to be formed as a tenure-initiating unit; and

WHEREAS this proposed change has the endorsement and support of the College of Humanities, the approval of the Council on Academic Affairs, and the University Senate approved the proposal at its October 13, 1990 meeting;

NOW THEREFORE

BE IT RESOLVED, That the proposal to change the Center for Comparative Studies in the Humanities to the Division of Comparative Studies in the Humanities, effective immediately, is hereby approved.

Upon motion of Mr. Kessler, seconded by Amb. Wolf, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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### **RENAMING OF DEPARTMENT**

Resolution No. 91-48

Synopsis: The Academic Affairs Committee recommended the approval to rename the Department of Physiological Chemistry to the Department of Medical Biochemistry.

WHEREAS the proposed name change of the Department of Physiological Chemistry to the Department of Medical Biochemistry has been unanimously approved by the faculty of the Department and the College of Medicine Executive Committee; and

WHEREAS the Council for Research and Graduate Studies has approved the change of name for the Graduate programs in Physiological Chemistry; and

WHEREAS the present name is no longer appropriate to describe the composition of the department, its research interests, or its role in the College and the University; and

WHEREAS the proposed name change is in line with the national trend away from the use of the name of Physiological Chemistry; and

WHEREAS the term Physiological Chemistry has created a source of confusion for potential graduate students; and

November 2, 1990 meeting, Board of Trustees

**RENAMING OF DEPARTMENT (contd)**

WHEREAS these proposed changes have the approval of the Council on Academic Affairs, and was approved by the University Senate at its October 13, 1990 meeting:

NOW THEREFORE

BE IT RESOLVED, That the proposal to change the name of the Department of Physiological Chemistry to the Department of Medical Biochemistry, with concomitant name changes in the department's graduate programs, effective immediately, is hereby approved.

Upon motion of Mr. Kessler, seconded by Amb. Wolf, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**RENAMING OF DEPARTMENT**

Resolution No. 91-49

Synopsis: The Academic Affairs Committee recommended the approval to rename the Department of Geology and Mineralogy to the Department of Geological Sciences.

WHEREAS the proposed name change of the Department of Geology and Mineralogy to the Department of Geological Sciences has been approved by the faculty in the Department, and by the College of Mathematical and Physical Sciences; and

WHEREAS the Council for Research and Graduate Studies has approved the name change for the graduate programs in Geology and Mineralogy; and

WHEREAS the proposed name change is in accordance with the broad-based expertise of the faculty and characterizes the research and instructional interests of the Department; and

WHEREAS the proposed name change is in line with the national trend of naming comparable departments; and

WHEREAS the proposed changes have the approval of the Council on Academic Affairs, and was approved by the University Senate at its October 13, 1990 meeting:

NOW THEREFORE

BE IT RESOLVED, That the proposal to change the name of the Department of Geology and Mineralogy to the Department of Geological Sciences, with concomitant name changes in the department's graduate and undergraduate programs, effective immediately, is hereby approved.

Upon motion of Mr. Kessler, seconded by Mr. Teaford, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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November 2, 1990 meeting, Board of Trustees

**THE FRED N. VANBUREN PROFESSORSHIP IN FARM MANAGEMENT**

Resolution No. 91-50

Synopsis: The Academic Affairs Committee recommended the approval to change "The Fred N. VanBuren Professorship in Farm Management Fund" to "The Fred N. VanBuren Professorship in Farm Management."

WHEREAS in accordance with the guidelines previously established by this Board, "The Fred N. VanBuren Professorship in Farm Management Fund" was established on November 1, 1985; and

WHEREAS all gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates; and

WHEREAS at the time of the establishment of the endowed fund it was agreed that the fund be redesignated The Fred N. VanBuren Professorship in Farm Management when the funding reached the appropriate level; and

WHEREAS the funding has now reached the level required through unexpended earnings on the original investment:

NOW THEREFORE

BE IT RESOLVED, That The Fred N. VanBuren Professorship in Farm Management Fund be changed to The Fred N. VanBuren Professorship in Farm Management. In keeping with the provisions of the original endowed fund, the annual income shall be used to support the work of one or more outstanding professors in the College of Agriculture in the area of farm management. The income may be used to supplement the salary of one or more outstanding scholars, enrich the curriculum of farm management classes or to fund other activities that will significantly enhance the teaching of farm management at The Ohio State University for the benefit of both students and farm clientele of the University's programs; and

BE IT FURTHER RESOLVED, That should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for agricultural instruction.

Upon motion of Mr. Kessler, seconded by Mr. Teaford, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**THE IRVING ABRAMOWITZ MEMORIAL PROFESSORSHIP**

Resolution No. 91-51

Synopsis: The Academic Affairs Committee recommended the approval to change "The Irving Abramowitz Memorial Professorship Fund" to "The Irving Abramowitz Memorial Professorship."

November 2, 1990 meeting, Board of Trustees

**THE IRVING ABRAMOWITZ MEMORIAL PROFESSORSHIP (contd)**

WHEREAS in accordance with the guidelines previously established by this Board, "The Irving Abramowitz Memorial Professorship Fund" was established on February 5, 1982; and

WHEREAS all gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates; and

WHEREAS at the time of the establishment of the endowed fund it was agreed that the fund be redesignated The Irving Abramowitz Memorial Professorship when the funding reached the appropriate level; and

WHEREAS the funding has now reached the level required through unexpended earnings on the original investment:

NOW THEREFORE

BE IT RESOLVED, That The Irving Abramowitz Memorial Professorship Fund be changed to The Irving Abramowitz Memorial Professorship. In keeping with the provisions of the original endowed fund, the annual income shall be used to support the work of a distinguished teacher, researcher and scholar in business policy and ethics in the business policy faculty area of the College of Business; and

BE IT FURTHER RESOLVED, That should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for management education.

Upon motion of Mr. Kessler, seconded by Amb. Wolf, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**RESTRUCTURING OF THE UNIVERSITY ADMINISTRATION –  
AMENDMENTS TO THE BYLAWS OF THE BOARD OF TRUSTEES  
AND RULES OF THE UNIVERSITY FACULTY**

Resolution No. 91-52

Synopsis: The Academic Affairs Committee recommended the approval of amendments to the Bylaws of the Board of Trustees and Rules of the University Faculty to reflect title changes and the delineation of responsibilities in accordance with the recommended restructuring of the University administration.

WHEREAS as a part of the restructuring of the University administration, amendments to the Bylaws of the Board of Trustees and Rules of the University Faculty are necessary to effectuate the changes proposed; and

WHEREAS paragraph (E) of bylaw 3335-1-03 and faculty rule 3335-3-05 delineates the composition of the president's executive committee and incorporates changes made pursuant to the proposed restructuring of the central administration of the University; and

November 2, 1990 meeting, Board of Trustees

**RESTRUCTURING OF THE UNIVERSITY ADMINISTRATION --  
AMENDMENTS TO THE BYLAWS OF THE BOARD OF TRUSTEES  
AND RULES OF THE UNIVERSITY FACULTY (contd)**

WHEREAS the recommendation is being made to change the title of the position of vice president for academic affairs and provost to that of *senior vice president for academic affairs and provost*; and

WHEREAS the position of vice president for personnel services is being abolished and a new reporting relationship is being proposed for the Office of Personnel Services, which will now report through the Office of the Vice President for Business and Administration; and

WHEREAS the position of vice president for research and graduate studies will be abolished and the new position of *vice president for research* is being proposed, with graduate studies now reporting to the Office of Academic Affairs:

NOW THEREFORE

BE IT RESOLVED, That pursuant to rule 3335-1-09 of the Administrative Code and upon the recommendation of the President, the proposed amendments to the Bylaws of the Board of Trustees and the Rules of the University Faculty are hereby adopted; and

BE IT FURTHER RESOLVED, That the Secretary of the Board of Trustees is hereby authorized and directed to incorporate the recommended changes -- title changes, unit designations, and unit realignments in the applicable sections in the Bylaws of the Board of Trustees and the Rules of the University Faculty; and

BE IT FURTHER RESOLVED, That the referenced changes should be reflected in the next printing of these official records of the Board of Trustees.

Upon motion of Mr. Kessler, seconded by Mr. Teaford, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**DESIGNATION OF APPOINTING AUTHORITY AND TRANSFER OF  
AUTHORITY FOR CLASSIFICATION ADMINISTRATION**

Resolution No. 91-53

Synopsis: The Academic Affairs Committee recommended the approval of the designation of Appointing Authority for Classified Civil Service Employees and transfer of authority for Classification Administration.

WHEREAS as a part of the restructuring of the University administration, it is necessary to designate a new Appointing Authority for Classified Civil Service employees and to transfer the authority for the Classification Administration:

NOW THEREFORE

November 2, 1990 meeting, Board of Trustees

**DESIGNATION OF APPOINTING AUTHORITY AND TRANSFER OF  
AUTHORITY FOR CLASSIFICATION ADMINISTRATION (contd)**

BE IT RESOLVED, That upon the recommendation of the President, Steven W. Stoffel, Associate Vice President for Personnel Services, be designated as the Appointing Authority for the non-instructional (Classified Civil Service) employees of the University pursuant to Chapter 124 of the Ohio Revised Code, and be given authority for Classification Administration, effective November 1, 1990.

Upon motion of Mr. Kessler, seconded by Mr. Teaford, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**HONORARY DEGREE**

Resolution No. 91-54

Synopsis: The Academic Affairs Committee recommended the approval of awarding an honorary degree to Stanley J. Aronoff.

WHEREAS pursuant to paragraph (C) of rule 3335-3-03 of the Administrative Code, the President, after consultation with the Steering Committee of the University Senate, recommended to the Board of Trustees awarding of an honorary degree as listed below:

Stanley J. Aronoff

Doctor of Laws

NOW THEREFORE

BE IT RESOLVED, That the above honorary degree be awarded in accordance with the recommendation at a time convenient to the University and the recipient.

Upon motion of Mr. Kessler, seconded by Mr. Celeste, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**Honorary Degrees**

Background

Nyle C. Brady

Dr. Nyle C. Brady is an example of a remarkable individual with a rare combination of talents who has made outstanding contributions in soil science and agronomy as scientist, teacher, administrator, and a counselor. He has fostered cooperation in international agricultural research, in teaching, research and development.

Dr. Brady had a distinguished career spanning over a period of four decades. He served North Carolina State and Cornell Universities, University of the Philippines, International Rice Research Institute, USAID, and UNDP. In addition to his tenure with those institutions, Dr. Brady served the cause of soil science and agronomy through numerous national and international committees and panels.

November 2, 1990 meeting, Board of Trustees

### Honorary Degrees (contd)

#### Background (contd)

#### Nyle C. Brady (contd)

In 1965, Dr. Brady served as member of the Environmental Pollution Panel of the President's Science Advisory Committee. In 1966, he was a member of the World Food Supply Panel of the President's Science Advisory Committee. From 1968-1971, Dr. Brady was Chairman of the Agricultural Board, National Academy of Sciences. He was also a member of the Executive Committee, Division of Biology and Agriculture, National Academy of Sciences, and a member of the Panels on Environmental Quality and on Chemicals and Health of the President's Science Advisory Committee.

Dr. Brady was a consultant for USAID-sponsored Southeast Asian Ministers of Educational Secretariat Project on Agriculture, a member of the U.S. National Air Quality Criterion Advisory Committee, and Chairman of the USAID Central Research Advisory Committee. He served for two years as a member of the Board on Science and Technology of the National Academy of Sciences Foreign Secretary's Office.

Dr. Brady was instrumental in establishing the Indo-U.S. Science and Technology Initiative that promoted joint soils research between Indian and U.S. scientists. As head of the USAID-Science and Technology, he has been a strong supporter of the Title XII program.

Dr. Brady's book Nature and Properties of Soils is a textbook used throughout the world. He is editor-in-chief of the prestigious review journal Advances in Agronomy, in which many important science topics are reviewed and placed in scientific perspective. Advances in Agronomy is the standard reference journal in agriculture.

Dr. Brady has contributed greatly to soil science and agronomy through his support for soil science research and educational programs and through his lectures, writing, and editorial capacities. The influential posts he has held at IRRI, USAID, and several governmental panels, made him a person of influence in soil science around the world.

Without doubt, Dr. Brady is one of the world's eminent soil scientists and most deserving candidate for the award of the honorary doctorate degree from The Ohio State University.

#### D. Allen Bromley

D. Allen Bromley is Henry Ford II Professor of Physics at Yale University, New Haven, Connecticut. He received his B.Sc. with highest honors from the Faculty of Applied Science, Queen's University at Kingston, Ontario in 1948. His Ph.D. in nuclear physics was awarded in 1952 from the University of Rochester, Rochester, New York. For his outstanding research he has received nine honorary degrees from universities around the world. He is currently Assistant to the President for Science and Technology, Director of the White House Office of Science and Technology, and Chairman, President's Council of Science and Technology Advisors. He has been the recipient of Guggenheim, Humbolt and Benjamin Franklin fellowships and was awarded the National Medal of Science in 1988.

## Honorary Degrees (contd)

### Background (contd)

#### D. Allen Bromley (contd)

As Science Advisor he acts to advise the President on matters of science and technology. It is not an understatement that his council can, and will, influence the course of basic and applied research as well as the development of the strong technological base that the United States must have to compete globally. He has already obtained universal approval after the first seven months in office. His broad interests and his skill as a communicator have brought coherence and visibility to science and technology at a level unheard of in Washington.

It is not surprising that Professor Bromley has outstanding letters of support from a wide range of experts in science and technology, as well as from a number of distinguished faculty and administrators here at Ohio State. Secretary of Energy James D. Watkins, Admiral, U.S. Navy (Retired) states that "His presence at the White House has made a difference, his clear thinking has proven to be a great asset to the fine President we both serve." Alexander Zucker, Director of Oak Ridge National Laboratory, says "in the world of physics Bromley has a unique position of a superb scientist, a talented teacher, and a servant of science in the finest sense of the word." Dr. Erich Vogt, Director of TRIUMF, Canada's premier accelerator facility, states that "Bromley has been, for more than three decades, one of the most outstanding scientists in the world of nuclear physics." Benno C. Schmidt, President of Yale University, points out of Bromley that "his laboratory at Yale has graduated more Ph.D.'s in experimental nuclear physics than any other institution in the world." Every reference speaks of Professor Bromley's outstanding career as a scientist. In short, Professor Bromley is a scholar of amazing breadth and depth, a public servant of integrity and wisdom, and is most deserving of an honorary degree from The Ohio State University.

#### Robert L. Metcalf

Dr. Robert L. Metcalf received his B.A. (1939) and M.A. (1940) degrees from the University of Illinois at Champaign-Urbana. He completed his Ph.D. degree at Cornell University in 1943. Dr. Metcalf has served as a teacher and scholar at the University of California at Riverside (1946-68) and the University of Illinois (1968-present) for more than 40 years. He is renowned for his research contributions to several fields including carbonate chemistry, insecticide physiology and toxicology, environmental fate of pesticides and plant/insect co-evolution. He is considered one of the pioneers of the discipline of environmental toxicology. His many research achievements and his prodigious output are documented in his 400 journal articles and books. Dr. Metcalf's impact on science has been publicly acknowledged through receipt of numerous awards in several fields including induction into the National Academy of Sciences at a relatively young age. But equally compelling is his influence on society. His insistence on making environmental compatibility an essential property of pesticides and his determination to institute a pesticide registration process that emphasizes safety as much as efficacy have been instrumental in reducing environmental damage caused by pesticides and assuring public safety.

In his 44 years in academia, Dr. Metcalf has given freely of his time and expertise. He has been the primary adviser to more than 70 graduate students who now hold positions around the world. He is revered by his students for his continuing generosity of spirit, his wealth of knowledge, and his capacity to continue to make fundamental scientific discoveries even as his peers drift towards retirement. He remains to this day as influential as he ever was; his students and colleagues continue to look to him to define the national research agenda in his areas of expertise.

**HONORARY DEGREES**

Resolution No. 91-55

Synopsis: The Academic Affairs Committee recommended the approval of awarding honorary degrees to Nyle C. Brady, D. Allan Bromley, and Robert L. Metcalf.

WHEREAS the Committee on Honorary Degrees and the University Senate, pursuant to rule 3335-5-488 of the Administrative Code, have approved for recommendation to the Board of Trustees awarding of honorary degrees as listed below:

Nyle C. Brady	Doctor of Humane Letters
D. Allan Bromley	Doctor of Science
Robert L. Metcalf	Doctor of Science

NOW THEREFORE

BE IT RESOLVED, That the honorary degrees be awarded in accordance with the recommendation at a time convenient to the University and the recipient.

Upon motion of Mr. Kessler, seconded by Amb. Wolf, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**DEGREES AND CERTIFICATES - AUTUMN QUARTER COMMENCEMENT**

Resolution No. 91-56

Synopsis: The Academic Affairs Committee recommended the approval of Degrees and Certificates for Autumn Quarter.

WHEREAS pursuant to paragraph (E) of rule 3335-1-06 of the Administrative Code, the Board has authority for the issuance of degrees and certificates; and

WHEREAS the faculties of the colleges and schools shall transmit, in accordance with rule 3335-9-29 of the Administrative Code, for approval by the Board of Trustees the names of persons who have completed degree and certificate requirements:

NOW THEREFORE

BE IT RESOLVED, That the degrees and certificates be conferred on December 7, 1990, to those persons who have completed the requirements for their respective degrees and certificates and are recommended by the colleges and schools, and that the names of those persons awarded degrees and certificates be included in the minutes of this meeting.

Upon motion of Mr. Kessler, seconded by Mr. Teaford, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**WAIVER**

Resolution No. 91-57

Synopsis: The Academic Affairs Committee recommended the approval of a waiver.

WHEREAS pursuant to Board Resolution 78-21, dated September 9, 1977, "Faculty Professional Leave Program," any full-time faculty member with at least seven academic years of teaching service at The Ohio State University may be granted professional leave for a period not to exceed one academic year; and

WHEREAS this resolution stipulates further that professional leaves of one quarter at full salary may be taken; however, longer leaves are to be encouraged. Other professional leave options for nine month appointment faculty may consist of two quarters each at three-fourths salary or three quarters each at two-thirds salary. Other leave options for eleven month appointment faculty may consist of two quarters each at three-fourths salary, three quarters each at two-thirds salary, or four quarters each at two-thirds salary; and

NOW THEREFORE

BE IT RESOLVED, That the requirements set forth in Resolution 78-21 pertaining to limitations on salary during leaves of absence are hereby waived for Professor Peter Culicover for the 1991-92 academic year (Summer and Autumn Quarters 1991 and Winter and Spring Quarters 1992).

Upon motion of Mr. Kessler, seconded by Mr. Teaford, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**PERSONNEL ACTIONS**

Resolution No. 91-58

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the October 5, 1990 meeting of the Board, including the following Appointment, Special Appointment, Changes in Titles, Appointment of Chairpersons of Departments, Reappointment of Director of Center, Leaves of Absence Without Salary, Leaves of Absence Without Salary--Continuation, Professional Improvement Leaves, Professional Improvement Leaves--Change in Dates, and the Medical Staff Appointments for The Arthur G. James Cancer Hospital and Research Institute as detailed in the University Budget be approved.

Appointment

Name:	DAVID L. FORSTER
Title:	Professor (The Fred N. VanBuren Professorship in Farm Management)
Department:	Agricultural Economics and Rural Sociology
Term:	October 1, 1990 through September 30, 1993
Salary:	\$62,280.00
Present Position:	Professor, Department of Agricultural Economics and Rural Sociology

November 2, 1990 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

Special Appointment

Name: JAMES H. MARTIN  
Title: Professor (J. T. "Stubby" Parker Chair in Dairy Foods Fund Professor)  
Department: Department of Food Science and Technology  
Term: October 1, 1990 through December 31, 1991  
Salary: \$81,480.00  
Present Position: Professor, Department of Food Science and Technology and Cooperative Extension Service

Changes in Titles

Name: FREDERICK E. HUTCHINSON  
Title: Senior Vice President for Academic Affairs and Provost  
Office: Academic Affairs  
Effective: November 1, 1990  
Salary: N/A  
Present Position: Vice President for Academic Affairs and Provost

Name: MADISON H. SCOTT  
Title: Executive Assistant to the President, Secretary to the Board of Trustees and Secretary of the University  
Offices: President's/Board of Trustees  
Effective: November 1, 1990  
Salary: N/A  
Present Position: Vice President for Personnel Services and Secretary, Board of Trustees

Appointment of Chairpersons of Departments

October 1, 1990 through June 30, 1991

Civil Engineering Zoltan A. Nemeth\*

January 1, 1991 through June 30, 1995

Animal Science Glen H. Schmidt

Reappointment of Director of Center

October 1, 1990 through September 30, 1991

Center for African Studies Isaac J. Mowoe

\*Acting Chair

Leaves of Absence Without Salary

XIAO-MEI CHEN, Assistant Professor, Center for Comparative Studies in the Humanities, effective Autumn Quarter 1990, Winter Quarter and Spring Quarter 1991, to except a Stanford University External Faculty Fellowship.

November 2, 1990 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

Leaves of Absence Without Salary (contd)

MARITA KAW, Assistant Professor, Department of Political Science, effective Autumn Quarter 1990, Winter Quarter and Spring Quarter 1991, to do research at UCLA.

DWAIN S. MEFFORD, Assistant Professor, Department of Political Science, effective Autumn Quarter 1990, Winter Quarter and Spring Quarter 1991, to participate in the inter-academy exchange between the American and Soviet Academies of Science.

ANNE W. NEUMANN, Assistant Professor, Department of English, effective Spring Quarter 1991, for personal reasons.

EMILIE E. REGNIER, Assistant Professor, Department of Agronomy and Department of Agronomy - OARDC, effective October 16, 1990, through November 26, 1990, for personal reasons.

Leaves of Absence Without Salary--Continuation

BRUCE S. GROWICK, Associate Professor, Department of Educational Services and Research, effective Autumn Quarter 1990, to continue as Director of the Rehabilitation Division of the Industrial Commission of Ohio.

WADE T. DYKE, Assistant Professor, School of Public Policy and Management, effective Autumn Quarter 1990, Winter Quarter and Spring Quarter 1991, to participate in public policy formulation.

Professional Improvement Leaves

PETER W. CULICOVER, Director and Professor, Cognitive Science Program and Department of Linguistics, effective Summer Quarter and Autumn Quarter 1991, and Winter Quarter and Spring Quarter 1992.

ROY A. STEIN, Professor, Department of Zoology, effective Winter Quarter and Spring Quarter 1991.

Professional Improvement Leaves--Change in Dates

THOMAS A. ROMANOWSKI, Professor, Department of Physics, change leave from Spring Quarter and Autumn Quarter 1990 and Winter Quarter 1991, to Winter Quarter, Spring Quarter and Autumn Quarter 1991.

ARNOLD M. ZWICKY, Professor, Department of Linguistics, change leave from Autumn Quarter 1990 and Winter Quarter 1991, to Winter Quarter and Spring Quarter 1991.

ANNMARIE A. ZAHARLICK, Assistant Professor, Department of Anthropology, change leave from Winter Quarter and Spring Quarter 1991, to Autumn Quarter 1991 and Winter Quarter 1992.

**PERSONNEL ACTIONS (contd)**

Medical Staff--Appointments (The Arthur G. James Cancer Hospital and Research Institute)

**NEW APPOINTMENTS TO MEDICAL STAFF  
1990-91**

DODDS, WILLIAM G., M.D., Associate Attending Staff, Department of OB/GYN

FRIEDMAN, CHAD I., M.D., Associate Attending Staff, Department of OB/GYN

GAMS, RICHARD A., M.D., Clinical Attending Staff, Department of Internal Medicine--Division of Hematology/Oncology

RAMMOHAN, KOTTIL W., M.D., Associate Attending Staff, Department of Neurology--Division of Neurology

ROVIN, BRAD H., M.D., Associate Attending Staff, Department of Internal Medicine--Division of Renal

TZAGOURNIS, MANUEL, M.D., Associate Attending Staff, Department of Internal Medicine--Division of Endocrinology

VANFOSSEN, DOUGLAS B., M.D., Associate Attending Staff, Department of Internal Medicine--Division of Cardiology

WASHINGTON, SHARON E., M.D., Associate Attending Staff, Department of Internal Medicine--Division of General Medicine

Upon motion of Mr. Kessler, seconded by Mr. Shumate, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**RESOLUTION IN MEMORIAM**

Resolution No. 91-59

Synopsis: The Academic Affairs Committee recommended the approval of a Resolution in Memoriam for Robert F. Daly, M.D.

RESOLVED, That the Board adopt the following Resolution in Memoriam and that the President be requested to convey a copy to the family of the deceased.

Robert F. Daly, M.D.

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on August 2, 1990, of Robert F. Daly, M.D., Professor Emeritus in the Department of Obstetrics and Gynecology.

**RESOLUTION IN MEMORIAM (contd)**

Robert F. Daly, M.D. (contd)

Dr. Daly was born on April 11, 1908, in Middletown, Indiana. He received the Bachelor of Arts degree in 1929 from Walbath College in Indiana, and taught science at Alexandria High School in Alexandria from 1930 to 1932. He earned his Doctor of Medicine degree in 1937 from The Ohio State University. His professional training included a one year internship in Medicine (1937-1938), an internship in assistant residency in Surgery (1938-1940), and he had his residency in Obstetrics and Gynecology (1940-41), all at The Ohio State University Hospital.

Dr. Daly entered the practice of Obstetrics and Gynecology in Columbus, Ohio, and continued his contribution to teaching at The Ohio State University College of Medicine as a clinical faculty (1942-1974), rising to the rank of clinical professor in 1965. He became an emeritus faculty member in 1974. He also served as director of the Department of Obstetrics and Gynecology at Mt. Carmel Hospital in Columbus (1945-1962). Dr. Daly served as president of the Columbus OB/GYN Society, and was active in many local, state, and national organizations in medicine. He was a founding fellow of the American College of Obstetricians and Gynecologists.

Dr. Daly was a talented clinician and teacher who cared about his patients and students with compassion and rich sense of humor. He will be remembered for his four-decade contribution to The Ohio State University.

On behalf of the University community, the Board of Trustees expresses to the family its deep sympathy. It was directed that this resolution be inscribed upon the minutes of the Board Trustees and that a copy be tendered to the family as an expression of the Board's realization of the loss that the family, the University, and his many friends and associates have sustained.

Upon motion of Mr. Kessler, seconded by Mr. Shumate, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**STUDENT AFFAIRS COMMITTEE REPORT**

Ms. Paige:

This morning we heard a report on Recreation and Intramural Sports by Frederick Beekman, who I might add has served the University for over 43 years. He conveyed to the Board that the mission of the Department of University Recreation and Intramural Sports is to provide desired recreational sports programs and services for the purpose of enhancing students' knowledge, interests, and behaviors that promote healthy lifestyles, positive human relations, attitudes, behavior, and leadership skills. Also, the Recreation and Intramural Sports Program at Ohio State is the largest of its kind in the nation, with over 2.4 million facility participations last year. And when physical education and athletic facility participations are added to this total, it is nearly 4 million.

**STUDENT AFFAIRS COMMITTEE REPORT (contd)**

Ms. Paige: (contd)

A recent OSU poll determined that 87 percent or 47,000 different students utilized some of the recreational facilities and programs during the year. In addition, the same OSU poll reported that over 70 percent of the faculty also utilized the facilities and programs. Approximately 60,000 to 70,000 people visited the Larkins Hall Recreational Facility on official University tours last year. Larkins Hall is a 360,000 square foot multi-purpose facility, housing 11 varsity athletic teams, and nearly all basic instruction Physical Education classes.

In addition to our facilities, Ohio State has the largest Intramural Sports program in the nation, with nearly 4,300 teams and 53,000 participants playing 13,500 contests annually. We have over 920 basketball teams; 700 flag football teams; and 690 volleyball teams. Last Spring Quarter, nearly 1 out of every 3 students played on an intramural softball team. So I think that illustrates the great job they are doing in that department.

After Mr. Beekman's report we heard reports from the student government leaders:

Ms. Benetta Burton:

Good morning. Sometimes the message that we intend to be heard is perceived differently. In Dr. Gee's speech, entitled Time and Change, he mentioned that Ohio State was a "sleeping giant" and to change constructively, a person or institution must not go gently into it. However, it seems that the "sleeping giant" is not ready to move ahead so quickly, human nature struts into the picture. Although we know as human beings that change is inevitable, we resist it. Sometimes people have to be convinced about the necessity of change. They want to know how the change will benefit them. For this purpose, more communication needs to take place.

Dr. Gee mentioned in his speech about the appropriateness of the quarter system for Ohio State, he expressed that perhaps it is time for the flagship to join the flotilla. The Council of Graduate Students wants to publicly thank Dr. Gee for calling for discussion on the academic calendar. The change in the academic calendar is a quality of life issue for graduate students. We believe that the change to an early semester system would contribute to a less stressful environment.

The Council of Graduate Students is pursuing another quality of life issue that we believe will also contribute to reducing stress in the lives of graduate students. The Graduate's Associate Committee is looking into the possibility of adding health benefits to the total stipend package. A number of schools around the country are paying the health care, in some fashion, for their graduate associates. We are cognizant that we have a relatively good health care plan here at Ohio State; however, we are concerned that some graduate students are forgoing purchasing Student Health Insurance. The cost may be prohibitive for various reasons. For example, it may be hard for a student with a family to purchase health insurance, if the family is trying to live off of the student's stipend. We are exploring the addition of such benefits with the graduate population and with other constituents in the University.

**STUDENT AFFAIRS COMMITTEE REPORT (contd)**

Ms. Burton: (contd)

The Council is concerned about increasing the amount of funds generated by the dollar checkoff for student government projects. We use these funds to sponsor social events and to co-sponsor activities of other recognized graduate student groups. Our funds from this source have dropped off dramatically. To increase funds, we have communicated this need to students by making them aware of the purpose of the funds through ads placed in the Lantern and in our own publication, The Graduate Voice. We also are pursuing changing the script in the Brutus Registration System. Currently you have to go through an option section to make the donation. The students should be asked directly, "Do you want to give a dollar to student government projects." We will pursue this topic with the proper authorities.

The three student government presidents have met with the Student Trustees to discuss the Student Trustee position that will come available May 14. We will be getting together to discuss rules and so forth. Hopefully, another professional student will not be elected.

Mr. Shumate:

One of the issues last year was the participation of the students. We want to try to get a larger number of students interested in the trustee position. Are you working on those steps that were discussed last spring?

Ms. Burton:

We know one of the things we need is better advertising and allowing enough time for applying. One of the problems last year was that there was not enough time given for students to apply.

Ms. Paige:

Thank you. Next, we will have a report on the Undergraduate Student Government.  
Mike --

Mr. Mike Clark:

Good morning. First of all, I would like to reiterate the importance of Mr. Beekman's remarks on the Recreation and Intramural Sports Program. I think it is excellent and a very important part of student life. I commend you all for what you are doing; I think it is just great.

I just have a few short things to discuss. You have heard me talk about it before -- and I will continue to talk about it -- Campus Safety. We are experiencing a 40 percent increase in the use of our USG Crime Watch Escort Service. We are investigating alternatives to meet the demands of the students and to help provide a safer environment at OSU. One way we can meet these demands is by the use of vans which provides a safer and more efficient means of escorts. If you know any one who might have some extra vans we could use, please let me know.

**STUDENT AFFAIRS COMMITTEE REPORT (contd)**

Mr. Teaford:

We were told this morning that is going to happen. That has been taken care of from what I understand.

Mr. Clark:

That is correct. We are looking for some people who are willing to donate -- maybe make a contribution, or something of that sort. As you are probably well aware, the CCP (Community Crime Patrol) had a press conference yesterday afternoon. We have established a good working relationship with them already, and some things that we are doing with them are training, self defense, radio operations, and CPR. We are trying to work in conjunction with them because we are all here for the same reason, and that is to make sure people are safe.

This leads me to the next topic I would like to discuss, and that is the Undergraduate Student Government President's Council. I believe all of you received letters inviting you to attend this on November 13, from 7:30-8:30 p.m. We think this would be an excellent opportunity for the Trustees to meet the students and to hear and discuss some of the concerns that the students have. Ms. Paige, Mr. Tonnies, and Mr. Teaford have already said that they would be able to attend. I was wondering if Mr. Shumate and Mr. Celeste would be able to attend as well? And maybe you could help communicate this to the other Trustees. I would like to try and encourage you to make that.

To reiterate on the Student Trustee search that was mentioned earlier, we are trying to provide undergraduate students with the same opportunity. As you are probably well aware, it is difficult for a sophomore to compete with someone who is in law school or medical school. So we are going to try and better educate them on the process, on the things they can do, and how they can better represent themselves to the committee itself.

Ms. Paige:

We were looking at the application itself -- we want to be sure the students are judged on standard qualifications, as opposed to being judged on how thick their resume is. That is something we are definitely concerned about. We have found that younger students are not making it as far in the process. We want to look at that and see how the process is discriminatory to the sophomore, junior, and senior; and how we can make it so more students can make it through the process.

Mr. Clark:

I guess at this time I will answer any questions that you may have.

Mr. Teaford:

Have you actually given any thought to making one of the Trustees an undergraduate and the other a graduate by only submitting that group of names to the Governor?

November 2, 1990 meeting, Board of Trustees

### STUDENT AFFAIRS COMMITTEE REPORT (contd)

Mr. Clark:

We have thought about that, but there would probably be some competition between Benetta and myself, because a graduate student has never been on the Board.

Mr. Teaford:

I do lump graduate and professional students together since they are all post-graduates.

Ms. Burton:

We are pleased with our representatives and we want all students to have the opportunity. We don't feel that we need to restrict the process.

Ms. Paige:

Thank you.

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### AGRICULTURAL AFFAIRS COMMITTEE REPORT

Ms. Casto:

We had two reports today. The first from Dr. Larry Phelan, in the Department of Entomology, who reported on the OARDC Insect Chemical Ecology Laboratory. Dr. Phelan explained that insect chemical ecology seeks to understand how insects utilize chemical cues in their struggle to survive, particularly in their need to locate food and mates. By understanding how insects use these natural behavior modifying chemicals, "semiochemicals," we are able to apply this information to help reduce pest populations. The potential in disrupting pest populations is an alternative to the present heavy dependence on pesticides. This is just another example of how we are trying to protect our environment and find a happy medium and balance to still produce quality food.

Dr. Harry Hoitink, in the Department of Plant Pathology, then reported on The Ohio State University's response to solid waste management. He noted that the United States has, for some time, been in a solid waste crisis -- landfilling is no longer an acceptable option. Ohio State has, for almost two decades, been performing basic applied research in waste management. Contributions through this research have been: the isolation and characterization of the first natural product fungicides and beneficial microorganisms in composts; use of compost as a food base for beneficial microorganisms; development of Federal guidelines for control of fecal parasites and pathogens through composting; and elucidation through basic principles for composting of solid waste.

Present research is aimed at improving the efficiency of composting systems, the biodegradation of Xenobiotics through composting and further substitution of pesticides with compost suppressive to disease. That completes my report.

**AGRICULTURAL AFFAIRS COMMITTEE REPORT (contd)**

Mrs. Bowser:

Dr. Gee and I saw those very same experiments going on in the laboratories when we were in Wooster. It is a response of a natural kind, instead of using chemicals for everything.

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**FISCAL AFFAIRS COMMITTEE REPORT**

Amb. Wolf:

Mr. Shkurti presented a first quarter budget report and no changes are proposed at this time in our budget.

(See Appendix XXX for The Ohio State University 1990-91 Current Funds Budget, 1st Quarter Report, page 573.)

The Fiscal Affairs Committee is recommending the following resolutions:

**Waivers of Competitive Bidding Requirements  
July-September 1990**

Background

During the period covered, the Acting Vice President for Business and Administration, at the requests of the departments making the purchases and upon the recommendation of the Purchasing Department, granted 56 waivers of competitive bidding requirements. Annual purchases authorized by these waivers total approximately \$27,076,300.00. The two largest individual waivers were for: (1) merchandise for resale through the Bookstores, AV and Computer Store, University Airport Golf Course and Ice Rink Pro Shops, University Hospitals Gift Shop, and the Ohio and Drake Union newsstands (totaling \$14,013,000.00); and (2) publications (periodicals, books, binary services) for the Libraries and other departments (totaling \$6,523,000.00). Annual purchases authorized by the remaining 54 waivers included:

Hospitals - Professional Services	3,796,075	(3 waivers)
Hospital Equipment & Services	813,523	(10 waivers)
Artists & Attractions	706,190	(4 waivers)
Administrative Support Services & Equipment	654,549	(12 waivers)
Instructional & Research Services & Equipment	448,180	(17 waivers)
Conference Facilities & Catering	121,813	(8 waivers)

November 2, 1990 meeting, Board of Trustees

**WAIVERS OF COMPETITIVE BIDDING REQUIREMENTS  
JULY-SEPTEMBER 1990**

Resolution No. 91-80

Synopsis: The Fiscal Affairs Committee recommended acceptance of the quarterly report on waivers of competitive bidding requirements.

WHEREAS the Purchasing Policy of The Ohio State University, adopted by the Board of Trustees on September 7, 1984, provides that the President and/or the Vice President for Business and Administration may grant a waiver from competitive bidding in the event of an emergency, when a sufficient economic reason exist, or when the goods or services can be purchased from only a single source, with a report on such waivers to be made quarterly to this Board; and

WHEREAS the Acting Vice President for Business and Administration has submitted a report on waivers of competitive bidding requirements granted for the period of July - September 1990, and the Fiscal Affairs Committee recommends the acceptance of this report:

NOW THEREFORE

BE IT RESOLVED, That the report on waivers of competitive bidding requirements for the period of July - September 1990, is hereby accepted.

Upon motion of Amb. Wolf, seconded by Mr. Teaford, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS**

Resolution No. 91-61

Synopsis: The Fiscal Affairs Committee recommended the approval of the research contracts, grants, and gifts and the summary for September 1990.

WHEREAS monies are solicited and received on behalf of the University from governmental, industrial, other agencies, alumni, and various individuals in support of research, instructional activities, and service; and

WHEREAS such gifts and grants are received through The Ohio State University Research Foundation, the Engineering Experiment Station of The Ohio State University, The Ohio State University Development Fund, and The Ohio State University Foundation.

NOW THEREFORE

BE IT RESOLVED, That the research agreement between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the reports from the Engineering Experiment Station, The Ohio State University Development Fund, and The Ohio State University Foundation during the month of September 1990 be approved.

Upon motion of Amb. Wolf, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

November 2, 1990 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**SUMMARY FOR SEPTEMBER 1990**

Background

Source	No. of Projects	Support Level
The Ohio State University Research Foundation	119	\$10,899,841.13
Engineering Experiment Station	10	\$ 443,927.00
Total	129	\$11,343,768.13

The Ohio State University Development Fund

Establishment of Named Funds

The Crisafi-Monte Endowment Fund  
(Support teaching, research, and scholarships  
in diseases of the heart, lung and related disorders) \$ 518,381.32

The BancOhio National Bank Scholarship Endowment Fund  
(Scholarships - College of Business) \$ 50,000.00

The Chester G. and Lorena C. Hawley Athletic Endowment Fund  
(Grant-in-aid for student athletes participating in  
the men's and women's varsity golf programs) \$ 47,000.00

The Ohio Staters, Inc. Founders Endowment Fund  
(Support communications with the Ohio Staters, Inc.  
alumni and support selected programs) \$ 15,080.00

The Lilyan B. Bradshaw Scholarship Fund  
(Scholarships to students who are American citizens  
in the College of Engineering) \$ 15,000.00

Change in Description of Named Funds

The Robert Bartels Fellowship in Marketing Fund  
The Robert Bartels Fellowship for Master of Business Administration Fund  
The Robert Bartels Graduate Fellowship in Business Fund  
The Robert Bartels Graduate Fellowship in International Business Fund  
The Robert Bartels Scholarship Fund for Study Abroad

The Ohio State University Foundation

Change in Name of Fund

From: The Robert K. Fox Professorship in Chemistry Fund  
To: The Robert K. Fox Professorship in Chemistry

November 2, 1990 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION**

Report - September 1990

Federal Research Contracts/Grants

\$1,163,781.00 - Department of Health and Human Services, National Institute of Mental Health, Rockville, Maryland, Stress: Impact on the Immune-Endocrine Axis and Health, Department of Microbiology and Immunology (M. R. Glaser), 1 September 1990 through 31 August 1991. (Project 767005 - Continuation)

\$951,213.00 - Department of Health and Human Services, National Institute of Neurological Disorders and Stroke, Bethesda, Maryland, Spinal Cord Injury Research Center, Department of Surgery (B. T. Stokes), 1 September 1990 through 31 August 1991. (Project 763358 - Continuation)

\$621,630.00 - Department of Health and Human Services, Bureau of Maternal and Child Health and Resources Development, Rockville, Maryland, Mental Retardation Training, Nisonger Center (E. G. Handler), 1 July 1990 through 30 June 1991. (Project 767710 - Continuation)

\$600,510.00 - Department of Health and Human Services, Health Resources and Services Administration, Rockville, Maryland, East Central Regional AIDS Education and Training Center, Department of Family Medicine (L. L. Gabel), 1 September 1990 through 31 May 1991. (Project 766345 - Continuation)

\$356,024.00 - Department of Education, Office of Special Education and Rehabilitation Services, Washington, D.C., A Video Mediated Curriculum for Parent-Child Social and Communicative Development, Nisonger Center (J. MacDonald), 1 October 1990 through 30 September 1993. (Project 768443 - New)

\$344,695.00 - Department of Health and Human Services, National Heart, Lung, and Blood Institute, Bethesda, Maryland, Lay-Led Smoking Cessation Approach for Southeast Asian Men, Department of Preventive Medicine (M. S. C. Chen and M. L. Moeschberger), Department of Family Medicine (R. M. Guthrie), and Department of Life Span Process (M. E. Wewers), 1 September 1990 through 31 August 1991. (Project 768571 - New)

\$260,120.00 - Department of Health and Human Services, National Institute of Mental Health, Rockville, Maryland, Personality, Psychological Stress, and Immunocompetence, Department of Microbiology and Immunology (M. R. Glaser and W. P. Lafuse), Department of Psychiatry (J. Kiecolt-Glaser), and Oral Biology (J. F. Sheridan), 1 September 1990 through 31 August 1991. (Project 764961 - Continuation)

\$245,549.00 - Department of Health and Human Services, National Center for Nursing Research, Bethesda, Maryland, Effects of Nurse Case Managed Home Care for HIV Patients, Department of Family and Community Nursing (J. T. Nickell), 1 September 1990 through 31 August 1991. (Project 767873 - Continuation)

\$169,662.00 - National Aeronautics and Space Administration, Washington, D.C., Microwave Observations of Polar Ice, Byrd Polar Research Center (K. C. Jezek), 1 April 1990 through 31 December 1990. (Project 768164 - Continuation)

November 2, 1990 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$158,462.00 - Department of Health and Human Services, Health Resources and Services Administration, Rockville, Maryland, Model Education Program in Ambulatory Chronic Care, Department of Internal Medicine (E. L. Mazzaferri), School of Allied Medical Professions (S. L. Wilson), and Nursing Administration (C. A. Anderson), 1 October 1990 through 30 September 1991. (Project 768593 - New)

\$156,000.00 - National Science Foundation, Washington, D.C., Doped Glassy Carbon (DGC) Materials: Their Synthesis and Investigation of Their Properties, Department of Chemistry (M. R. Callstrom and R. L. McCreery), 1 September 1990 through 31 August 1991. (Project 768614 - New)

\$154,770.00 - Department of Education, Office of Special Education and Rehabilitation Services, Washington, D.C., Early Integration Training Project: Providing Training to Child Care Staff to Promote the Integration of Young Children with Disabilities, Education Administration and Department of Educational Services and Research (L. Magliocca), 1 September 1990 through 31 August 1991. (Project 767808 - Continuation)

\$150,454.00 - Department of Health and Human Services, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, HIV-1 and B Cell Lymphokines: Role and Effects, Department of Internal Medicine (D. Benjamin), 1 September 1990 through 31 July 1991. (Project 768622 - New)

\$150,000.00 - International Development Cooperation Agency, Agency for International Development, Washington, D.C., Generation of Transgenic Cassava Having Reduced Cyanide Toxicity, Department of Plant Biology and Department of Biochemistry (R. T. Sayre), 29 August 1990 through 30 October 1993. (Project 768576 - New)

\$150,000.00 - International Development Cooperation Agency, Agency for International Development, Washington, D.C., Control of Scarlet Mite on Tea Using Mass Reared Predaceous Mites, Department of Entomology (D. L. Wrensch and J. D. Briggs), 28 August 1990 through 30 October 1993. (Project 768631 - New)

\$149,997.00 - Department of Agriculture, Science and Education, Washington, D.C., Winter Dysentery in Cows: Etiology and Analysis of Coronaviruses from Outbreaks, Food Animal Health Research Program - OARDC (L. J. Saif), 1 September 1990 through 31 August 1993. (Project 768559 - New)

\$149,947.00 - Department of Agriculture, Science and Education, Washington, D.C., Transmission of Bovine Viral Diarrhea Virus from Persistently-Infected Embryo Transfer Donors, Food Animal Health Research Program - OARDC (K. V. Brock), 1 September 1990 through 31 August 1993. (Project 768469 - New)

\$138,254.00 - Department of Health and Human Services, National Institute of Mental Health, Rockville, Maryland, Brain Development in Schizophrenics and Their Siblings, Department of Psychiatry (S. C. Olson), 1 September 1990 through 31 August 1991. (Project 767013 - Continuation)

November 2, 1990 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

Federal Research Contracts/Grants (contd)

\$137,776.00 - Department of Health and Human Services, National Cancer Institute, Bethesda, Maryland, The Value of Glyco- lipids for Classifying Astrocytomas, Department of Pathology (A. J. Yates), 1 September 1990 through 31 August 1991. (Project 767769 - Continuation)

\$134,869.00 - National Science Foundation, Washington, D.C., Estimation of Linear and Saturated Synchronous Machine Parameters, Department of Electrical Engineering (A. Keyhani), 1 September 1990 through 31 August 1992. (Project 768573 - New)

\$134,000.00 - National Foundation on the Arts and Humanities, National Endowment for the Humanities, Washington, D.C., American Fiction, 1901-1925: A Contribution Toward a Bibliography, University Libraries (G. D. Smith), 1 September 1990 through 31 August 1992. (Project 768570 - New)

\$131,732.00 - Department of Health and Human Services, National Eye Institute, Bethesda, Maryland, Regulation of Gene Expression in the Developing Retina, Biotechnology Program and College of Pharmacy (A. P. Young), 1 August 1990 through 31 July 1991. (Project 767898 - Continuation)

\$122,382.00 - Department of Agriculture, Science and Education, Washington, D.C., Nucleic Acid Probes for the Diagnosis of Transmissible Gastroenteritis Virus, Food Animal Health Research Program - OARDC (D. J. Jackwood and L. J. Saif), 1 September 1990 through 31 August 1993. (Project 768532 - New)

\$112,279.00 - Department of Health and Human Services, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Pharmacology of Dideoxynucleosides in Small Intestinal Epithelium, College of Pharmacy (J. L. Au), 1 August 1990 through 31 July 1991. (Project 767895 - Continuation)

\$106,888.00 - Department of Health and Human Services, National Institute on Deafness and Other Communication Disorders, Bethesda, Maryland, Gustatory Afferent Organization in the Solitary Nucleus, Oral Biology (S. P. Travers), 1 September 1990 through 31 August 1991. (Project 765694 - Continuation)

\$105,509.00 - Department of Health and Human Services, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Conformational Peptides to Probe Immune Responses, Department of Obstetrics and Gynecology (P. T. Kaumaya), 1 September 1990 through 31 August 1991. (Project 767913 - Continuation)

\$100,000.00 - Department of Agriculture, Science and Education, Washington, D.C., A Possible Mechanism for the Regulation of Gas Diffusion in Legume Nodules, Department of Agronomy - OARDC (J. G. Streeter), 1 September 1990 through 31 August 1992. (Project 767814 - Continuation)

\$100,000.00 - Department of Education, Office of Postsecondary Education, Washington, D.C., Retention-Based Student Support Services Program, Agricultural Technical Institute - Administrative Support (D. D. Garrison), 1 September 1990 through 31 August 1991. (Project 768587 - Continuation)

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$98,408.00 - Department of Health and Human Services, National Center for Nursing Research, Bethesda, Maryland, Couples' Communication, Relationships, and Hysterectomy, Department of Life Span Process (L. A. Bernhard), 15 September 1990 through 14 September 1992. (Project 768624 - New)

\$93,713.00 - Department of Health and Human Services, National Institute of Mental Health, Rockville, Maryland, Rural Homelessness in Ohio: A Five-Year Replication Study, College of Social Work (B. Toomey and R. J. First), 1 September 1990 through 31 August 1991. (Project 767819 - Continuation)

\$93,246.00 - Department of Health and Human Services, National Institute of Diabetes and Digestive and Kidney Diseases, Bethesda, Maryland, Gastrointestinal Function: Serotonergic Control, Department of Physiology (R. L. Stephens, Jr.), 1 September 1990 through 31 August 1991. (Project 768566 - New)

\$89,022.00 - Department of Education, Office of Special Education and Rehabilitation Services, Chicago, Illinois, Training Grant in Physical Medicine and Rehabilitation, Department of Physical Medicine (P. E. Kaplan, E. W. Johnson, and B. L. Bowyer), 1 October 1990 through 30 September 1991. (Project 767118 - Continuation)

\$86,243.00 - Department of Education, Office of Educational Research and Improvement, Washington, D.C., Retooling Introductory University Physics for the 21st Century, Marion Campus and Department of Physics (G. J. Aubrecht), 1 August 1990 through 31 July 1991. (Project 768592 - New)

\$81,972.00 - Department of Health and Human Services, National Institute of Dental Research, Bethesda, Maryland, Fracture Properties of Dental Ceramics, Restorative and Prosthetic Dentistry (S. F. Rosenstiel), 29 September 1990 through 28 September 1991. (Project 767886 - Continuation)

\$79,465.00 - Department of Education, Office of Special Education and Rehabilitation Services, Washington, D.C., Occupational Therapy Specialty Training for Services in Early Childhood Programs, School of Allied Medical Professions (H. K. Grant) and Nisonger Center (J. Case-Smith), 1 October 1990 through 30 September 1991. (Project 768588 - New)

\$78,846.00 - National Science Foundation, Washington, D.C., Connection of Schools to the Ohio Academic Resources Network and the National Science Foundation Network, Ohio Supercomputer Center (A. A. Brown and C. F. Bender), 1 September 1990 through 31 August 1991. (Project 768599 - New)

\$76,572.00 - National Science Foundation, Washington, D.C., Optimal Design of Large-Scaled Structures with Multifanalysis-Type Constraints, Department of Civil Engineering (O. G. McGee), 30 August 1990 through 31 March 1993. (Project 767449 - Continuation)

November 2, 1990 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$73,500.00 - Department of Health and Human Services, National Institute on Alcohol Abuse and Alcoholism, Rockville, Maryland, Effects of Alcohol on the Expression of GABA/BZ Receptor mRNA, Department of Pharmacology (A. Rotter) and Department of Cellular Biology, Neurobiology, and Anatomy and Biotechnology Program (J. Masters), 28 September 1990 through 31 August 1991. (Project 768638 - New)

\$55,080.00 - Department of Health and Human Services, National Cancer Institute, Bethesda, Maryland, Cancer Education Program, Department of Surgery (W. B. Farrar) and Medicine Administration (C. B. Meleca), 1 September 1990 through 31 August 1991. (Project 767942 - Continuation)

\$53,655.00 - Department of Health and Human Services, National Institute of Mental Health, Rockville, Maryland, Research Training Program in Psychoneuroimmunology, Department of Microbiology and Immunology (M. R. Glaser), 1 September 1990 through 30 June 1991. (Project 766200 - Continuation)

\$52,000.00 - Department of Agriculture, Science and Education, Washington, D.C., Role of Carbon and Nitrogen Partitioning in Tolerance to Moisture Stress in Soybean, Department of Agronomy - OARDC (B. A. McBlain and D. L. Jeffers), 1 September 1990 through 31 August 1991. (Project 768636 - Continuation)

\$50,000.00 - Department of the Air Force, Air Force Systems Command, Bolling Air Force Base, D.C., Electrical Conductivity of Ion Implanted Ladder and Semi-Ladder Polymers, Department of Physics (A. J. Epstein), 1 September 1990 through 31 August 1991. (Project 768616 - New)

\$44,883.00 - National Science Foundation, Washington, D.C., Pines, Planning, and People: A Longitudinal Study of Social and Cultural Change in Rural Venezuela, Department of Agricultural Economics and Rural Sociology (J. Havlicek), 1 July 1990 through 31 August 1991. (Project 768392 - New)

\$44,154.00 - Department of Energy, Argonne, Illinois, Theoretical Studies of Dynamics and Correlations in Heavy Electron Materials, Department of Physics (D. L. Cox), 1 November 1990 through 14 February 1991. (Project 766287 - Continuation)

\$32,900.00 - Environmental Protection Agency, Washington, D.C., Bacterial Degradation Under Anaerobic Conditions of KPEG-Modified Polychlorinated Biphenyls, Department of Microbiology (J. A. Krzycki), 1 October 1990 through 30 September 1991. (Project 767833 - Continuation)

\$29,250.00 - Department of Health and Human Services, National Cancer Institute, Bethesda, Maryland, Humoral Factors and Cancer-Associated Hypercalcemia, Department of Veterinary Pathobiology (C. C. Capen), 1 October 1990 through 30 September 1991. (Project 767855 - Continuation)

\$28,279.00 - Department of Health and Human Services, National Institute of Mental Health, Rockville, Maryland, Small Instrumentation Program, Medicine Administration (D. G. Comwell) and Biological Sciences Administration (G. L. Floyd), 15 September 1990 through 31 August 1991. (Project 768621 - New)

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**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$25,000.00 - Department of Health and Human Services, Office of Human Development Services, Washington, D.C., Child Welfare Traineeships, College of Social Work (K. J. Harper), 1 September 1990 through 31 August 1991. (Project 768578 - New)

\$24,995.00 - Department of Health and Human Services, Health Resources and Services Administration, Rockville, Maryland, Collection Analysis and Reporting of Regional AIDS Education and Training Center Data, Department of Family Medicine (L. L. Gabel), 15 September 1990 through 14 September 1991. (Project 768609 - New)

\$19,545.00 - National Science Foundation, Washington, D.C., Exploratory Research for U.S.-U.S.S.R. Cooperation in Ice Core Research in the Tien-Shan and Pamir Ranges, Byrd Polar Research Center (L. G. Thompson and E. Mosley-Thompson), 15 August 1990 through 31 July 1991. (Project 768584 - New)

\$15,000.00 - Department of Health and Human Services, National Institute of Dental Research, Bethesda, Maryland, International Conference: Biological Mechanisms of Tooth Movement and Craniofacial Adaptation, Orthodontics (Z. Davidovitch), 1 September 1990 through 31 August 1991. (Project 768568 - New)

\$12,500.00 - Department of Health and Human Services, National Center for Nursing Research, Bethesda, Maryland, Aging and Diabetes: Coping with Chronic Illness, Department of Life Span Process (E. M. Burns), 1 September 1990 through 31 August 1991. (Project 767664 - Continuation)

\$12,500.00 - Department of Health and Human Services, National Center for Nursing Research, Bethesda, Maryland, Processes of Change in Smoking Cessation, Department of Life Span Process (M. E. Wewers), 1 September 1990 through 31 August 1991. (Project 767831 - Continuation)

\$6,000.00 - Department of Agriculture, Forest Service, Riverside, California, Ethnicity and the Individual's Relationship to the Forest: A Psychological Perspective, School of Natural Resources and Department of Natural Resources - OARDC (J. L. Heywood and G. W. Mullins), 6 September 1990 through 30 June 1991. (Project 768574 - New)

\$6,000.00 - Department of Health and Human Services, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Autumn Immunology Conference, Department of Surgery (C. G. Orosz), 1 September 1990 through 31 August 1991. (Project 768572 - New)

\$4,992.00 - Department of Education, Office of Educational Research and Improvement, Washington, D.C., Interfacing Postsecondary Education and the Workforce: A Model, Department of Agricultural Education (L. E. Miller), 1 September 1990 through 28 February 1991. (Project 768575 - New)

\$4,079.00 - Department of Transportation, National Highway Traffic Safety Administration, East Liberty, Ohio, Statistical Analysis of VASCAR, Department of Statistics (T. J. Santner), 30 July 1990 through 31 December 1991. (Project 768607 - New)

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**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$2,459.00 - Department of Health and Human Services, National Eye Institute, Bethesda, Maryland, The Ohio State University Advanced Glaucoma Intervention Study, Department of Ophthalmology (P. A. Weber), 1 September 1990 through 31 August 1991. (Project 766355 - Continuation)

\$1,364.00 - Department of Agriculture, Science and Education, Peoria, Illinois, Cooperative Agricultural Research, Department of Entomology - OARDC (R. E. Treece) and Office of the Director - OARDC (R. F. Edwards), 1 October 1989 through 30 September 1990. (Project 766472 - Continuation)

\$352.00 - Department of Agriculture, Science and Education, Peoria, Illinois, Cooperative Agricultural Research, Office of the Director - OARDC (N. D. Schmidt and R. F. Edwards), 1 October 1989 through 30 September 1990. (Project 766472 - Continuation)

**TOTAL - FEDERAL AWARDS - \$ 8,632,477.00**

**State of Ohio Research Contracts/Grants**

\$60,181.00 - State of Ohio, Department of Human Services, Columbus, Ohio, Program Evaluation of the State Interdepartmental Cluster's System of Care Initiative, College of Social Work (E. Segal), 1 August 1990 through 30 June 1991. (Project 768630 - New)

\$50,000.00 - State of Ohio, Department of Development, Columbus, Ohio, Electrostatic Application of Pesticides, Department of Entomology - OARDC (F. R. Hall), 1 April 1990 through 31 March 1991. (Project 768311 - New)

\$45,646.00 - State of Ohio, Department of Development, Columbus, Ohio, The Commercial Motor Vehicle Safety Act of 1986: A Labor and Management Response, Academic Faculty of Labor Education and Research Services (C. J. Stanicka), 1 May 1990 through 30 June 1991. (Project 768258 - New)

\$17,600.00 - State of Ohio, Department of Health, Columbus, Ohio, Hemophilia/AIDS/HIV Infection Prevention, Department of Internal Medicine (S. P. Balcerzak), 1 July 1990 through 30 June 1991. (Project 767778 - Continuation)

\$5,770.00 - State of Ohio, Ohio Arts Council, Columbus, Ohio, Operating Support, Wexner Center for the Visual Arts - Administration (R. Stearns), 1 July 1990 through 30 June 1991. (Project 768538 - New)

\$3,500.00 - State of Ohio, Ohio Humanities Council, Columbus, Ohio, From Ohio to Classical Greece: Ohio State University Isthmia Excavations Archaeological Outreach Program, Department of History (T. E. Gregory), 16 June 1990 through 30 April 1991. (Project 768589 - New)

\$3,310.00 - State of Ohio, Ohio Arts Council, Columbus, Ohio, The Journal: The Literary Magazine of The Ohio State University, Department of English (D. J. Citino), 1 October 1990 through 30 June 1991. (Project 768533 - New)

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**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

State of Ohio Research Contracts/Grants (contd)

\$3,000.00 - State of Ohio, Ohio Arts Council, Columbus, Ohio, Jerome Lawrence Residency, Department of Theatre (A. L. Woods), 1 September 1990 through 31 January 1991. (Project 768608 - New)

TOTAL - STATE OF OHIO AWARDS \$ 189,007.00

Industrial Research Contracts/Grants

\$304,234.00 - Organon, Inc., West Orange, New Jersey, An Ultrasound Study of Ovarian Cyst Activity Comparing Orho Novum 1/35 or CTR-05 Versus a Concurrent Untreated Control, Department of Pharmacology (N. Gerber and G. Apseloff), 1 June 1990 through 31 May 1991. (Project 767548 - Continuation)

\$274,100.00 - E. I. DuPont de Nemours and Company, Inc., Wilmington, Delaware, Comparison of the Efficacy and Safety of Moricizine and Procainamide in Patients with Life Threatening Arrhythmias, College of Pharmacy (J. D. Coyle), 1 August 1990 through 31 January 1992. (Project 768581 - New)

\$121,916.00 - Pfizer, Inc., Groton, Connecticut, Phase I, Multiple Dose, Double-Blind, Placebo-Controlled Study Evaluating the Safety and Pharmacokinetics of Oral CP-88,059-1-002 in Normal Male Volunteers, Department of Pharmacology (N. Gerber), 1 August 1990 through 31 July 1991. (Project 768545 - New)

\$119,076.00 - CIBA-GEIGY Corporation, Summit, New Jersey, Multiple Oral Dose Safety Study of CGS-18102A-02 in Healthy, Normal Male Volunteers, Department of Pharmacology (N. Gerber), 1 July 1990 through 30 June 1991. (Project 768556 - New)

\$81,538.00 - Wetlands Research, Inc., Chicago, Illinois, Research Program at Des Plaines River Wetland Demonstration Project, School of Natural Resources (W. J. Mitsch), 1 June 1990 through 31 March 1991. (Project 768285 - New)

\$67,880.00 - Glucona v.o.f., Deventer, The Netherlands, Fortification of Selected Food Products with Calcium Gluconate, Department of Food Science and Technology - OARDC and Department of Food Science and Technology (P. M. T. Hansen), 1 September 1990 through 31 August 1991. (Project 768596 - New)

\$15,000.00 - Edison Materials Technology Center, Kettering, Ohio, Advanced Composite Survey, Department of Civil Engineering (R. L. Sierakowski), 1 September 1990 through 1 June 1991. (Project 768577 - New)

\$5,000.00 - Bivona, Inc., Gary, Indiana, Anesthesia Machine Contamination, Department of Anesthesiology (J. H. Brooks), 1 July 1990 through 30 June 1991. (Project 768597 - New)

\$4,923.00 - Sandoz, Inc., East Hanover, New Jersey, An Open-Label, Multicenter Study to Determine the Safety and Efficiency of Chronic Sandostatin Therapy in Acromegalic Patients, Department of Internal Medicine (W. B. Malarkey), 18 December 1989 through 31 December 1991. (Project 768123 - Continuation)

November 2, 1990 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

Industrial Research Contracts/Grants (contd)

\$4,200.00 - Westinghouse Electric Corporation, Pittsburgh, Pennsylvania, An Extension of the Model Test Program on the Gas Turbine Air Intake Systems for the DDG51 Main Propulsion Gas Turbine Modules, Department of Aeronautical and Astronautical Engineering (R. J. Freuler), 15 June 1990 through 15 July 1990. (Project 768396 - New)

\$2,455.00 - Sandoz, Inc., East Hanover, New Jersey, A Double-Blind, Multicenter Study to Determine the Safety and Efficacy of Chronic Sandostatin Treatment in Acromegalic Patients, Department of Internal Medicine (W. B. Malarkey) 1 March 1989 through 30 November 1990. (Project 767693 - Continuation)

\$143.01 - Molecular Biosystems, Inc., San Diego, California, Efficacy and Safety Study of Intravenous Albunex Injections for Enhancing Image Contrast in Echocardiography in the Right Ventricle, Department of Internal Medicine (A. C. Pearson), 1 February 1990 through 31 January 1991. (Project 768141 - Continuation)

Equipment - Digital Equipment Corporation, Maynard, Massachusetts, A General Purpose Workflow Control System for a Health Care Distributed Processing Environment, Division of Hospital and Health Services Administration (L. Bain), 25 July 1990 through 25 July 1992. (Project 768567 - New) (Approximate Dollar Value - \$300,000)

TOTAL - INDUSTRIAL AWARDS

\$ 1,000,465.01

Other Non-Federal Research Contracts/Grants

\$130,000.00 - Riverside Research Institute, New York, New York, Compact Range Analysis Research, ElectroScience Laboratory, Department of Electrical Engineering (W. D. Burnside and I. J. Gupta), 1 August 1990 through 30 September 1991. (Project 768565 - New)

\$105,238.00 - Purdue University, West Lafayette, Indiana, High-Temperature Superconductor Composites/Films, Department of Physics (J. C. Garland), 24 July 1990 through 23 July 1991. (Project 768591 - New)

\$97,888.00 - University of Texas, Galveston, Texas, Studies of Mechanism and Therapy of Human Immunodeficiency Virus (HIV) Cytotoxicity, Department of Veterinary Pathobiology (J. L. Rojko), 1 September 1990 through 31 August 1991. (Project 766650 - Continuation)

\$57,085.00 - Smokeless Tobacco Research Council, Inc., New York, New York, Effect of Smokeless Tobacco on the Postnatal Development of the Mouse and Rat, Oral Biology (R. B. Paulson), 1 January 1991 through 31 December 1991. (Project 767102 - Continuation)

\$56,786.00 - Partners for International Education and Training, Washington, D.C., Leadership Development Program in Competency-Based Vocational-Technical Education for Chilean Interns, Center on Education and Training for Employment (R. D. Ryan), 1 September 1990 through 31 May 1991. (Project 768583 - New)

\$55,000.00 - Purdue University, West Lafayette, Indiana, Experimental Study of Electron Transport in High-Temperature Superconductor Films, Department of Physics (T. R. Lemberger), 24 July 1990 through 23 July 1991. (Project 768590 - New)

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**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Other Non-Federal Research Contracts/Grants (contd)**

\$55,000.00 - Purdue University, West Lafayette, Indiana, Dynamical Properties of Josephson-Coupled Systems: Application to High-Temperature Superconductors, Department of Physics (D. G. Stroud), 24 July 1990 through 23 July 1991. (Project 768586 - New)

\$52,500.00 - The Rockefeller Foundation, New York, New York, Long-Term Agronomic Research - Phase I, Department of Agronomy - OARDC and Department of Agronomy (R. Lal), 1 September 1990 through 31 August 1991. (Project 768605 - New)

\$50,000.00 - The Juvenile Diabetes Foundation International, New York, New York, Effect of Diabetes on Messenger RNA Metabolism, Department of Physiological Chemistry (D. E. Schumm), 1 September 1990 through 31 August 1991. (Project 767801 - Continuation)

\$44,072.00 - The Juvenile Diabetes Foundation International, New York, New York, Assessment of the Mechanisms that Regulate Glomerular Mesangial Fibronectin Accumulation, Department of Internal Medicine (F. G. Cosio), 1 September 1990 through 31 August 1991. (Project 767671 - Continuation)

\$40,822.00 - Grayson-Jockey Club Research Foundation, Inc., Lexington, Kentucky, The Seroprevalence of Antibodies to the H1 and H2 Serotypes of Equine Rotavirus in Mares and Foals and an Analysis of Their Passive Transfer, Food Animal Health Research Program - OARDC (L. J. Saif), 1 September 1990 through 31 August 1991. (Project 768554 - New)

\$29,000.00 - John M. Olin Foundation, Inc., New York, New York, The Ohio State Program in Military History and Strategic Studies, Department of History (W. Murray), 1 August 1990 through 31 July 1991. (Project 768594 - New)

\$26,000.00 - Nine Members of the National Entrepreneurship Education Consortium, National Entrepreneurship Education Consortium, Center on Education and Training for Employment (R. D. Ryan), 1 July 1990 through 30 June 1991. (Project 768452 - Continuation)

\$25,000.00 - The Carnegie Museum of Natural History, Pittsburgh, Pennsylvania, Inventory and Comparative Analysis of the Skeletal Remains from the Carnegie Museum of Natural History, Department of Anthropology (P. W. Sculli), 21 September 1990 through 30 July 1992. (Project 768623 - New)

\$25,000.00 - Parkinson's Disease Foundation, New York, New York, MPTP-Induced Degeneration of Dopaminergic Nigrostriatal Neurons and Recovery of Function, Department of Psychiatry and Department of Pharmacology (M. H. Neff) and Department of Pharmacology (N. H. Neff), 1 September 1990 through 31 August 1991. (Project 768582 - New)

\$24,141.00 - The National Collegiate Athletic Association, Overland Park, Kansas, The Effects of Hassles and Uplifts on Selected Health and Performance Factors in Collegiate Athletes, School of Health, Physical Education, and Recreation (B. Nelson), 15 August 1990 through 14 August 1991. (Project 768595 - New)

\$20,000.00 - Maharishi Ayurveda Foundation, Lancaster, Massachusetts, Research on Natural Products and the Study of Effects of Sound and Light, Department of Pathology (H. M. Sharma), 15 June 1990 through 14 June 1991. (Project 768362 - Continuation)

November 2, 1990 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Other Non-Federal Research Contracts/Grants (contd)

\$18,000.00 - The National Collegiate Athletic Association, Overland Park, Kansas, The Effects of Life Stress, Coping Resources, and Personality on Injury, Illness, and Academic Difficulty in Collegiate Athletes, Department of Psychology (R. Russell), 1 September 1990 through 31 August 1991. (Project 768626 - New)

\$17,500.00 - Eight Members of the National Alliance of Community and Technical Colleges, National Alliance of Community and Technical Colleges, Center on Education and Training for Employment (R. D. Ryan), 1 July 1990 through 30 June 1991. (Project 768414 - Continuation)

\$17,321.00 - General Electric Foundation, Fairfield, Connecticut, Graduate Fellowship in Psychology, Department of Psychology (J. C. Naylor), 1 September 1990 through 30 June 1991. (Project 768602 - New)

\$14,000.00 - Southeastern Center for Electrical Engineering Education, St. Cloud, Florida, United States Air Force Graduate Fellowship, Department of Electrical Engineering (S. Yurkovich and J. M. Watkins), 1 September 1990 through 31 December 1990. (Project 768562 - New)

\$13,996.00 - Texas A & M University, College Station, Texas, Mineralogy of Eolian Sediments from the Ontong-Java Plateau, Department of Geology and Mineralogy (L. Krissek), 1 August 1990 through 31 December 1991. (Project 768629 - New)

\$13,663.00 - The Pennsylvania State University, Hershey, Pennsylvania, Hormone Stimulation Plus Chemotherapy in Advanced Breast and Prostate Cancer, Department of Surgery (J. R. Drago), 1 July 1990 through 30 June 1991. (Project 767956 - Continuation)

\$12,000.00 - Southeastern Center for Electrical Engineering Education, St. Cloud, Florida, United States Air Force Graduate Fellowship, Department of Electrical Engineering (R. Moses and W. M. Steedly), 1 September 1990 through 31 December 1990. (Project 768569 - New)

\$10,000.00 - American Diabetes Association, Ohio Affiliate, Inc., Worthington, Ohio, Diabetic Neuropathy: An In Vitro Approach, College of Pharmacy (D. B. McKay), 1 September 1990 through 31 August 1991. (Project 768579 - New)

\$10,000.00 - Dartmouth College, Hanover, New Hampshire, GEOSAT Radar Altimetry Data Processing, Byrd Polar Research Center (K. C. Jezek), 1 December 1989 through 30 November 1990. (Project 768601 - New)

\$8,796.00 - Ohio University, Athens, Ohio, On-Site Instruction for Vocational Agriculture Instructors in the Southeast Region, Department of Agricultural Education (R. K. Barrick), 1 July 1990 through 30 June 1991. (Project 767080 - Continuation)

\$8,672.00 - Delta Phi Epsilon, Columbus, Ohio, Student Personnel in Higher Education, Department of Educational Policy and Leadership (L. E. Fitzgerald), 1 September 1990 through 30 June 1991. (Project 768600 - New)

\$8,000.00 - Children's Hospital Research Foundation, Columbus, Ohio, Sulfonylurea Effects on Metabolism and Growth in Cystic Fibrosis, Department of Internal Medicine (T. M. O'Dorisio), 1 March 1990 through 28 February 1991. (Project 768615 - Continuation)

November 2, 1990 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Other Non-Federal Research Contracts/Grants (contd)**

\$7,000.00 - University of Texas, Houston, Texas, Evaluation of Home Uterine Contraction Monitoring in Evaluation of High Risk Pregnancies, Department of Obstetrics and Gynecology (J. D. Iams), 1 December 1988 through 30 November 1990. (Project 766646 - Continuation)

\$6,500.00 - The Fred C. Gloeckner Foundation, Inc., New York, New York, Identification of a Virus-Like Agent Associated with Line Pattern/Ring Pattern in Geranium and Improvement of Virus Detection in Geranium Using Double-Stranded RNA Analysis, Department of Plant Pathology - OARDC and Department of Plant Pathology (S. T. Nameth), 1 September 1990 through 28 February 1992. (Project 768558 - New)

\$6,000.00 - State Department of Education, Concord, New Hampshire and State Department of Elementary and Secondary Education, Jefferson City, Missouri, National Consortium of State Career Guidance Supervisors, Center on Education and Training for Employment (R. D. Ryan), 1 July 1990 through 30 June 1991. (Project 768406 - Continuation)

\$5,000.00 - Future Farmers of America, Alexandria, Virginia, An Examination of Middle School Enrollment in the Future Farmers of America, Department of Agricultural Education (R. Rossetti), 1 August 1990 through 31 July 1991. (Project 768610 - New)

\$3,655.00 - Morris Animal Foundation, Englewood, Colorado, Opioid Messenger Function in Neuromodulation of Equine Intestinal Motility: Role of Met-Enkephalin in the Carbohydrate Induced Laminitis Model, Department of Veterinary Anatomy and Cellular Biology (J. Masty), 1 September 1990 through 31 August 1991. (Project 767912 - Continuation)

\$2,000.00 - Lighting Research Institute, New York, New York, Interim Funding Support, Department of Zoology, Department of Biochemistry, and Department of Microbiology (C. Ingling, Jr.), 1 July 1990 through 1 September 1990. (Project 768612 - New)

\$1,353.00 - University of Washington, Seattle, Washington, Paleoclimatology of the Holocene and the Last Interglaciation, Byrd Polar Research Center and Department of Zoology (P. A. Colinvaux) and Byrd Polar Research Center (W. R. Eisner), 1 October 1989 through 28 February 1990. (Project 767877 - Continuation)

\$704.12 - Nebraska Department of Education, Lincoln, Nebraska and Kansas Department of Education, Topeka, Kansas, National Entrepreneurship Education Consortium, Center on Education and Training for Employment (R. D. Ryan), 1 July 1989 through 30 June 1990. (Project 767682 - Continuation)

\$200.00 - Hemophilia Foundation of Michigan, Ann Arbor, Michigan, The Ohio State University Hemophilia Treatment Center, Department of Internal Medicine (S. P. Balcerzak), 1 October 1989 through 30 September 1990. (Project 768137 - Continuation)

**TOTAL - OTHER NON-FEDERAL AWARDS**

**\$ 1,077,892.12**

November 2, 1990 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**ENGINEERING EXPERIMENT STATION**

**State Sponsored Research and Development**

\$97,667.00 - from Ohio University and the Ohio Coal Consortium, Athens, Ohio, for "Kinetics and Structural Evolution of Sorbents at High Temperatures," under the direction of the department of Chemical Engineering for the period June 1, 1990 through May 31, 1991. (529860)

\$60,759.00 - from Ohio University and the Ohio Coal Consortium, Athens, Ohio, for "Handling, Transport and Dispersion of Sorbent Powder for In-Furnace Injection," under the direction of the department of Chemical Engineering for the period June 1, 1990 through May 31, 1991. (529859)

\$50,000.00 - from the Edison Program, Columbus, Ohio and Welding Consultants, Columbus, Ohio, for "Development of an Underwater SMAW Electrode for Improved Fatigue Strength Wet Welded Joints," under the direction of the department of Welding Engineering for the period April 1, 1990 through March 31, 1991. (312511)

(\$160.00) - correct error on earlier project authorization for Ohio Department of Transportation's project "Rural Technology Transfer Center," under the direction of the department of Civil Engineering. (529836)

**TOTAL - STATE SPONSORED RESEARCH AND DEVELOPMENT** **\$208,266.00**

**Industry and Other Sponsored Research and Development**

\$159,830 additional budget from Lockheed Missiles & Space Company, Sunnyvale, California, for "Range Performance Test and Calibration," under the direction of the department of Electrical Engineering for the period January 1, 1991. (312496, Ext. 1)

\$40,000.00 - from various industry for membership in the Compact Radar Cross Section Measurement Ranges Research and Development Consortium under the direction of the department of Electrical Engineering. (312884)

\$20,831.00 - from Grumman Data Systems Corporation, Woodbury, NY, for "Navigating in Hypertext: A Focus on Hierarchy Topologies in Compound Documents," under the direction of the department of Computer and Information Science for the period June 1, 1990 through December 31, 1990. (312540).

\$10,000.00 - from various industry for Associate Membership in the Engineering Research Center for Net Shape Manufacturing under the direction of the Engineering Experiment Station. (529200)

\$3,000.00 - from industry for one development project in the one research area of the College.

\$2,000.00 - from various industry of Affiliate Membership in the Engineering Research Center for Net Shape Manufacturing under the direction of the Engineering Experiment Station. (529200)

**TOTAL - INDUSTRIAL AND OTHER SPONSORED RESEARCH** **\$235,661.00**

November 2, 1990 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

#### Establishment of Named Funds

##### The Crisafi-Monte Endowment Fund

The Crisafi-Monte Endowment Fund was established November 2, 1990, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Clara and Victor Monte and Bertha and Jack Crisafi.

All gifts are to be invested in the University's permanent endowment fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

A minimum of ten percent (10%) of the annual income shall be added to the fund's principal. The remaining annual income shall be used to support teaching, research and scholarships in diseases of the heart, lung and related disorders with particular attention given to individuals in the disciplines of primary care and family medicine.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donors.

##### The BancOhio National Bank Scholarship Endowment Fund

The BancOhio National Bank Scholarship Endowment Fund was established November 2, 1990, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from BancOhio National Bank Corporation.

All gifts are to be invested in the University's permanent endowment fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide scholarships in meaningful amounts for students with substantial academic promise enrolled in the University's College of Business, and scholarship recipients shall be known as "BancOhio Scholars." It is the donor's wish that recipients be selected from among graduates of high schools located within those counties of Ohio in which the donor, or any successor to the donor, conducts retail banking activities. It is the donor's further wish that special consideration be given in the selection process to members of racial minority groups. The University, shall, however, have sole authority to award these scholarships based on the selection of the students by the College's Scholarship Committee subject only to the approval of the Dean of the College of Business and in cooperation with the University Committee on Student Financial Aid.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

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**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Establishment of Named Funds (contd)**

**The Chester G. and Lorena C. Hawley  
Athletic Endowment Fund**

The Chester G. and Lorena C. Hawley Athletic Endowment Fund was established November 2, 1990, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from Chester G. and Lorena C. Hawley of Columbus, Ohio.

All gifts are to be invested in the University's permanent endowment fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide funds for the grant-in-aid (scholarship) costs of student athletes participating in the men's and women's varsity golf programs at The Ohio State University. Selection of the recipients is to be made by the Director of Athletics in cooperation with the University Committee on Student Financial Aid.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donors.

**The Ohio Staters, Inc. Founders Endowment Fund**

The Ohio Staters, Inc. Founders Endowment Fund was established November 2, 1990, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from Ohio Staters, Inc., Rita Thomas, wife of the late Oscar L. Thomas, and from family and friends of the late James C. B. Handley to commemorate the founding members whose dedicated leadership and exemplary spirit contributed to the tradition of excellent service to the University by Ohio Staters, Inc. since its incorporation on March 2, 1935.

The founding members of Ohio Staters, Inc. were Edward S. "Beanie" Drake; Charles W. Ebersold (B.A. '35, J.D. '38), John B. Fullen (B.S.Jour. '25), Howard L. Hamilton (B.A. '24), James C. B. Handley (B.S.Bus.Adm. '34), Fred J. Milligan (B.A. '28), William F. North (B.S.Bus.Adm. '36), Leo G. Staley (B.S.Ed. '28, M.A. '31), and Oscar L. Thomas (B.A. '26).

All gifts are to be invested in the University's permanent endowment fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used for any or all of the following:

To support timely and regular communications with the Ohio Staters, Inc. alumni to enhance their continuing interest and participation in Ohio Staters sponsored programs and activities.

November 2, 1990 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Establishment of Named Funds (contd)**

**The Ohio Staters, Inc. Founders Endowment Fund (contd)**

To support selected Ohio State University programs which exemplify the founding principles of Ohio Staters, Inc. and to perpetuate the memory of those persons recognized as founders of the organization.

All expenditures of income shall be approved in advance by the affirmative vote of a majority of the active members of Ohio Staters, Inc.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate University administrator in order to carry out the desire of the donors.

**The Lilyan B. Bradshaw Scholarship Fund**

The Lilyan B. Bradshaw Scholarship Fund was established November 2, 1990, with gifts to The Ohio State University Development Fund from Lilyan B. Bradshaw (B.A. '26) of Columbus, Ohio.

All gifts are to be invested in the University's permanent endowment fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide one or more scholarship awards to undergraduate and/or graduate students who are American citizens and plan to enroll or who are enrolled in the College of Engineering. Scholarship recipients shall be selected by the Dean of the College of Engineering or his/her scholarship committee, in consultation with the University Committee on Student Financial Aid.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson or program administrative officer in order to carry out the desire of the donor.

**Change in Description of Named Funds**

**The Robert Bartels Fellowship in Marketing Fund**

The Robert Bartels Fellowship in Marketing Fund was established September 7, 1990, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the Estate of Robert Bartels (B.S.Bus.Adm. '35, Ph.D '41), Professor Emeritus in the Academic Faculty of Marketing, College of Business. The description was revised November 2, 1990.

November 2, 1990 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Change in Description of Named Funds (contd)**

**The Robert Bartels Fellowship in Marketing Fund (contd)**

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to award one or more doctoral fellowships in Marketing. The award(s) shall be made for one year, with preference given for the final year of the student's program.

It is understood that in relation to this award, authorization for tuition and fees will be provided. If the award is not made in a given year, the income shall be added to the principal of the endowment.

Selection of the recipient shall be made by the chairperson of the Marketing Faculty, Director of the Ph.D. Program, and chairperson of the Graduate Studies Committee of the College of Business. Awards shall be made only to the highest ranking applicants who have maintained a 3.5 (out of 4.0) G.P.A. in graduate study.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

**The Robert Bartels Fellowship for Master of  
Business Administration Fund**

The Robert Bartels Fellowship for Master of Business Administration Fund was established September 7, 1990, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from the Estate of Robert Bartels (B.S.Bus.Adm. '35, Ph.D. '41), Professor Emeritus in the Academic Faculty of Marketing, College of Business. The description was revised November 2, 1990.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide one or more fellowships for Master of Business Administration students.

The award shall be made for one year and it is understood that in relation to this award, authorization for tuition and fees will be provided. If the award is not made in any given year, the income shall be added to the principal of the endowment.

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Change in Description of Named Funds (contd)**

**The Robert Bartels Fellowship for Master of  
Business Administration Fund (contd)**

Selection of the award shall be made by the Director of the Master of Business Administration Program and the chairperson of the Graduate Studies Committee, in consultation with the University Committee on Student Financial Aid. Awards shall be made to only to the highest ranking applicants who have maintained a 3.5 (out of 4.0) G.P.A. in undergraduate and/or previous graduate study.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

**The Robert Bartels Graduate Fellowship in Business Fund**

The Robert Bartels Graduate Fellowship in Business Fund was established September 7, 1990, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from the Estate of Robert Bartels (B.S.Bus.Adm. '35, Ph.D. '41), Professor Emeritus in the Academic Faculty of Marketing, College of Business. The description was revised November 2, 1990.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to award a fellowship to one or more doctoral students in Marketing, Finance, or Management.

The award shall be made for one year, preferably for the recipient's final year. It is understood that in relation to this award, authorization for tuition and fees will be provided. Should the award not be granted in a given year, the income shall be returned to the principal of the endowment.

Selection of the recipient(s) shall be made by the Director of the Ph.D. Program and the chairperson of the Graduate Studies Committee in the College of Business, in consultation with the University Committee on Student Financial Aid. The award shall be made to the applicant(s) of highest rank. Awards shall be made only to applicants who have maintained a 3.5 (out of 4.0) G.P.A. in graduate study.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

November 2, 1990 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

#### Change in Description of Named Funds (contd)

##### The Robert Bartels Graduate Fellowship in International Business Fund

The Robert Bartels Graduate Fellowship in International Business Fund was established September 7, 1990, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from the Estate of Robert Bartels (B.S.Bus.Adm. '35, Ph.D. '41), Professor Emeritus in the Academic Faculty of Marketing, College of Business. The description was revised November 2, 1990.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to award a fellowship to one or more doctoral students in International Business. During a year the award is not granted to a student in International Business, it may be awarded to a candidate in Marketing, Finance, or Management.

The award shall be made for one year, preferably for the recipient's final year. It is understood that in relation to this award, authorization for tuition and fees will be provided. In any given year the award is not granted, the income shall be returned to the principal of the endowment.

Selection of the recipient shall be made jointly by the Director of the Ph.D. Program, the chairperson or the Graduate Studies Committee, and head of the International Business Program in the College of Business, in consultation with the University Committee on Student Financial Aid. Awards shall be made only to applicants who have maintained a 3.5 (out of 4.0) G.P.A. in graduate study.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

##### The Robert Bartels Scholarship Fund for Study Abroad

The Robert Bartels Scholarship Fund for Study Abroad was established September 7, 1990, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from the Estate of Robert Bartels (B.S.Bus.Adm. '35, Ph.D. '41), Professor Emeritus in the Academic Faculty of Marketing, College of Business. The description was being revised November 2, 1990.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

November 2, 1990 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Change in Description of Named Funds (contd)**

**The Robert Bartels Scholarship Fund for Study Abroad (contd)**

The annual income shall be used to provide one or more scholarships to undergraduate students, preferably in Business, whose major requires or would significantly benefit from study abroad. In the absence of such applicants, awards may be made to students in the Arts, Humanities or Social and Behavioral Sciences who would similarly benefit from such study abroad. The award shall be made for one year and shall not be renewable. It is understood that in relation to this award, authorization for tuition and fees will be provided.

Awards shall be made only to applicants who have maintained a 3.5 (out of 4.0) G.P.A. Should the award not be made in any given year, the income shall be added to the fund's principal.

Selection of the recipient(s) shall be made from applicants for merit scholarships to study abroad by an appropriate University Committee, such as the Fulbright selection committee, in consultation with the University Committee on Student Financial Aid.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees, in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

**THE OHIO STATE UNIVERSITY FOUNDATION**

**Name Change**

**The Robert K. Fox Professorship in Chemistry**

The Robert K. Fox Professorship in Chemistry Fund was established August 23, 1989, by the Board of Trustees of The Ohio State University Foundation, which has established an endowed professorship with gifts designated for The Ohio State University College of Mathematical and Physical Sciences. The name was changed November 2, 1990.

Income provided by the Foundation shall be used to enhance the salary and support the work of the Robert K. Fox Professor of Chemistry.

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**REQUEST FOR CONSTRUCTION BIDS**

Resolution No. 91-62

Synopsis: The Fiscal Committee recommended the approval of request for construction bids for the Doan Hall - 1 Center Renovation.

November 2, 1990 meeting, Board of Trustees

**REQUEST FOR CONSTRUCTION BIDS (contd)**

WHEREAS authorization to request construction bids for the project identified above is recommended; and

WHEREAS this project was recommended by The Ohio State University Hospitals Board at its meeting on October 18, 1990:

NOW THEREFORE

BE IT RESOLVED That the President and/or Acting Vice President for Business and Administration be authorized to request construction bids on this project in accordance with established University procedures, and if satisfactory bids are received to award contracts, with all actions to be reported to this Board at the appropriate time.

Upon motion of Amb. Wolf, seconded by Ms. Casto, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix XXXI for background material, page 581.)

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**EMPLOYMENT OF ARCHITECTS/ENGINEERS AND  
REQUEST FOR CONSTRUCTION BIDS**

Resolution No. 91-63

**PROJECTS FUNDED BY SUBSTITUTE HOUSE BILL 808**

Synopsis: The Fiscal Affairs Committee recommended the approval of employment of architects/engineers and request for construction bids for the Pediatric Education Facility, Thurber Center for Literary Arts, and Franklin Park Conservatory Improvements.

WHEREAS authorization to employ architects/engineers and request construction bids for the projects identified above is recommended.

NOW THEREFORE

BE IT RESOLVED That the President and/or Acting Vice President for Business and Administration be authorized to select qualified architectural/engineering firms as necessary for these projects and that the fees for these services be negotiated between the firm selected and the University or the State of Ohio, as appropriate; and

BE IT FURTHER RESOLVED That the President and/or Acting Vice President for Business and Administration be authorized to request construction bids on these projects in accordance with established University and State of Ohio procedures, and if satisfactory bids are received, to recommend the award of contracts to the Department of Administrative Services, Division of Public Works, or to award contracts, with all actions to be reported to this Board at the appropriate time.

November 2, 1990 meeting, Board of Trustees

**EMPLOYMENT OF ARCHITECTS/ENGINEERS AND  
REQUEST FOR CONSTRUCTION BIDS (contd)**

**PROJECTS FUNDED BY SUBSTITUTE HOUSE BILL 808 (contd)**

Upon motion of Amb. Wolf, seconded by Mr. Teaford, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix XXXII for background material, page 583.)

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**NON-MANDATORY TRANSFER FROM CURRENT FUNDS  
FISCAL YEAR 1989-90**

Resolution No. 91-64

Synopsis: The Fiscal Affairs Committee recommended transfers to Endowment Principal Funds, Loan Funds, Annuity and Life Income Funds, Unexpended Plant Funds, Renewal and Replacement Funds - Remodeling and Renovation, Renewal and Replacements Funds - Repair and Replacement, Retirement of Indebtedness Funds and Investment in Plant Funds are being recommended for approval.

WHEREAS non-mandatory transfers from current funds for the fiscal year 1989-90 have been made; and

WHEREAS this accounting procedure is in compliance with the auditor of State that all transfers made among fund groups be reported:

NOW THEREFORE

BE IT RESOLVED, That the transfers as detailed in the accompanying report be accepted and approved.

Upon motion of Amb. Wolf, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix XXXIII for background material on Non-Mandatory Transfers from Current Funds Fiscal Year 1989-1990, page 585.)

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Mr. Nichols:

Several years ago a resolution on the Hospital Helicopter Consortium was approved by the Board and more recently that organization has undergone some restructuring. I would like to ask Reed Fraley to make a few comments to briefly bring you up to date on that restructuring.

November 2, 1990 meeting, Board of Trustees

Mr. Reed Fraley:

As Mr. Nichols indicated, several years ago the Hospitals became part of the Hospital Consortium of Central Ohio which is responsible for governing and managing Sky Med, the helicopter medical transport program. Initially, there were four other hospitals from the community involved and over the initial 2 1/2 years (1986 to 1989) for various reasons, the other hospitals chose not to continue their involvement.

We have looked at that program from University Hospitals' perspective and felt that it is very crucial in terms of our trauma program and several other outreach activities. We have spent some time looking at how to restructure the organization so there could be continued participation. We are at the point that the restructuring has occurred, and we have been able to work with Children's Hospital so that they will become a member of the Consortium. Together we will manage the Sky Med Program, with the option for other hospitals to join the organization if possible. Since we have a leadership position in the organization of the Consortium and the restructuring of it, we thought that is was appropriate for Gerald Maier, who has the administrative responsibility of that area in the Hospitals, to sit on the governing board and cast the vote on behalf of the University Hospitals in issues of governance that relate to the direction of the Sky Med Program. So we are asking for Mr. Maier to be appointed as a member and soul voter from the University on behalf of the Hospitals.

Amb. Wolf:

What impact on the financial arrangements that the University has -- will this new arrangement --

Mr. Fraley:

This arrangement does not change the financial relationship to the organization at all. What it changes is the governance of the organization. We have had organizations terminate their relationship that have been responsible for the nature of it, but not factually the content of this structure. This structure does not change the functional nor financial relationship, it changes the governance. By Children's willingness to rejoin the organization it gives an opportunity for other hospitals to join the Consortium.

**TRUSTEE FOR THE HOSPITAL HELICOPTER CONSORTIUM**

Resolution No. 91-65

Synopsis: The Fiscal Affairs Committee recommended the approval for a designated University employee to serve as a Trustee of the Board of Trustees of the Hospital Helicopter Consortium of Central Ohio.

WHEREAS the Board of Trustees of The Ohio State University in Resolution 88-55 authorized and directed the appropriate officials of The Ohio State University to take the necessary actions to join the Hospital Helicopter Consortium of Central Ohio; and

**TRUSTEE FOR THE HOSPITAL HELICOPTER CONSORTIUM (contd)**

WHEREAS it is in the best interest of the University for a designated employee of the University to serve on the Board of Trustees of this Corporation:

NOW THEREFORE

BE IT RESOLVED, That Gerald J. Maier, Associate Executive Director of The Ohio State University Hospitals or his successor to his University position is hereby designated to serve as a Trustee, (and, if elected, as an officer) of the Hospital Helicopter Consortium of Central Ohio, to represent the interests of The Ohio State University as part of his official responsibility to the University.

Upon motion of Amb. Wolf, seconded by Mr. Shumate, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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Mr. Barone:

I wish to announce that The Arthur G. James Cancer Hospital and Research Institute has been examined by Medicare and fully approved. I am very happy to report that all patients and research in the Hospital will be taken care of by Medicare.

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Mrs. Bowser:

I would like to call on Mr. Roy Nichols, Executive Director of the Christian Civil Liberties Union, has requested to address the Board.

Mr. Roy Nichols:

Thank you, Madam Chairperson. I was here last month with State Senator Gary Suhadolnik, and want to echo and add my support to the concerns he raised concerning the funding of the Gay and Lesbian Liaison Office here at the University. We understand that there is \$64,000 in funds and at the meeting last month learned that it is partially from students' fees and partially from other revenue sources. In addition to taxpayers, there are also students who are concerned with the use of those monies for that purpose.

The concerns are that the office will not be utilized in a way that would encourage those who are caught up in a pathological or addictive behavior to find a recovery route from that. But rather, to condone and encourage people to believe that there is nothing abnormal about deviant behavior and that the problem is with the other guy. Our concern is, also, that the Civil Rights laws were never intended to protect behavior-based groups. We don't normally set up liaison offices to address other types of socially unacceptable behavior, especially not unless it is aimed toward recovery, such as for drug addicts.

November 2, 1990 meeting, Board of Trustees

Mr. Nichols: (contd)

We have had some correspondence on the issue. Last month at the meeting there were a couple of remarks made by the Provost, which I would like to address. They indicated that, in part, the University has made its decision based upon some false premises. He made the statement that 10 percent of the population falls into this category and was quoted in the paper as indicating that the estimate would be some 6,000 students.

First of all, that is based upon a frequently misquoted passage in the Kinsey Report of 1948; which indicated that 10 percent of the male population at some point in their life -- over a period of time, between the ages of 16 and 55 -- were a part of that lifestyle. From that, people in the Gay Rights Movement have tried to conclude that at any given point in time, there are 10 percent who are. Secondly, as much more recent research has shown, Dr. Kinsey's estimate was based on very false data because he used a disproportionate number of prisoners, ex-convicts and sex offenders as his population base. Thereby, getting very skewed results. More reliable research has indicated that the real numbers are closer to 1 1/2 percent for men and 1/2 of 1 percent for women at any given point in time.

The statement was also made in the meeting that society has come to accept that gays have rights. Well, if we are talking about the Constitutional rights that are common to all, I don't think that has ever been in dispute. But if we are talking about rights that belong to them as a group, then I think that is completely off base. Society has not recognized that. Every city and state that has had the opportunity for people to vote on that issue on the ballot has rejected it. Only two states have accepted it by Legislation, and one of those is in the process of repealing it.

I don't think that it is accurate -- in fact, the U.S. Supreme Court has indicated clearly that there is no Constitutional right to the practice of that particular lifestyle. That the laws of over half of the states prohibiting such activity are not unconstitutional laws. And, therefore, I think there certainly can be no inference that there is an entitlement of any sort to the benefits of public funds in a manner which will condone or encourage a lifestyle which is very injurious to those who participate in it, as well as injurious to the public health. Our concerns are that it sets a bad precedent to have a behavior-based group given recognition as though they were a minority that is covered and protected by the Civil Rights laws, when that is not, in fact, the case, and when it is very injurious to public policy and public health and even the interest of those participating in the lifestyle to suggest that this is so.

I also have with me a copy of an article which I would like to distribute to the members of the Board. It reviews a book which, in much greater detail, analyses much of the recent research that has been done debunking some of the false premises and conclusions of the Kinsey Report and indicates the false data on which even the government has based much of its policy. For example, in the fight against AIDS, the government has consistently overestimated the anticipated number of AIDS cases and has had to revise its estimate downward. One of the reasons for that is because they grossly overestimated the number of people in the population who were in the at-risk groups. Thank you, very much.

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November 2, 1990 meeting, Board of Trustees

Thereupon the Board adjourned to meet Thursday, December 6, 1990, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio.

Attest:

Madison H. Scott  
Secretary

Shirley D. Bowser  
Chairperson

APPENDIX XXVIII

THE OHIO STATE UNIVERSITY ENDOWMENT SUMMARY  
October 19, 1990

Presented to the Investments Committee and  
Adopted by the Board of Trustees, November 2, 1990  
(See page 503)

**THE OHIO STATE UNIVERSITY**  
**ENDOWMENT FUND**

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**ENDOWMENT SUMMARY**

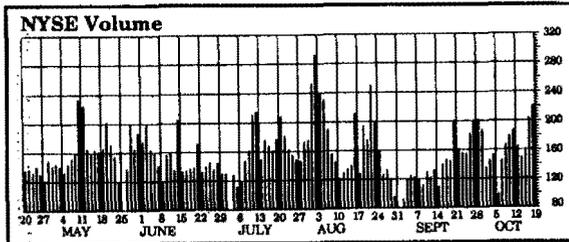
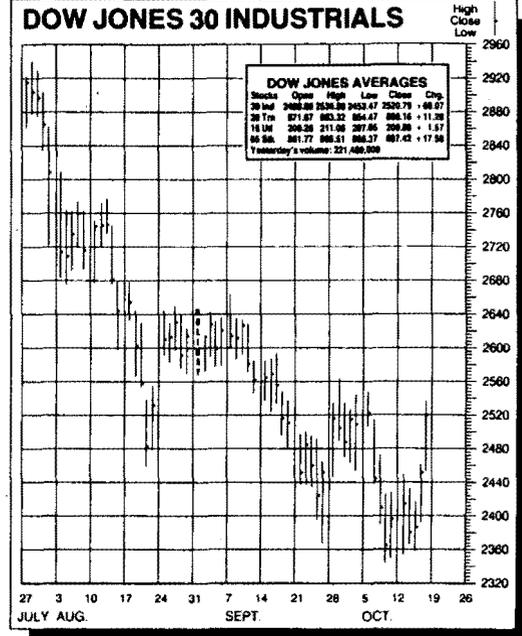
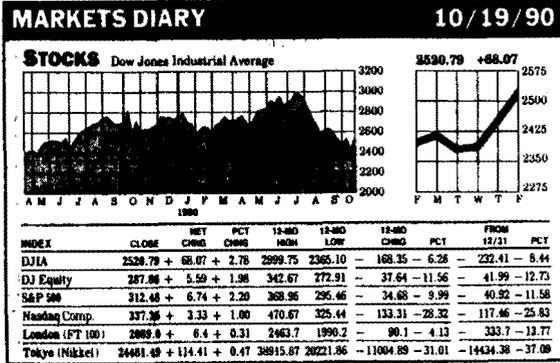
**October 19, 1990**

**Office of the Treasurer**



# The Ohio State University Endowment Fund

## Equity Market Information





**THE OHIO STATE UNIVERSITY**  
**Portfolio Summary**

	<u>10/19/90</u>	<u>6/30/90</u>
Unallocated Cash	\$23,144,104	\$26,394,640
<b>Equities:</b>		
Chicago	31,685,585	38,632,387
R. Meeder	9,595,750	13,001,471
Neuberger & Berman	12,005,851	14,170,710
Nicholas Applegate	12,628,411	15,494,958
Siebel	30,885,072	36,744,939
University Managed	24,696,968	33,379,715
University Students	4,802,041	5,622,381
Wells Fargo EAFE	8,449,318	9,088,214
Wells Fargo S&P 500	26,860,149	30,747,343
<b>Total Equities</b>	<u>161,609,145</u>	<u>196,882,118</u>
<b>Fixed Income:</b>		
Boatmen's Trust	27,472,970 [1]	23,329,632
Cambridge	896,848	921,596
Duff & Phelps	10,111,839	10,142,463
WR Lazard	9,850,097	9,888,684
STW Fixed Income	27,675,464 [1]	23,393,709
University GNMA	10,013,919	10,088,124
University Managed	205,710	289,044
<b>Total Fixed Income</b>	<u>86,226,647</u>	<u>78,053,252</u>
Real Estate	43,862,825	43,869,131
<b>TOTAL INVESTMENT POOL</b>	<u>\$314,842,721</u>	<u>\$345,199,141</u>
Less amounts invested for:		
University Foundation	(14,923,299)	(16,383,204)
Transportation Research Center	(3,755,130)	(6,935,639)
<b>TOTAL ENDOWMENT FUND</b>	<u>\$296,164,292</u>	<u>\$321,880,298</u>

	<u>10/19/90</u>	<u>% of</u>	<u>09/21/90</u>	<u>% of</u>	<u>6/30/90</u>	<u>% of</u>
<u>Asset Allocation</u>		<u>Portfolio</u>		<u>Portfolio</u>		<u>Portfolio</u>
Equities	\$147,118,954	46.73	\$149,924,820	47.87	\$163,764,582	53.23
Fixed Income	84,300,691	26.78	73,283,197	23.40	77,004,000	22.31
Real Estate	43,778,500	13.90	43,778,500	13.98	43,778,500	12.66
Cash	39,644,576	12.59	46,215,567	14.75	40,652,059	11.78
<b>Total</b>	<u>\$314,842,721</u>	<u>100.00</u>	<u>\$313,202,084</u>	<u>100.00</u>	<u>\$345,199,141</u>	<u>100.00</u>

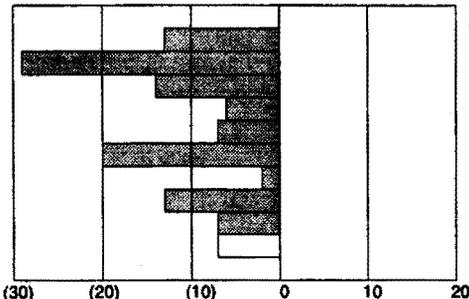
[1] Commitment increased \$5,000,000 on October 12, 1990.

## THE OHIO STATE UNIVERSITY Endowment Performance Summary

### Estimated 12 Month Total Return

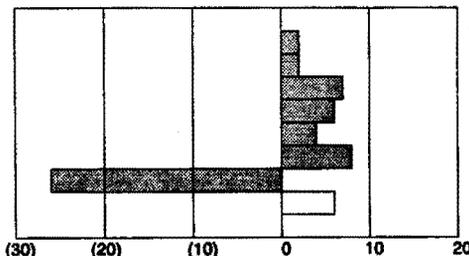
#### Equities

	Yield%	Market Value Change%	Total Return%
Chicago Corp (3.0)	2.4	(15.5)	(13.1)
R. Meeder (0.9)	2.3	(31.2)	(28.9)
Neuberger & Berman (0)	3.0	(18.5)	(13.5)
Nicholas Applegate (4.0)	1.2	(7.5)	(6.3)
Siebel (40.4)	4.2	(10.7)	(6.5)
University Managed (0)	2.4	(22.5)	(20.1)
University Students (8.6)	1.7	(4.0)	(2.3) [1]
Wells Fargo EAFE (0)	2.1	(15.5)	(13.4)
Wells Fargo S&P 500 (0)	3.4	(10.0)	(6.6)
S&P 500 (0)	3.4	(10.0)	(6.6)



#### Fixed Income

	Yield%	Market Value Change%	Total Return%
Boatmen's Trust (0.9)	7.3	(5.0)	2.3
Cambridge (0.2)	8.1	(5.9)	2.2
Duff & Phelps (1.4)	8.5	(1.7)	6.8
WR Lazard (0.3)	8.8	(2.7)	6.1
STW Fixed Income (2.7)	8.9	(5.3)	3.6
University GNMA (7.5)	9.6	(1.3)	8.3
University Managed (0)	18.9	(44.5)	(25.6)
Shearson Govt/Corp (0)	9.1	(3.2)	5.9



( ) Percent Cash 10/19/90

[1] Reflects return from initial allocation February 20, 1990 only.

<u>Change in Total Valuation</u>	Year to Date	Latest Month
	July 1, 1990 to October 19, 1990	September 22, 1990 to October 19, 1990
Beginning Market Value	\$321,880,298	\$292,125,973
Principal Additions	9,854,468	4,243,801
Principal Withdrawals	(108,477)	(85,977)
Income Reserve	(780,433)	0
Change in Market Value	(34,681,584)	(119,505)
Ending Market Value	<u>\$296,164,292</u>	<u>\$296,164,292</u>

NOTE: Endowment Income from July 1, 1990 through October 31, 1990, totaled approximately \$4,561,000.

**THE OHIO STATE UNIVERSITY**  
**Maturities and**  
**Real Estate Activity**

**MATURITIES THAT OCCURRED DURING PERIOD**

<u>Par Value</u>	<u>Issue, Coupon, Maturity</u>	<u>Advisor</u>
------------------	--------------------------------	----------------

No maturities during the period.

**REAL ESTATE**

**Acquisitions & Sales**

Description

Cost or  
Appraised Value

No activity during the period.

**THE OHIO STATE UNIVERSITY**  
**Equity Acquisitions**

Purchases and Gifts During Period

<u>Number of Shares</u>	<u>Company</u>	<u>Advisor</u>	<u>Price/Share</u>	<u>Investment</u>	<u>Annual Dividend</u>
10,200	American Software, Inc.	Chicago	7.7574	\$79,125.00	\$2,142.00
3,700	Century Telephone, Inc.	Chicago	23.1204	85,786.14	1,554.00
2,000	Fifth Third Bancorp	Chicago	23.9375	47,875.00	2,160.00
5,400	Kentucky Utilities, Inc.	Chicago	19.1065	103,526.00	7,884.00
6,000	Lincoln Telecommunications, Inc.	Chicago	24.7403	148,441.60	4,440.00
1,100	Microsoft Corp.	Chicago	59.1750	65,092.50	0.00
2,100	Oklahoma Gas & Electric	Chicago	34.5000	72,586.50	5,208.00
2,000	Pacific Telecom, Inc.	Chicago	24.8443	49,688.60	2,200.00
2,700	Winn Dixie Stores, Inc.	Chicago	61.7297	166,845.66	5,832.00
3,800	Becton Dickinson & Co.	Nicholas-Applegate	68.3860	260,094.90	4,104.00
6,900	Centocor, Inc.	Nicholas-Applegate	36.7516	253,565.99	0.00
11,000	Chiquita Brands International, Inc.	Nicholas-Applegate	26.8414	295,915.60	4,400.00
3,500	Chiron Corp.	Nicholas-Applegate	34.0118	119,041.30	0.00
7,100	Coastal Corp.	Nicholas-Applegate	36.2981	258,142.60	4,260.00
2,700	Genentech, Inc.	Nicholas-Applegate	26.0619	70,529.00	0.00
1,100	General Motors Corp. Cl., E	Nicholas-Applegate	33.5940	37,019.40	616.00
700	Humana, Inc.	Nicholas-Applegate	43.3931	30,417.20	840.00
17,000	Manor Care Inc.	Nicholas-Applegate	14.9430	255,051.00	2,244.00
1,000	Medtronic, Inc.	Nicholas-Applegate	76.0275	76,087.50	820.00
2,400	Novell, Inc.	Nicholas-Applegate	22.2500	53,400.00	0.00
7,100	Pittson Co.	Nicholas-Applegate	19.9167	141,834.70	1,420.00
1,400	Sun Microsystems, Inc.	Nicholas-Applegate	18.0429	25,260.00	0.00
6,000	American Express Co.	Siebel	18.1850	109,530.00	5,520.00
35,000	American Waste Service, Inc.	Siebel	10.0000	350,000.00	0.00
700	Disney (Walt) Co.	Siebel	90.1250	63,136.50	406.00
12	American Information Technologies Corp.*	University Managed	62.3750	748.50	37.92
48	American Tel & Tel Co. Com.*	University Managed	31.7500	1,524.00	63.36
2,335	Banc One Corp.*	University Managed	25.1875	58,812.81	2,428.40
16	Bell Atlantic Corp.*	University Managed	47.9375	767.00	70.40
18	Bell South, Co.*	University Managed	52.5000	945.00	45.36

\*Gift

Continued next page

**THE OHIO STATE UNIVERSITY**  
**Equity Acquisitions**

Purchases and Gifts During Period (continued)

<u>Number of Shares</u>	<u>Company</u>	<u>Advisor</u>	<u>Price/Share</u>	<u>Investment</u>	<u>Annual Dividend</u>
8	NYNEX Corp.*	University Managed	71.3750	\$571.00	\$34.88
16	Pacific Telesis Group, Inc.*	University Managed	43.0625	689.00	32.32
12	Southwest Bell, Corp.*	University Managed	53.2500	639.00	31.20
16	U.S. West, Inc.*	University Managed	35.6250	570.00	32.00
180	USX Corp.	University Managed	35.6250	6,412.50	0.00
125	Worthington Industries, Inc.*	University Managed	20.6875	2,585.94	75.00
				<u>\$3,292,277.44</u>	<u>\$58,900.84</u>

\*Gift

**THE OHIO STATE UNIVERSITY**  
**Equity Sales**

Sales Made During Period

<u>Number of Shares</u>	<u>Company</u>	<u>Advisor</u>	<u>Price/Share</u>	<u>Total Sale</u>	<u>Gain (Loss)</u>
5,500	Apple Computer, Inc.	Chicago	31.1968	\$171,582.40	(\$45,742.60)
6,900	Avery International Corp.	Chicago	17.2390	118,496.63	32,364.92
9,100	C & S Sovran Corp.	Chicago	16.4890	149,453.80	(101,737.70)
2,900	Clorox Co.	Chicago	35.5000	102,758.08	12,307.06
5,600	Crompton & Knowles Corp.	Chicago	18.2604	101,890.83	47,504.47
6,400	First Virginia Banks, Inc.	Chicago	18.5022	117,994.04	(4,657.96)
5,400	Hillenbrand Industries, Inc.	Chicago	34.0000	183,242.88	(4,658.56)
8,366	Morrison, Inc.	Chicago	14.5340	121,591.44	(5,155.68)
5,800	SAFECO Corp.	Chicago	28.2228	163,691.96	9,266.96
9,600	SunTrust Banks, Inc.	Chicago	18.6258	176,178.03	(36,270.97)
1,800	Wal-Mart Stores, Inc.	Chicago	28.8750	51,856.28	25,499.76
3,500	Willamette Industries Co.	Chicago	34.5000	120,750.00	(22,750.00)
2,000	Autodesk, Inc.	Nicholas-Applegate	42.0260	84,052.00	19,221.64
3,000	Chemical Waste Management, Inc.	Nicholas-Applegate	19.5190	58,375.04	(6,511.36)
3,600	Dillard Department Stores, Inc.	Nicholas-Applegate	75.3900	266,244.45	27,616.45
7,400	Flightsafety International, Inc.	Nicholas-Applegate	36.9555	273,017.46	(46,108.34)
2,500	Home Depot, Inc.	Nicholas-Applegate	27.3167	68,139.51	39,648.51
10,900	Liz Claiborne, Inc.	Nicholas-Applegate	24.0000	261,600.00	(3,472.74)
7,500	MBIA, Inc.	Nicholas-Applegate	24.5244	183,476.64	(118,848.36)
3,700	Motorola, Inc.	Nicholas-Applegate	51.9726	192,070.28	(74,222.67)
10,000	Newell Co.	Nicholas-Applegate	19.5142	194,535.45	(70,914.55)
2,900	Southwest Airlines Co.	Nicholas-Applegate	14.1057	40,731.12	(9,073.36)
12,500	Storage Technology Corp.	Nicholas-Applegate	12.4554	154,937.47	(89,901.43)
4,000	Sun Microsystems, Inc.	Nicholas-Applegate	22.1761	88,712.50	7,766.67
97,400	Beverly Enterprises, Inc.	Siebel	6.0325	582,575.40	(131,507.20)
16,200	Sterling Software, Inc.	University Students	6.8410	109,201.27	(62,516.73)
				<u>\$4,159,154.92</u>	<u>(\$612,835.77)</u>

**THE OHIO STATE UNIVERSITY**  
**Fixed Income Acquisitions**

Purchases and Gifts During Period

<u>Par Value</u>	<u>Issue, Coupon, Maturity</u>	<u>Advisor</u>	<u>Current Yield</u>	<u>Yield to Maturity</u>	<u>Price</u>	<u>Investment</u>
5,750,000	U.S. Treasury Bond 7.500% 11-15-16	Boatmen's	8.9136	9.0990	84.1406	\$4,838,085.94
100,000	U.S. Treasury Note 9.375% 04-15-96	WR Lazard	9.0280	8.4820	103.8437	103,843.75
700,000	U.S. Treasury Note 8.250% 09-30-93	WR Lazard	8.2153	8.0860	100.4219	702,953.13
1,000,000	Associates Corp. 8.150% 08-01-09	STW	8.7411	9.0120	93.2380	932,380.00
4,000,000	U.S. Treasury Bond 10.750% 08-15-05	STW	9.5423	9.1680	112.6562	4,506,250.00
						\$11,083,512.82

**THE OHIO STATE UNIVERSITY**  
**Fixed Income Sales**

**Sales Made During Period**

<u>Par Value</u>	<u>Issue, Coupon, Maturity</u>	<u>Advisor</u>	<u>Price</u>	<u>Total Sale</u>	<u>Gain (Loss)</u>
500,000	Johnson & Johnson 8.875% 10-15-90	WR Lazard	100.0000	\$500,000.00	(\$1,060.00)
300,000	U.S. Treasury Note 9.000% 05-15-92	WR Lazard	101.5469	304,640.63	(234.37)
850,000	U.S. Treasury Bond 10.750% 08-15-05	STW	114.4083	972,453.13	(54,387.47)
				<u>\$1,777,093.76</u>	<u>(\$55,681.84)</u>

**THE OHIO STATE UNIVERSITY**  
**Real Estate Investments**

	<u>Yield</u>	<u>Year Acquired</u>	<u>Carrying Value</u>	<u>Appraised Value</u>	<u>Date Appraised</u>
Busch Boulevard Centre	9.36%	1990	\$4,275,000	\$4,275,000	10/89
46.984 acres of land in Delaware County	0.55%	1971	100,793	641,000	06/89
Hangar at Don Scott Field (Loan)	0.00%	1973	21,332 (1)	21,332	N/A
Hangar addition at Don Scott Field (Loan)	10.00%	1978	62,993 (1)	62,993	N/A
17.92 acres of land on Elterman Road	0.00%	1978	25,152	725,000	05/88
51 acres of land, 2809 West Granville Road	0.00%	1962	160,265	2,896,000	06/89
48.52 acres of land, 3025 West Granville Road	0.00%	1972	544,398	4,367,000	06/89
76.143 acres of land, 3253 West Granville Road	0.03%	1968	310,538	6,853,000	06/89
30.539 acres of land, 3371 West Granville Road	0.00%	1971	285,079	2,749,000	06/89
32 acres of land, 3371 West Granville Road	0.19%	1986	2,078,666	2,880,000	06/89
12 acres of land, 3483 West Granville Road	0.00%	1965	24,000	1,080,000	06/89
8.557 acres of land, 3505 West Granville Road	0.00%	1968	17,114	770,000	06/89
Undivided one-half interest in building and .65 acres at 1375 South Hamilton Road	2.94%	1986	95,000	95,000	01/86
94.5 acres of land on Harrisburg Pike	0.00%	1986	190,000	283,000	06/89
Building and 2.833 acres at 1900 Kenny Road	21.84%	1981	659,930	1,250,000	06/89
Building and 6.41 acres at 1960 Kenny Road	17.36%	1971	1,320,693	2,500,000	06/89
Building and 6.328 acres at 1991 Kenny Road	8.81%	1968	170,000	698,000	06/89
Building and 3.295 acres at 930 Kinnear Road	7.97%	1962	435,204	1,550,000	06/89
Building and 5.56 acres at 1100 Kinnear Road	3.74%	1984	825,000	2,650,000	06/89
20.988 acres of land on Shier-Rings Road	0.00%	1978	241,848	1,155,000	08/89
Veterans Administration Clinic	8.08%	1979	3,767,261	6,363,500	06/90
			<u>\$15,590,266</u>	<u>\$43,862,825</u>	

(1) Amount represents balance on loan made to Department of Aviation



Office of the Treasurer

Riverwatch Tower - Suite B  
364 West Lane Avenue  
Columbus, OH 43201-1002  
Phone 614-292-6261

**MEMORANDUM**

**Subject:** Proxy Solicitations  
**Date:** October 31, 1990  
**From:** James L. Nichols, Treasurer *James L. Nichols*  
**To:** Board of Trustees, The Ohio State University

During October 1990, the University voted eighteen proxies.

Management proposals were as follows:

- 1) Election of the Board of Directors;
- 2) Approval of Merger Agreement;
- 3) Ratification of the independent auditors;
- 4) Approval of Restricted Stock Plan for Non-Employee Directors;
- 5) Amendment to Stock Option Plan allowing for additional shares of common stock;
- 6) Adoption of Employee Stock Purchase Plan;
- 7) Approval of the Key Employees' Stock Option Plan;
- 8) Ratification of amendment to Key Employees' Stock Option Plan;
- 9) Approval of amendments to the 1977 Stock Option Plan;
- 10) Amendment to increase the number of shares of common stock;
- 11) Approval of additional shares for the Employee Incentive Stock Option Plan;
- 12) Approval of additional shares for the Management Incentive Plan;
- 13) Approval of the Company's Restricted Stock Plan.

The shareholder proposal was as follows:

- 1) Request the Company terminate all remaining economic relationships with South Africa.

The University voted for all Management proposals and for the shareholder proposal. Additionally, Management opposed the shareholder proposal.

The eighteen corporations were:

- 1) Automatic Data Processing, Incorporated
- 2) Bruno's Incorporated
- 3) California Microwave, Incorporated
- 4) Equifax Incorporated
- 5) First Mississippi Corporation
- 6) Jostens, Incorporated
- 7) Meredith Corporation
- 8) Microsoft Corporation
- 9) Morton International
- 10) National Semiconductor Corporation
- 11) Sara Lee Corporation
- 12) Scientific-Atlanta, Incorporated
- 13) Shaw Industries Incorporated
- 14) Sysco Corporation
- 15) Tandy Corporation
- 16) Telecredit, Incorporated
- 17) Wallace Computer Services Incorporated
- 18) Wang Laboratories, Incorporated

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APPENDIX XXIX

THE OHIO STATE UNIVERSITY FOUNDATION AND  
DEVELOPMENT FUND RECEIPTS

Presented to the Investments Committee and  
Adopted by the Board of Trustees, November 2, 1990  
(See page 504)

THE OHIO STATE UNIVERSITY  
 OFFICE OF UNIVERSITY DEVELOPMENT  
 OSU FOUNDATION & DEVELOPMENT FUND RECEIPTS

July-September  
 1989 compared to 1990

GIFT RECEIPTS BY DONOR TYPE

	Donors			Dollars		
	July	through	September	July	through	September
	<u>1989</u>	<u>1990</u>	<u>% Change</u>	<u>1989</u>	<u>1990</u>	<u>% Change</u>
Alumni	7,603	8,929	17	\$1,558,147	\$4,550,258	192
Non-Alumni	5,492	6,259	14	614,177	3,182,693	418
Corporations	704	661	(6)	2,200,931	2,631,134	20
Corporate Foundations	125	119	(5)	497,824	689,977	39
Private Foundations	46	53	15	725,222	778,253	(7)
Other	<u>226</u>	<u>230</u>	2	<u>888,982</u>	<u>608,570</u>	(32)
TOTAL	14,196	16,251	14	\$6,485,283	\$12,440,885	92

APPENDIX XXX

THE OHIO STATE UNIVERSITY  
1990-91 CURRENT FUNDS BUDGET - 1ST QUARTER REPORT

Presented to the Fiscal Affairs Committee and  
Adopted by the Board of Trustees, November 2, 1990  
(See page 526)

THE OHIO STATE UNIVERSITY  
 1990-91 CURRENT FUNDS BUDGET  
 1ST QUARTER REPORT  
 All Funds Summary of Resources and Uses

<b>Budgeted Resources</b>		
<b>Central Campus</b>		
State Appropriations		\$320,150,000
Student Fees		
Instructional, General & Tuition	170,310,000	
Non-Credit Instruction	5,000,000	
Subtotal Student Fees		\$175,310,000
<b>Other Resources</b>		
Federal Grants and Contracts	107,840,000	
Ohio Grants and Contracts	14,160,000	
Local Grants and Contracts	14,280,000	
Private Gifts and Grants	66,950,000	
Endowment Income	11,050,000	
Departmental Sales & Services	32,380,000	
Auxiliary Sales & Charges	87,440,000	
Hospitals & CHRI Services	255,090,000	
Other Sources	16,280,000	
Subtotal Other Resources		\$605,470,000
<b>Total Central Campus</b>		<b>\$1,100,930,000</b>
<b>Regional Campuses</b>		
State Appropriations	14,190,000	
Student Fees	12,230,000	
Other Resources	5,170,000	
<b>Total Regional Campuses</b>		<b>\$31,590,000</b>
<b>OARDC</b>		
State Appropriations	23,060,000	
Federal	7,750,000	
All Other	4,300,000	
<b>Total OARDC</b>		<b>\$35,110,000</b>
<b>Grand Total - Resources</b>		<b>\$1,167,630,000</b>
<b>Budgeted Uses</b>		
<b>Central Campus</b>		
Educational and General Expenditures	732,980,000	
Auxiliaries	94,400,000	
University Hospitals & CHRI	271,800,000	
<b>Total Central Campus</b>		<b>\$1,099,180,000</b>
<b>Regional Campuses</b>		
ATI	7,590,000	
Lima	6,360,000	
Mansfield	5,720,000	
Marion	5,150,000	
Newark	6,650,000	
<b>Total Regional Campuses</b>		<b>\$31,470,000</b>
<b>OARDC</b>		<b>\$35,110,000</b>
<b>Grand Total - Uses</b>		<b>\$1,165,760,000</b>

THE OHIO STATE UNIVERSITY  
 1990-91 CURRENT FUNDS BUDGET  
 1ST QUARTER REPORT

Summary of Proposed Resources  
 (In Millions of Dollars)

	Budgeted 1990-91	Estimated . 1990-91	\$ Change	% Change
<b>Central Campus</b>				
<b>Unrestricted General Funds</b>	\$482.31	\$482.31	\$ .00	.0%
<b>Earnings Operations</b>	386.79	386.79	.00	.0%
<b>Restricted Funds</b>	231.83	231.83	.00	.0%
<b>Total Central Campus</b>	\$1,100.93	\$1,100.93	\$ .00	.0%
<b>Regional Campuses</b>	31.59	31.59	.00	.0%
<b>OARDC</b>	35.11	35.11	.00	.0%
<b>Grand Totals</b>	\$1,167.63	\$1,167.63	\$ .00	.0%

THE OHIO STATE UNIVERSITY  
 1990-91 CURRENT FUNDS BUDGET  
 1ST QUARTER REPORT

Summary of Proposed Uses  
 (In Millions of Dollars)

	Budgeted 1990-91	Estimated 1990-91	\$ Change	% Change
<b>Central Campus</b>				
Unrestricted General Funds	\$482.31	\$482.31	\$.00	.0%
Earnings Operations	385.04	385.04	.00	.0%
Restricted Funds	231.83	231.83	.00	.0%
<b>Total Central Campus</b>	<b>\$1,099.18</b>	<b>\$1,099.18</b>	<b>\$.00</b>	<b>.0%</b>
<b>Regional Campuses</b>	<b>31.47</b>	<b>31.47</b>	<b>.00</b>	<b>.0%</b>
<b>OARDC</b>	<b>35.11</b>	<b>35.11</b>	<b>.00</b>	<b>.0%</b>
<b>Grand Totals</b>	<b>\$1,165.76</b>	<b>\$1,165.76</b>	<b>\$.00</b>	<b>.0%</b>

THE OHIO STATE UNIVERSITY  
 1990-91 CURRENT FUNDS BUDGET  
 1ST QUARTER REPORT

All Funds Resources Summary  
 (In Millions of Dollars)

	General Funds	Earnings Operations	Restricted Funds	Estimated 1990-91	Budgeted 1990-91
<b>Central Campus</b>					
State Appropriations	\$277.72	\$ 0.00	\$42.43	\$320.15	\$320.15
Student Fees	170.31	5.00	.00	175.31	175.31
<b>Other Resources</b>					
Federal Grants and Contracts	17.84	.00	90.00	107.84	107.84
Ohio Grants and Contracts	.46	.00	13.70	14.16	14.16
Local Grants and Contracts	.78	.00	13.50	14.28	14.28
Private Gifts and Grants	4.25	.00	62.70	66.95	66.95
Endowment Income	1.55	.00	9.50	11.05	11.05
Department and University Services	.38	32.00	.00	32.38	32.38
Auxiliary Sales & Charges	.02	87.42	.00	87.44	87.44
Hospitals & CHRI Services	.00	255.09	.00	255.09	255.09
Other Sources	9.00	7.28	.00	16.28	16.28
Total Other Resources	\$34.28	\$381.79	\$189.40	\$605.47	\$605.47
Total Central Campus	\$482.31	\$386.79	\$231.83	\$1,100.93	\$1,100.93
<b>Regional Campuses</b>					
State Appropriations	14.16	.00	.03	14.19	14.19
Student Fees	12.02	.21	.00	12.23	12.23
Other Resources	.76	1.76	2.65	5.17	5.17
Total Regional Campuses	\$26.94	\$1.97	\$2.68	\$31.59	\$31.59
<b>GARDC</b>					
State Appropriations	.00	.00	23.06	23.06	23.06
Federal	.00	.00	7.75	7.75	7.75
All Other	.00	1.61	2.69	4.30	4.30
Total GARDC	\$ 0.00	\$1.61	\$33.50	\$35.11	\$35.11
<b>Total University</b>					
State Appropriations	291.88	.00	65.52	357.40	357.40
Student Fees	182.33	5.21	.00	187.54	187.54
Other Resources	35.04	385.16	202.49	622.69	622.69
Total University	\$509.25	\$390.37	\$268.01	\$1,167.63	\$1,167.63

THE OHIO STATE UNIVERSITY  
1990-91 CURRENT FUNDS BUDGET  
1ST QUARTER REPORT

All Funds Uses Summary  
(In Millions of Dollars)

	General Funds	Earnings Operations	Restricted Funds	Estimated 1990-91	Budgeted 1990-91
<b>Central Campus</b>					
Educational & General	\$480.95	\$37.00	\$215.03	\$732.98	\$732.98
Auxiliary Enterprises					
Residence & Dining Halls	.00	38.48	.00	38.48	38.48
Intercollegiate Athletics	.00	18.87	4.25	23.12	23.12
Other Auxiliaries	1.36	\$1.44	.00	32.80	32.80
Total Auxiliaries	\$1.36	\$88.79	\$4.25	\$94.40	\$94.40
University Hospitals & CHR1	.00	259.25	12.55	271.80	271.80
<b>Total Central Campus</b>	<b>\$482.31</b>	<b>\$385.04</b>	<b>\$231.83</b>	<b>\$1,099.18</b>	<b>\$1,099.18</b>
<b>Regional Campuses</b>					
Agricultural Technical Institute	5.75	1.04	.80	7.59	7.59
Lima Campus	5.80	.08	.48	6.36	6.36
Marionfield Campus	5.08	.09	.55	5.72	5.72
Marion Campus	4.45	.15	.55	5.15	5.15
Newark Campus	5.80	.55	.30	6.65	6.65
<b>Total Regional Campuses</b>	<b>\$26.88</b>	<b>\$1.91</b>	<b>\$2.68</b>	<b>\$31.47</b>	<b>\$31.47</b>
OARDC	.00	1.61	33.50	35.11	35.11
<b>Total Uses</b>	<b>\$509.19</b>	<b>\$388.56</b>	<b>\$268.01</b>	<b>\$1,165.76</b>	<b>\$1,165.76</b>

THE OHIO STATE UNIVERSITY  
 1990-91 CURRENT FUNDS BUDGET  
 1ST QUARTER REPORT

Distribution of 1990-91 Resources  
 Central Campus, Regional Campuses & OARDC  
 (In Millions of Dollars)

	All Funds	Percent of Total	Unrestr. General(4)	Percent of Total
State Appropriations	\$357.40	30.6%	\$291.88	57.3%
Federal Grants & Contracts	115.59	9.9%	17.84	3.5%
Other Government Sources	28.44	2.4%	1.24	.2%
Student Fees				
Instructional (1)	182.33	15.6%	182.33	35.8%
Non-Credit Instruction	5.21	.4%	.00	.0%
Hospitals & CHRI Services	255.09	21.8%	.00	.0%
Other Sales / Services (2)	119.82	10.3%	.40	.1%
Private Gifts & Grants	66.95	5.7%	4.25	.8%
Endowment	11.05	.9%	1.55	.3%
Other Sources (3)	25.75	2.2%	9.76	1.9%
<b>Total</b>	<b>\$1,167.63</b>	<b>100.0%</b>	<b>\$509.25</b>	<b>100.0%</b>

- (1) Includes instructional, general, non-resident, and misc. other fees.  
 (2) Includes departmental sales and services and auxiliary income such as residence and dining hall fees and parking fees.  
 (3) Includes temporary investments, prior years' earnings, rental income, etc.  
 (4) Excludes all earnings and restricted funds.

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APPENDIX XXXI

DOAN HALL - 1 CENTER RENOVATION

Adopted by the Board of Trustees, November 2, 1990  
(See page 548)

## **Request for Construction Bids**

### Background

#### Doan Hall - 1 Center Renovation

This project will renovate approximately 4,870 square feet of the first floor of Doan Hall to provide offices for Quality and Resource Management, Volunteer Services, and Medical Director Administration.

Funds for this project are available from University Hospitals. Construction costs are estimated at \$294,000.00 and the total project cost is estimated at \$350,000.00.

APPENDIX XXXII

PROJECTS FUNDED BY SUBSTITUTE HOUSE BILL 808

Adopted by the Board of Trustees, November 2, 1990  
(See page 549)

**Employment of Architects/Engineers and  
Request for Construction Bids**

Background

PROJECTS FUNDED BY SUBSTITUTE HOUSE BILL 808

Substitute House Bill 808, enacted by the 118th General Assembly, made capital appropriations for projects for The Ohio State University for the 1990-1992 biennium. The University desires to move forward with the following three projects totaling \$20,700,000.00, authorized by House Bill 808:

Line Item Projects

Pediatric Education Facility

This project will construct a facility of approximately 106,200 gross square feet to house the three basic components of Pediatric Education at Children's Hospital: faculty offices, classrooms, conference space, and training and support space.

Estimated Construction Cost: \$10,550,000.00

Estimated Project Cost: \$13,000,000.00

Thurber Center for Literary Arts

This project will demolish an existing apartment building and construct a new literary conference center with classroom and workshop space north of the existing Thurber House at 77 Jefferson Avenue. The project also will renovate the second floor rooms of Thurber House, provide historical furnishings for the house, and provide general renovation of the property located at 67 Jefferson Avenue for State library groups.

Estimated Construction Cost: \$ 410,000.00

Estimated Project Cost: \$ 500,000.00

Franklin Park Conservatory Improvements

This project will renovate and expand the 1895 Franklin Park Conservatory. Work included is restoration of the west entrance; mechanical and electrical improvements; construction of a support building on the east side to house offices, classrooms, library space, and multi-purpose areas; and construction of two display buildings on the north and south sides of the support building to house plant materials in three climatic zones.

Estimated Construction Cost: \$ 5,850,000.00

Estimated Project Cost: \$ 7,200,000.00

APPENDIX XXXIII

NON-MANDATORY TRANSFER FROM CURRENT FUNDS  
FISCAL YEAR 1989-90

Adopted by the Board of Trustees, November 2, 1990  
(See page 550)

The Ohio State University  
Board of Trustees

Non-Mandatory Transfers from Current Funds  
Fiscal Year 1989-1990

Account Description	Transfer		Amount
	Account Number	From A/C Number	
<b>ENDOWMENT FUNDS</b>			
Endowment Clearing Account	070002	010000	7,979.00
Endowment Clearing Account	070002	033607	7,021.00
Endowment Clearing Account	070002	037167	14,000.00
Endowment Clearing Account	070002	037593	2,600.00
Endowment Clearing Account	070002	038624	5,544.27
Arthur E. Baggs Memorial Fund	070253	037401	100.00
Dr. Floyd M. Beman Fund	070418	050469	500.00
Shirley A. Brooks Scholarship in Agriculture	070839	033008	1,382.07
Mertie I. Davis Fund	071599	033387	299,856.04
Friends of WOSU Endowment Fund	072324	033227	28,562.52
Robert E. Georges Scholarship Fund	072495	031475	5,400.00
The Baker & Hostetler Law Library and Building Fund	072498	051507	208,531.83
The Wayne Woodrow "Woody" Hayes Naval ROTC Leadership Award Fund	073022	033866	600.00
Holmes County 4-H Endowment Fund	073258	033590	50.00
The Charlotte S. Huck Children's Literature Endowment Fund	073311	011662	38,717.52
Humanities Fund	073338	032445	25,000.00
The Mary Karrer Memorial Fund	073554	038404	15,096.17
Kurtz Chairs	073854	023854	(87,696.87)
The Carolyn Engel Luebeck Memorial Endowment Fund	074370	033610	20,125.00
Francis McCormick Undergrad Scholar- ship Fund in Agricultural Economics	074618	016015	(1,145.00)
Francis McCormick Undergrad Scholar- ship Fund in Agricultural Economics	074618	016350	(297.50)
Devon Meek Industrial Lectureship and Undergrad Research Poster Presentation	074828	033063	5,000.00
Ohio Eminent Scholar in Industrial Microbiology	075353	039031	200,000.00
Ohio Eminent Scholar in High Temperature Structural Materials	075357	015018	500,000.00
Ohio Eminent Scholar in High Temperature Structural Materials	075357	038994	250,000.00
Ohio Eminent Scholar in Macro- molecular Structure Determination	075358	015018	500,000.00

The Ohio State University  
Board of Trustees

Non-Mandatory Transfers from Current Funds  
Fiscal Year 1989-1990

Account Description	Account Number	Transfer From A/C Number	Amount
<b>ENDOWMENT FUNDS</b>			
Ohio Eminent Scholar in Protien Engineering	075359	015018	500,000.00
Ohio Eminent Scholar in Protien Engineering	075359	039032	250,000.00
Mortar Board 75th Anniversary Fund	075413	038991	(150,000.00)
OSU Name & Seal Scholarship Fund	075427	015102	300,000.00
Pharmacy Advancement	075725	050520	(22,500.00)
The Dr. Dale A. Ray Memorial Fund	075977	036999	50.00
Renal Research & Development Fund	076015	036839	15,000.00
The Rho Pi Phi Scholarship Fund in Pharmacy	076063	035453	100.00
Transport Research Center Research Fund	077323	012950	3,961,312.00
Woodford Zimmerman Memorial Schlrshp Fund	077767	032604	3,338.00
Various Endowment Funds	07XXXX	02XXXX	864,934.59
<b>Total Transfers to Endowment Principal Funds</b>			<b>\$ 7,769,160.64</b>
<b>To: LOAN FUNDS</b>			
Transfers from Current Funds	079000	010000	0,006.00
Emergency Loans-ATTI	079991	033230	(11,093.91)
<b>Total Transfers to Loan Funds</b>			<b>\$ 8,912.09</b>
<b>To: PLANT FUNDS</b>			
<b>Unexpended</b>			
Land Purchases	082027	016300	61,560.64
Marion Branch Phase III	082065	010956	(1,747.86)
OARDC Gnotobiotic Lab	082068	010185	(0.01)
<b>Total Transfers to Unexpended Plant Funds</b>			<b>\$ 59,812.77</b>

The Ohio State University  
Board of Trustees

Non-Mandatory Transfers from Current Funds  
Fiscal Year 1989-1990

<u>Account Description</u>	<u>Account Number</u>	<u>Transfer From A/C Number</u>	<u>Amount</u>
<b>Renewal and Replacement Funds - Remodeling and Renovation</b>			
Bradford	085047	017200	2,021,131.00
Lincoln Improvements	085048	017200	241,632.00
Dorm Contingency Fund	085049	017200	1,883,493.40
Dorm Contingency Fund	085049	017300	542,283.42
Archer/Oxley Improvement	085050	017200	89,826.00
Parking Lot Repairs	085071	016007	58,200.00
Parking Ramp Repair	085175	016007	(15,000.00)
South Medical Parking Ramp Repairs	085176	016007	35,000.00
Northwest Parking Ramp Repairs	085177	016007	(10,000.00)
North Medical Parking Ramp	085269	016007	25,000.00
164 West Nineteenth Avenue	085275	010000	(6,337.00)
1100 Kinnear Road Renovation	085284	010000	168,285.53
Stadium Pressbox	085288	016019	(13,935.41)
1224 Kinnear Road	085290	010000	540,276.77
Eleventh Avenue Ramp Repairs	085307	016007	(10,000.00)
9th Avenue Ramp Repair	085308	016007	(5,000.00)
Veterinary Science Facility	085311	010000	(1,618.74)
Veterinary Medicine Lab Improvements	085322	015108	25,000.00
Arps Renovation - 282,283	085336	010000	(6,491.00)
Stadium Pressbox - Trustees	085337	010000	(53,419.25)
AM Night Transmitter	085376	010000	16,212.00
Lord/Hopkins Art Lab	085378	010000	86,066.00
Pressey Hall Remodeling	085382	010000	55,000.00
Pressey Hall Remodeling	085382	014033	5,903.39
International Studies Remodeling	085396	010000	(3,568.62)
Upham Hall - 2nd Floor	085398	010000	(1,974.74)
Oxley Hall Renovation	085402	010000	100,000.00
Enarson Hall Renovation	085414	010000	22,500.00
St. John Scoreboard	085443	016019	(0.11)
Central Service Bldg Renovation	085446	010000	298,500.00
Goss Lab - Proj 2943AR	085448	015109	28,253.83
Pressey Hall - Phase II	085455	010000	196,623.13
Arps Garage Repairs	085465	016007	(2,000.00)

The Ohio State University  
Board of Trustees

Non-Mandatory Transfers from Current Funds  
Fiscal Year 1989-1990

Account Description	Transfer		Amount
	Account Number	From A/C Number	
<b>Renewal and Replacement Funds -</b>			
<b><u>Remodeling and Renovation</u></b>			
Ohio Union Garage Repairs	085466	016007	(15,000.00)
12th Avenue Garage Repairs	085467	016007	(9,000.00)
Faculty Club Improvements	085469	010000	85,000.00
Morrison Tower - 2323AR	085493	017200	(21,186.98)
Food Service Consulting	085494	017200	117,834.48
Hagerty Hall Air Con - Proj 3299	085520	010000	1,682.00
Ohio Union Asbestos Removal	085533	016020	73,465.00
Lazenby Hall Renovation	085543	014100	9,984.00
WOSV Mansfield - Proj 3462	085549	011064	104,142.54
Scott - Byrd Center	085555	010000	12,024.21
Photo Lab Project 3496	085560	010000	74,500.00
Photo Lab Project 3496	085560	033562	20,000.00
Photo Lab Project 3496	085560	057256	47,000.00
Postle Hall-Oral Biology	085561	010000	4,475.00
Bevis Hall - Proj 3481AR	085566	010000	4,000.00
Asbestos Abatement	085570	010000	910.00
Student Financial Aid - Proj 3446AR	085573	010000	2,660.00
McCracken Asbestos Removal	085578	010000	80,000.00
Lord Hall Renovation - Proj 3578AR	085583	010000	29,300.00
Stadium Concession - Proj 3584AR	085584	016019	16,382.00
St. John Arena Close Circuit TV-3583AR	085585	016019	9,400.00
Aviation Academic facility	085588	010000	84,600.00
Aviation Academic facility	085588	024611	165,400.00
Ombudsman Office Renovation-Proj 3515AR	085590	010000	105,000.00
Agricultur Enginrng-Water Resources Ctr	085591	010000	105,000.00
Ctr for Teachng Excellnce-TV Monitors	085592	010000	25,665.00
Lima Campus Parking Lot	085593	010928	55,000.00
Lima Campus Parking Lot	085593	016008	135,000.00
Pressey Hall - Proj 3585AR	085595	010000	6,889.70
Site Improvements	085598	010000	12,214.00
University Police - Proj 3695AR	085599	010000	51,912.50
Howlett Hall - Proj 3709AR	085600	022256	115,350.00
Postle Hall - Proj 2889AR	085604	038237	101,500.00
Postle Hall - Proj 3694AR	085608	038003	105,000.00

The Ohio State University  
Board of Trustees

Non-Mandatory Transfers from Current Funds  
Fiscal Year 1989-1990

<u>Account Description</u>	<u>Account Number</u>	<u>Transfer From A/C Number</u>	<u>Amount</u>
<b>Renewal and Replacement Funds -</b>			
<b><u>Remodeling and Renovation</u></b>			
Vet Hosp-Animal Science Facility Renov	085613	010000	2,000.00
Bio Science/Zoology - Proj 3769AR	085616	010000	25,870.00
MRI/MRS Research Facility - Proj 4865AR	085617	050505	319,680.00
Campbell Hall Renovation	085618	010000	19,552.00
Fry Hall Room 137 - Proj 3555AR	085621	010000	46,150.00
High Voltage Lab - Proj 3727AR	085622	022125	91,000.00
Arps Hall - Asbestos Abatement	085623	010000	4,395.20
Sisson Hall - Asbestos Abatement	085624	010000	5,576.40
Neilwood Stairs - Proj 3801AR	085625	016102	7,130.00
Swine Surgery - Proj 3752AR	085626	024515	7,500.00
University Hall Lobby	085627	010000	35,000.00
Cunz Hall 156 - 3796AR	085629	010000	49,880.00
Robinson Lab Renovation	085630	010000	5,000.00
Ramseyer Comp - Proj 3835AR	085631	010000	78,800.00
General Biology - 3780AR	085632	010000	225,000.00
Agriculture Admin 44T - Proj 3847AR	085633	057801	26,500.00
Journalism Bldg - Proj 3783AR	085638	010000	36,000.00
<b>Total Remodeling and Renovation</b>			<b><u>9,010,978.65</u></b>
<b>Renewal and Replacement Funds -</b>			
<b><u>Repairs and Replacements</u></b>			
Veterinary Hospital Contingency	086806	011046	50,000.00
Veterinary Hospital Contingency	086806	015108	85,000.00
Child Care Center Plant Reserve	086808	011086	15,000.00
Computer Store Equipment Reserve	086809	014008	22,700.00
Computer Store Improvements Reserve	086810	014008	14,500.00
Human Relations Equipment Reserve	086811	010000	2,500.00
Purchasing - Equipment Replacement	086815	010000	20,000.00
Student Health Svc Clinic Equip Reserve	086816	011042	7,000.00
Business & Admin Equipment Reserve	086905	010000	18,069.92
Business Management Equipment Reserve	086907	010000	25,000.00
Treasurer Equipment Reserve	086908	010000	40,000.00
Physical Facility Equipment Reserve	086909	010000	(172,158.30)
Police Equipment Reserve	086910	010000	(1,887.77)

The Ohio State University  
Board of Trustees

Non-Mandatory Transfers from Current Funds  
Fiscal Year 1989-1990

Account Description	Transfer		Amount
	Account Number	From A/C Number	
<u>Renewal and Replacement Funds - Repairs and Replacements</u>			
Traffic & Parking Equipment Reserve	086911	016007	35,000.00
Food Facility Equipment Reserve	086912	014006	28,300.00
Stores Equipment Reserve	086913	014001	41,000.00
Printing Facility Equipment Reserve	086916	014002	700,000.00
Transportation Equipment Reserve	086917	010000	(1,000.00)
Bookstore Equipment Reserve	086918	016003	486,000.00
Telephone Equipment Reserve	086919	014007	413,674.00
Physical Facility Reserve	086920	010000	(171,103.46)
Fire Prevention Equipment Reserve	086923	010000	14,908.00
HC #1 Equipment Reserve	086924	016101	9,000.00
HC #2 Equipment Reserve	086925	016102	4,000.00
University Property Equipment Reserve	086926	016300	13,000.00
Endowment Property Equipment Reserve	086927	016350	87,600.00
N. Campus Apartment Equipment Reserve	086928	016390	2,000.00
Property Management Equipment Reserve	086929	016015	17,000.00
University Property Improvement Reserve	086930	016300	82,500.00
Endowment Property Improvement Reserve	086931	016350	96,400.00
N. Campus Apartment Improvement Reserve	086932	016390	4,000.00
HC #1 Improvement Reserve	086933	016101	21,000.00
HC #2 Improvement Reserve	086934	016102	135,500.00
Bookstore Improvement Reserve	086937	016003	6,000.00
Food Facility Improvement Reserve	086940	014006	200,000.00
Mail Service Equipment Reserve	086941	014027	21,200.00
Property Management Major Improvmt Resrv	086942	016015	4,400.00
Accounts Payable Equipment Reserve	086954	010000	48,750.00
Printing Facility Improvement Reserve	086957	014002	200,000.00
Ohio Union Improvement Reserve	086963	016020	(105,765.00)
Transportation Reserve	086964	010000	64,870.00
Transportation Reserve	086964	016007	200,000.00
Lantern Equipment Reserve	086968	011081	96,341.78
Repographics Equipment Reserve	086969	014015	110,000.00
Repographics Equipment Reserve	086969	014030	249,700.00
Public Safety Equipment Reserve	086971	010000	5,830.00
Registrar Equipment Reserve	086975	010000	50,000.00
OUB Equipment Reserve	086980	010000	70,000.00
Finance Equipment Reserve	086982	010000	191,700.00
IRCC Equipment Reserve	086983	010000	(435,000.00)
Recreation/Intramural Equip Reserve	086984	010000	55,000.00
Student Affairs - Equipment Reserve	086985	010000	76,851.23

The Ohio State University  
Board of Trustees

Non-Mandatory Transfers from Current Funds  
Fiscal Year 1989-1990

Account Description	Transfer		Amount
	Account Number	From A/C Number	
<b>Renewal and Replacement Funds - Repairs and Replacements</b>			
Student Affairs - Equipment Reserve	086985	016020	5,460.75
University Systems Equipment Reserve	086990	014033	100,000.00
University College Equipment Reserve	086992	010000	50,000.00
University Hospital Capital Equipment	086995	010000	(24,000.00)
University Hospital Capital Equipment	086995	019000	2,411,172.91
University Hospital Capital Equipment	086995	033387	9,000.00
Veterinary Pathobiology	086996	010000	94,270.00
Veterinary Pathobiology	086996	015109	106,300.00
<b>Total Repairs and Replacements</b>			<b>\$ 6,006,584.06</b>
<b>Total Transfers to Renewal and Replacement Funds</b>			<b>\$15,017,562.71</b>
<b>Retirement of Indebtedness</b>			
1986 Debt Service Pool	087063	010000	(271,700.00)
1986 Debt Service Pool	087063	016007	226,298.88
1986 Debt Service Pool	087063	016019	174,973.32
1986 Debt Service Pool	087063	037772	(29,269.90)
<b>Total Transfers to Retirement of Indebtedness</b>			<b>\$ 100,302.30</b>
<b>Total Transfers to Plant Funds</b>			<b>\$15,177,677.78</b>
<b>Grand Total Non-Mandatory Transfers From Current Funds</b>			<b>\$22,955,750.51</b>

APPENDIX XXXIV  
Degrees Conferred at  
THE OHIO STATE UNIVERSITY  
COMMENCEMENT CONVOCATION  
December 7, 1990

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## Commencement Speaker

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### **Stanley J. Aronoff** **Doctor of Laws**

As an energetic and committed public servant, Stanley J. Aronoff has devoted his considerable abilities to positioning Ohio as a leader in the areas of higher education, fine arts, and welfare reform.

A member of the Cincinnati law firm of Aronoff, Rosen & Stockdale, he has been a Republican state senator from the eighth district since 1967. Previously, he was a member of the Ohio House of Representatives from 1960 to 1966. Aronoff is currently president of the Ohio Senate.

A graduate of Harvard Law School, Aronoff focused his attention on higher education as a freshman representative and eventually became a leader in the movement for junior colleges, serving on the subcommittee that created the Community College Bill. He was also an active participant in the legislation that created the Ohio Board of Regents and the Ohio Student Loan Commission.

In 1965, Aronoff was instrumental in the establishment of the Ohio Arts Council. This council fosters a statewide cultural environment that attracts more business to the state. His experience and expertise in this field resulted in his being named the national chairman of the Arts, Tourism, and Cultural Resources Committee by the National Conference of State Legislatures in 1983. He has also served on the National Task Force for the Arts.

Aronoff has received numerous awards and recently received honorary degrees from the University of Cincinnati and Kent State University. Miami University awarded him its President's Medal, the Ohio Museums' Association named him "Museum Legislator of the Year," the American Physical Therapy Association named him "Man of the Year," and he received certificates of appreciation from the Ohio Farmers Union and the Sickle Cell Awareness Group of Greater Cincinnati, Inc. *Columbus Monthly* named him "one of the five best Ohio legislators" in 1988 and 1989. He received the Ohio Bar Association's Distinguished Service Award in 1986.

His commitment to the ideal of accessible higher education for all Ohioans makes Stanley Aronoff a particularly appropriate speaker for this commencement ceremony. Ohio State is honored to welcome him.

## Recipients of Honors

### Richard Armitage Distinguished Service Award

Richard Armitage's 35 years of service to Ohio State were distinguished by a high regard for scholarship, professionalism, and the value of personal communication.

Armitage received his bachelor's degree from Oberlin College and his master's and doctoral degrees from Ohio State, where he was designated a University Scholar in Romance Languages in 1940-41. He joined the Ohio State faculty in 1941 as an instructor in the Department of Romance Languages and rose to the rank of full professor, specializing in Spanish and Latin American studies. In 1955, he was named assistant dean of the College of the Arts and Sciences. In 1957, he assumed the duties of assistant dean of the Graduate School and became dean in 1963.

As dean, Armitage became deeply involved in the qualitative improvement of Ohio State's graduate programs, raising standards for both faculty and students. During his tenure, Armitage also brought Ohio State's University Press into prominence through his insistence on publishing selective scholarship in a high quality manner.

He served as the University's first ombudsman—a position that grew out of the campus turmoil of the late '60s and early '70s. The understanding he demonstrated in this position led to his appointment as Ohio State's vice president for student affairs in 1973.

Armitage is remembered not only for his sensitivity in dealing with the University community during troubled times, but also for his efforts to bring Ohio State's athletic programs up to higher academic standards.

In 1978, the Ohio State chapter of the American Association of University Professors honored Armitage with the first Nemzer Award, given each year to a member of the University community who has promoted and defended academic freedom.

Armitage took the position of vice chancellor for student services at the University of California at San Diego in 1978. By 1981, he became director of student academic services at the University of California at Los Angeles until his retirement.

At the time he left Ohio State, Armitage was hailed by President Enarson for his "vital role in the life of the University." Today, Ohio State is pleased to recognize that role with its Distinguished Service Award.

### Jack L. Beal Distinguished Service Award

As a dedicated researcher, committed teacher, and loyal alumnus, Jack L. Beal has served Ohio State in an outstanding manner.

Beal joined the faculty of Ohio State's College of Pharmacy in 1952, after receiving his bachelor's and master's degrees from the University of Kansas and his Ph.D. from Ohio State. During his 34-year tenure at the University, he pioneered research on antitumor, antihypertensive, antibiotic, and other types of biologically active constituents from plants. His research brought him international recognition in the field of natural product chemistry, and from 1977-84, he served as editor of the *Journal of Natural Products*.

Thousands of undergraduate pharmacy students have benefited over the years from Beal's skills as an educator. Many of his former students occupy distinguished positions as researchers and teachers around the world.

In 1961, as a Fulbright Fellow, Beal was visiting scientist at the University of Baghdad, and in 1976 he was visiting professor at the University of Munich. That same year, he was awarded honorary membership in the Egyptian Pharmaceutical Society. Among his many other honors are The Ohio State University Centennial Service Award, The Ohio State University Distinguished Alumni Award, Outstanding Educator of America, Research Achievement Natural Products Chemistry, honorary membership in the American Society of Pharmacognosy, and the Distinguished Economic Botanist Award.

In the latter stages of his academic career, Beal assumed administrative responsibilities as the College of Pharmacy's associate dean for graduate and research studies, the position he held at his 1986 retirement. Throughout his long service to Ohio State and to the College of Pharmacy, Beal maintained a lively interest in the college's alumni. Through his initiative and commitment, he developed an energetic College of Pharmacy Alumni Association in which, as professor emeritus, he continues in an active role.

The Ohio State University proudly recognizes Jack L. Beal's enduring contributions to scholarship and alumni relations with the Distinguished Service Award.

## The Graduate School

Dean: Roy A. Koenigsnecht

### Doctor of Philosophy

**Luis Nelson Aguilera Alfred**,  
Santiago, Chile; B.S. (Universidad de Chile); M.S. (Universidad Catolica);  
*Agricultural Economics and Rural Sociology*  
Dr. Douglas H. Graham

**Mahmoud Ahmadi**, Saveh, Iran; B.A.  
(Jersey City State College); M.S.;  
*Agronomy*  
Dr. Donald J. Eckert

**Ann Louise Albright**, Foresthill, CA; B.A.  
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### Master of Health Administration

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### Master of Labor and Human Resources

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### Master of Music

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### Master of Public Administration

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- Kathleen Parsons Schiciano**, Chesterland; B.S.H.E.; *Human Ecology*
- Arthur Carl Schultz**, Worthington; B.S. (Rose-Hulman Institute of Technology); *Mechanical Engineering*
- Loren James Schwiebert II**, Westerville; B.S.C.I.S. (Heidelberg College); *Computer and Information Science*
- Jun Shi**, Beijing, P.R.C.; B.S.C.I.S. (Beijing University); *Computer and Information Science*
- Wooyong Shin**, Seoul, South Korea; B.S. (Seoul National University); *Industrial and Systems Engineering*
- Paul Benson Silverstein**, Pittsburgh, PA; B.S. (Pennsylvania State University); *Electrical Engineering*
- Linda Slonknes**, South Amboy, NJ; B.S. (West Virginia University); *Aeronautical and Astronautical Engineering*
- Marchia Jocille Smith**, Durham, NC; B.S.C.I.S. (North Carolina Central University); *Computer and Information Science*
- Geovanny Solis-Fallas**, San Isidro, Costa Rica; B.S. (University of Costa Rica); M.A.; *Agricultural Economics and Rural Sociology*
- Eric Riley Sorrell**, Eaton; B.S.Agr.; *Animal Science*
- Paul Michael Spring**, Cleveland; B.A. (University of Michigan); *Pathology*
- Abraham E. Springer**, Fredericktown; B.A. (College of Wooster); *Geology and Mineralogy*
- Punam Srivastava**, New Delhi, India; B.S. (Saint John's University); *Pharmacy*
- Michael Lee Strobel**, Dublin; B.S.; *Geology and Mineralogy*
- Hua Su**, Beijing, P.R.C.; B.S. (Peking University); *Physics*
- Robin Michelle Sullivan**, Little Falls, NY; B.S. (Rochester Institute of Technology); *Natural Resources*
- Melisa Ann Takacs**, Columbus; B.S. (University of Dayton); *Chemistry*
- Sin Guan Tan**, Singapore, Singapore; B.S.E.E.; *Electrical Engineering*
- Mark David Tatgenhorst**, East Liverpool; B.S. (Youngstown State University); *Geodetic Science and Surveying*
- Paul Lewis Taylor**, Peoria, IL; B.S. (Millikin University); *Welding Engineering*
- Quinten Matthew Tift**, Mt. Pleasant, MI; B.S. (Central Michigan University); *Geodetic Science and Surveying*
- Vadakat Candadai Tirumalai**, Madras, India; Diploma (Osmania University); *Chemical Engineering*
- Hing Yan To**, Fresno, CA; B.S. (California State University-Fresno); *Electrical Engineering*
- Nigel Craig Trilk**, Leicester, England; B.S. (Brunel University); *Metallurgical Engineering*
- Lillian Popovich True**, Dayton; B.A. (Wittenberg University); *Zoology*
- Mehmet Uzumcu**, Seyoeshir, Turkey; B.S., D.V.M., M.S. (University of Ankara); *Veterinary Physiology and Pharmacology*
- Laura Grace VanArsdale-White**, Wyoming; B.S.; *Preventive Medicine*
- Cynthia Claire Van Buren**, Worthington; B.A. (Wittenberg University); *Preventive Medicine*
- Ty Thomas Vaughn**, Seville; B.S. (Kent State University); *Entomology*
- Jin-Yuan Wang**, Kaohsiung, Taiwan, R.O.C.; B.S. (National Taiwan Normal University); *Zoology*
- Barbara Jones Warren**, Worthington; B.S.Nurs. (Otterbein College); *Nursing*
- Timothy Joe Weaver**, Columbus; B.S.Agr.; *Animal Science*
- Ivan Weisz**, Budapest, Hungary; Diploma (Lorando Eotvos); *Computer and Information Science*
- Mark Alan Weritz**, Dover, NH; B.S., B.S. (University of Kansas); *Civil Engineering*
- Patricia Denise White**, Atlanta, GA; B.S. (University of Georgia); D.V.M. (Tuskegee Institute); *Veterinary Clinical Sciences*
- David Lee Widrig**, Mt. Vernon; B.S.Agr.E.; *Agricultural Engineering*
- Lying Sein Wong**, Columbus; B.A. (Loyola Marymount University); *Industrial and Systems Engineering*
- Jerry Lee Woodruff**, Columbus, B.S.Ed.; M.S. (Northeastern University); *Chemistry*
- Jeffrey Earl Woollard**, Schaumburg, IL; B.S. (Eastern Illinois University); *Nuclear Engineering*
- Yu-Ping Xu**, Shanghai, P.R.C.; B.S. (University of Science and Technology of China); *Geology and Mineralogy*
- Pay-Jye Yang**, Keelung, Taiwan, R.O.C.; B.S. (Feng-Chia University); *Civil Engineering*
- Humberto Yibirin**, Los Teques, Venezuela; B.S. (Central University of Venezuela); *Agronomy*
- Yousef Yousefian Zadeh**, Columbus; D.D.D. (Tehran University); D.M.D. (Washington University); *Dentistry*
- Alan Lee Zeigler**, Huber Heights; B.S. (Miami University); *Industrial and Systems Engineering*
- Wei Zhang**, Shanghai, P.R.C.; B.S. (Jiao-Tong University); *Electrical Engineering*
- Danpiao Zheng**, Shanghai, P.R.C.; B.S. (Tsinghua University); M.A. (Sangamon State University); *Computer and Information Science*
- Patricia Ann Zullo**, North Olmsted; B.S.Food Sc.; *Food Science and Nutrition*

## Master of Social Work

**Jeanette Rae Foster**, Cleveland; B.A. (Capital University); *Social Work*

## Colleges of the Arts and Sciences

Chairman, Coordinating Council of Deans: **Joan Huber**

Associate Dean for Undergraduate Studies in Arts and Sciences: **Robert M. Arkin**

The Colleges of Arts and Sciences, a federation of five colleges, includes:

College of the Arts  
College of Biological Sciences  
College of Humanities  
College of Mathematical and Physical Sciences  
College of Social and Behavioral Sciences

## College of the Arts

Dean: **Donald Harris**

## Bachelor of Arts

**Christopher William Andrus**, Naperville, IL  
**Wendy Kay Dolan**, Columbus  
**Robert Shawn Donat**, Yellow Springs  
**Mark Edmond Hallewell**, London, England  
**Jonathan Richard Johns**, Columbus  
**Mark Edward Klopfer**, Columbus  
**Julia Catherine Manning**, Columbus  
**Ronald William Martin**, Columbus  
**Don A. Milnor**, Bowling Green  
**David Stanley Pensak**, Cincinnati  
**Anne Elizabeth Riley**, Worthington  
**Shawn Sloves**, Little Ferry, NJ  
**Mark Anthony Steinmetz**, Centerville  
**Douglas Lynn Wright**, Farmington Hills, MI

## Bachelor of Fine Arts

**Nicole Kay Aken**, Fostoria  
**Hak Jeong Chung**, Kew Gardens, NY  
**Raymond Paul Graber**, East Southington  
**Susan Renee Graham**, Vandalia  
**Patrick Howard Johnson**, Columbus  
**Debi Ray-Chaudhuri**, Worthington  
**Annette Reedus**, Columbus  
**Judith Meyer Swedlow**, Columbus  
**Ricki Sue Wasserstrom**, Columbus  
**Tim L. Westrud**, Columbus

## Bachelor of Music

**Stacie Virginia Boord**, Marietta  
**Joseph Craig Crabtree**, Worthington  
**Anne Patterson Seaton**, Elm Grove, WI

## Bachelor of Art Education<sup>1</sup>

**Terry Lynn Marshall**, Eaton

## Bachelor of Art Education<sup>2</sup>

**James Adam Bibler**, Rawson  
**Albert Colon**, Bethlehem, PA  
**Susan Gerallynn Fisher**, North Canton  
**Susie Ann George**, Mansfield  
**Lori Groendyke-Knutti**, Dublin  
**Melissa Sue Harmeyer**, Cincinnati  
**Elizabeth Marie Jones**, Lima  
**Leslie Jean Kubishke-Koelsch**, Lorain  
**Eric Kenneth Meiners**, Columbus  
**Shari Ann Spayde**, Butler  
**Julie Ann Swetnam**, Orient

## Bachelor of Music Education<sup>3</sup>

**Brian Alan Belair**, Gahanna  
**Lori Lee Dill-Zinn**, Westerville  
**Scott Allen Heath**, Lima  
**Julia A. Pax**, Coldwater  
**John Michael Rundag**, Columbus

## Bachelor of Science in Industrial Design

**Brian T. Smith**, Dublin

## College of Biological Sciences

Dean: **Gary L. Floyd**

## Bachelor of Arts

**Mark Joseph Atanasoff**, Columbus  
**Peter James Doyle**, Akron  
**Randy Warren Ross**, West Carrollton

## Bachelor of Science

**Lisa Kay Babcock**, Columbus  
**Lianne Marie Corlett**, Strongsville  
**Karen Lee Courtad**, Columbus  
**Matthew Lee Cox**, Pemberville  
**Elizabeth DiSimone**, North Canton  
**Julianne Dorne**, Columbus

<sup>1</sup>Offered by the College of the Arts

<sup>2</sup>Offered by the College of the Arts and the College of Education

**Mark Edward Funk**, Ravenna  
**Steven David Gross**, University Heights  
**Susan Michelle Kretschmer**, Oxford  
**Henry Nicholas Kuntz III**, Centerville  
**Susan Michele Kutas**, Mentor  
**Leigh Ann Kutz**, Beach City  
**Jong Tae Lee**, Seoul, South Korea  
**Michelle Louise Link**, Bellaire  
**Timothy Allen Mahnke**, Columbus  
**Linda Marie McCart**, Toronto  
**Kelly Ann McCue**, Westerville  
**Omar Mobin-Uddin**, Worthington  
**Belinda Monte de Ramos**, Barnesville  
**Stephen Michael Santangelo**, Columbus  
**Stephanie Sue Scott**, Newark  
**Timothy Eugene Sigman**, Bellbrook  
**Evelyn Marie Smith**, Columbus  
**David Alan Tanner**, Dublin  
**Maria Jane Vetter**, Columbus

## College of Humanities

Dean: **G. Micheal Riley**

## Bachelor of Arts

**Kelsey Leigh Althouse**, Columbus  
**Mary Elizabeth Andrews**, Lakewood  
**Anne Martha Armstrong**, Columbus  
**David Michael Banbury**, Bladensburg  
**William Roger Barnhart**, Norwalk  
**Barbara Beatty Barresi**, Columbus  
**Bradley Jay Birch**, Columbus  
**Kevin William Bord**, Akron  
**Melissa Lynn Brennen**, Columbus  
**Theresa Lynn Brown**, Kettering  
**Lisa Marie Buchanan**, Salem  
**Paulina Marie Calderon**, Toledo  
**Susan Lynn Callaghan**, Westerville  
**Lashunya Dionne Chever**, Columbus  
**Michele Collins**, Columbus  
**Ignatius Pierre Dauchot**, Cleveland Heights  
**Kimberly Sue Davis**, Middlebourne, WV  
**Shirley Kaye Davis**, Radnor  
**Kirk Michael Downing**, Marietta, GA  
**Howard E. Eaton**, Bucyrus  
**Clyde Edwin Eynon**, Columbus  
**Michelle Marie Foss**, Mansfield  
**Emerson Colyer Foster**, Toledo  
**Julie Christine Franz**, Pickerington  
**Shaun H. Grimshaw**, Centerville  
**William Ann Gurosko**, Columbus  
**Lauren Hie Hanna**, Gahanna  
**Tammy Consuela Harris**, Columbus  
**Mary Elizabeth Hite**, Columbus  
**Todd Allen Ichida**, Fairview Park  
**Damon Lee Johnson**, Cleveland  
**Mark Raymond Kayse**, Columbus  
**Traci Marie Lane**, Sunbury  
**Nikki Ann Long**, Ludlow Falls  
**Shon Richard Lutz**, Niles  
**Elizabeth Gene Marshall**, Tiffin  
**Michael Dane Martin**, Columbus  
**Gerard David McIntyre**, Cincinnati  
**Christopher James Mehling**, Columbus  
**Vicki Jo Michaelis**, Columbus  
**Kimberly Ann Miller**, Lawrence, KS  
**Kristie Lynn Miller**, Columbus  
**Anthony Molnar**, Cleveland  
**Anne Frances Moore**, Findlay  
**Deborah Star Morse**, West Jefferson  
**Carla Marie Pomeroy**, Columbus  
**Lana Jean Reasoner**, Waldo  
**Carolyn Marie Rehg**, Dayton

Charles Edwin Roberts, Granville  
Christina Marie Rocci, Louisville  
Gregor Frank Rudl, Richmond Heights  
Janet Elizabeth Rupert, Bellefontaine  
Shawn Thomas Sams, Springdale  
Lisa Ann Sereyka, Wilkes-Barre, PA  
Jeffrey Lewis Swihart, Waldo  
Stefani Lynn Talley, Dayton  
Melissa Ann Vacca, Columbus  
Karen Lynn Vanek, Aurora  
Marie Elena Van Meter, Minford  
Khushru Homi Wadia, Columbus  
Joanna Lee Wallace, Cadiz  
Barton John Weaver, Willoughby Hills  
Mee Soon Yee Wong, Columbus  
Robyn Lynn Woods, Commercial Point  
Harold Kenneth Wright, Westerville

## College of Mathematical and Physical Sciences

Dean: C. William Kern

### Bachelor of Arts

David J. Blahnik, Columbus  
Clifford Carlson Bowser, Smock, PA

### Bachelor of Science

Philip David Baden, Westerville  
Ali Behaein, Worthington  
Stacy Marie Bianchi, Delaware  
James Lee Burroughs, Columbus  
Donald I. Cho, Columbus  
Philip H. Cichanowicz, Bucyrus  
Ronald Alan Clegg, Worthington  
Terry Duane Coates, Chillicothe  
Costas Andrea Constantinou,  
Limassol, Cyprus  
Tong Fang, Shanghai, P.R.C.  
Mark Wladimir Gilicinski, Columbus  
Eric Allen Hall, Columbus  
Leigh Anne Hocutt, Berea  
Eric Matthew Kress, Columbia Station  
Bowen Lee, Columbus  
Janine Frances Morgens, Columbus  
Susan Renee Oliver, Chillicothe  
Jeffrey David Pickett, North Canton  
Christopher Patrick Rayo, Columbus  
Wayne Kirk Schmidt, Columbus  
Cristina Serrat, Columbus  
Anthony David Stull, Mansfield  
David Francis White, Bethlehem, PA  
Mee Soon Yee Wong, Columbus

## College of Social and Behavioral Sciences

Dean: Joan Huber

### Bachelor of Arts

Helena Beatriz Airaldi, Rocky River  
Kathleen Grace Allaire, Columbus  
Nicholas Donald Anderson, Toledo  
Jonathan Mitchell Andrews,  
Anderson Island, WA

William Wesley Bailey, Grove City  
Karen Ruth Ballinger, Hamilton  
Jennifer Julie Bannon, Worthington  
Julie Ann Barnard, Findlay  
David Lee Barnes, Canton  
Stephan Andrew Barrick, Pickerington  
Jeanne Lee Bartholomew, Logan  
Robert Lester Bauer, Jr., Reynoldsburg  
Kristin Anne Bendickson, Troy  
Brian Keith Benio, Roswell, GA  
Barbara Lee Bleiholder, Worthington  
Margaret Anne Bohnfeldt, Rocky River  
James Sigfred Bohren, Clayton  
Nicole Ann Boos, Wadsworth  
Stephen Patrick Borghese, Columbus  
David Lawrence Breitenbecher, Bellbrook  
Annemarie Brennan, Youngstown  
Michael Joseph Brickner, Lexington  
Amy Kathleen Brooks, Pepper Pike  
James Edwin Browning, Orange, CT  
Regina Broz, Columbus  
Paula Marie Brush, Alliance  
Darrell Timothy Bunkley, Vienna  
Thomas Scott Burke, Lancaster  
Michael Shane Byrd, Sandusky  
Carlos Juan Cardona, Carolina, PR  
Carole Rhonda Carmichael, Gallipolis  
Luis E. Castrillo, Marion  
Tracy Lynn Catalano, Canton  
Joseph Theodore Chapman, Columbus  
Rhonda Alaina Clayton, Columbus  
Sherry Eileen Cotterman, Newark  
David Ellison Couch, Cape Coral, FL  
Tracy Lynn Cox, Mansfield  
Todd Merrill Cramer, Ontario  
Mychal Ronald Dave, Jr., Columbus  
Mary Elizabeth Davidson, Columbus  
Wesley Boyd Davis, Forest  
Kimberly Jo Day, Port Clinton  
Michael Della Vella, Westlake  
Mark Cary DeLong, Amherst  
Michael Brian Dodge, North Canton  
Robert Inglis Dunlop, Columbus  
Jennifer Ann Dunn, Centerville  
Kristin Louise Eakin, Olathe, KS  
Glenn Alan Earich, Warren  
Stasia L. Earl, Columbus  
Jodi Lynne Eitel, Mt. Sterling  
P. Richard Evans, Columbus  
Clyde Edwin Eynon, Columbus  
Robert Donald Fairchild, Jr., Columbus  
Laura Ann Farren, Clayton  
Paul Alan Fergus, Upper Arlington  
William Taylor Fischbein, Centerville  
Christopher Joseph Fisher, Chesterland  
Andrew Wade Flood, Columbus  
Bruce Allen Fogle, Columbus  
Lisa Marie Freeman, Columbus  
John D. Frye, Columbus  
Todd Franklin Gabel, Westerville  
Scott A. Gale, Columbus  
Maria T. Garcia, Brecksville  
Nicolette Angela Giambri, Columbus  
Michael Warren Giesler, Woodville  
James Allen Gillespie, Bucyrus  
Elaine Marie Greenhaige, Columbus  
Daniel James Greve, Cleveland Heights  
Mary Elizabeth Gross, Columbus  
Elaine Renée Hadley, Columbus

Kimberly Ann Haefel, Bucyrus  
Jeffrey Michael Hahn, Columbus  
Stephanie Michelle Halpern, Pepper Pike  
Lisa Victoria Haynes, Mansfield  
Debra Karen Hayon, Williamson, WV  
Barbara Alice Hegge, Columbus  
Julie Deanna Helms, Urbana  
George Richardson Heynen, Wilmette, NJ  
Lynn Michelle Hines, Columbus  
Scott Ryan Hixson, Norwich  
Jessica Ruth Hudacek, San Francisco, CA  
Jaime Isern-Suárez, Guaynabo, PR  
Jean Hayward Isham, Newark  
Michael Louis Jacobs, Pickerington  
Diane Liston James, Columbus  
John Franklin Jarrett, Westerville  
Elizabeth Randall Jones, Columbus  
Kristin Suzanne Jones, Mansfield  
Kellie Lynn Kallas, Amherst  
Tiffany M. Kaminski, Bath  
Vicki Lynn Kapsos, Canfield  
Joy Marie Kelley, Troy  
Patricia Susan Kelly, Canton  
David Joseph Kerscher, Upper Arlington  
Neil Wayne King, Rockford  
Craig Douglas Kizer, Sidney  
Kimberly Suzanne Klunk, Worthington  
Michael Elliott Kotler, Dayton  
Renee Michele Krafft, Reynoldsburg  
Christopher Thomas Krieg, Columbus  
Susanna Lynn Kuns, Bellevue  
Robert Hsiao Lewis, Wadsworth  
James Brian Lindsey, Columbus  
Brian Edward Linvill, Clemson, SC  
Alice B. Litt, Columbus  
Curtis Bruce Littlegreen II, Columbus  
Don Scott Long, Hamilton  
Anita Lynne Lowe, Worthington  
Barbara Marie Mager, Worthington  
Michael Anthony Maitino, Aurora  
Scott Kristian March, Chicago, IL  
Lawrence Rhoades Marryott, Jr.,  
Columbus  
Kumiko Matsubara, Columbus  
Steven Daniel McLaughlin, Shelby  
Lisa Ann McNulty, Wadsworth  
Sean William McSweeney, Columbus  
Andrea Lynn Miller, Lima  
Brian John Miller, Fremont  
Jennifer Lynn Mills, Newark  
Michelle Rene Milner, Columbus  
Susan Kathleen Mitchell, Pittsburgh, PA  
Stephen Mark Molnar, Columbus  
Peter Michael Moore, Bellbrook  
Lee Anne Morrison, Magnolia  
David Michael Nebraska, Columbus  
Antoinette M. Nunes, Cleveland Heights  
Lori Ann Ohlemacher, Sandusky  
Timothy Jon O'Leary, Toledo  
John Joseph Oppenheimer, Columbus  
Banu Ozer, Westlake  
Rachael Anne Pallay, Columbus  
Stephen Edwards Paris, Columbus  
Karen Marie Park, Dayton  
Barbara Lee Parry, Canfield  
Marie Ivette Pepple, Bay Village  
Kenneth Ray Perry, Columbus  
Robert Francis Peters, Greentown  
Terry Gene Petrey, Columbus

David Edwin Petroskey, Lorain  
 Kelly Ann Plants, Columbus  
 Diane Katherine Poerner,  
 Middleburg Heights  
 Tracy Elizabeth Pollock, Elyria  
 Camille Marie Pyles, Plain City  
 Tracey Ann Radican, Wellington  
 Dennis Jay Rasor, Gahanna  
 Cathleen Denise Rauch, Newark  
 Jerold Everett Reynolds, Columbus  
 Charles Allen Richter, Johnstown  
 Wendy Ellen Robinson, Hudson  
 Natalie Dawn Roffe, Grandview Heights  
 Carol Jean Rogers, Akron  
 Michael James Roggow, Corning, NY  
 Jennifer Ann Rood, Columbus  
 Mark Patrick Rooks, Columbus  
 Jacqueline Kay Rowland, Baltimore  
 Therese Ann Rudolf, Grove City  
 Rosalind J. Russell-Ellis, Trinidad  
 Kiyaki Christos Samaras, Columbus  
 Tonya Kay Sargel, Mansfield  
 Israel Schachner, Cleveland  
 Andrew Michael Schiller, Columbus  
 Pamela Kay Schooley, Oakwood  
 Amy Jo Scott, Canton  
 Sheila Scott, Warren  
 Beth Ellen Seitz, Sunbury  
 Lisa Ann Sereyka, Wilkes-Barre, PA  
 Amy Lynn Sheche, Mansfield  
 Julia Stormy Siess, Mansfield  
 Susan Nadine Sinjuri, Cleveland  
 Rodney Irwin Sloneker, Columbus  
 Rae Lynn Smith, Westerville  
 Matthew Edward Smithey, Gorham, ME  
 Jodi Rochelle Spatt, Columbus  
 Stephanie Anne Stafford, Worthington  
 Christopher David Stoltz, Strongsville  
 Charles Edward Stover, Jr. Columbus  
 Tamberly Lynn Swinehart, Xenia  
 Randall Scott Templeton, Kettering  
 Michael Patrick Thomas, Columbus  
 Christina Marie Turner, Columbus  
 Denise Sue Turner, Tiffin  
 Jeffrey John Vaflor, Marion  
 James Allen Van Tilburgh, Sidney  
 Kelly Lynn Vislay, Holland  
 Adam Eli Waldbaum, Shaker Heights  
 Todd Howard Warner, Columbus  
 Nathan Washington III, Columbus  
 Richard A. Weaver, Upper Arlington  
 Douglas John Wenning, Osgood  
 Elaine Marie Whiting, Martins Ferry  
 Karen Dawn Wielatz, Columbus  
 Melissa Jane Wiley, Huntington, WV  
 Barbara Ellen Williams, North Fairfield  
 Michael Anthony Wimbush, Cleveland  
 Kristen Eileen Workman, Akron  
 Candy Laurine Wright, Columbus  
 Michelle Antoinette Yezzi,  
 Mentor-on-the-Lake  
 Michaelene Marie Zinn, Newark

### Bachelor of Science

James Brown Allen, Circleville  
 Hieronymus Robert Bueck, Columbus  
 William Scott Cowman, Columbus  
 Doug T. Dailey, Geneva, IL

Scott Jay Feltner, Columbus  
 Steven Connor Fennessey, Cincinnati  
 Shahram Ighani, Columbus  
 Jacqueline Renee Koewler, Columbus  
 Mohamad Moinzadeh, Columbus  
 Gina Eileen Murray, Cincinnati  
 Michael Robert Reed, Columbus  
 John Dominic Reising, Columbus  
 Steven William Sergeant, Canton, GA  
 Marie Gauthier Shively, Lima  
 Timothy David Simon, Strongsville  
 David Nelson Stratton, Cincinnati

### School of Journalism

#### Bachelor of Arts in Journalism

Ranjini Anantharaman, Cincinnati  
 Ann Marie Bonhomme, Hudson  
 Lauren Nicole Borgquist, Columbus  
 Michael Veatch Bourn, Hartsville  
 Camille Sue Bradley, West Chester  
 Elizabeth Marguerite Brandenstein,  
 Wadsworth  
 Donna Marie Bruening, Mentor  
 Craig Robert Cichy, Reynoldsburg  
 Matthew Garrett Davis, Worthington  
 Jannette Erica Dugan, Ridgeway  
 Stephen Michael Ebricht, Columbus  
 Lynn Ann Echelberger, Ashland  
 Lynn Dee Eckman, Walbridge  
 Colin Gordon Ferguson, Glen Ellyn, IL  
 Elizabeth Florence, Upper Arlington  
 Rebecca Sue Fose, Granville  
 Robert Andrew Fradette, Westerville  
 Michele Andrea Frey, Springfield  
 Larry David Hamilton, East Liverpool  
 Leslie Colleen Grierson, Columbus  
 Linda Denise Gunlock, Chillicothe  
 David Eric Hardin, Cincinnati  
 Melissa Suzanne Harris, Lima  
 Brad Eugene Hofner, Lexington  
 Mark Douglas Hopkins, Whitehall  
 Erinn Shea Horn, Bellefontaine  
 Melissa Rae Hurd, Dover  
 Marie Ann Johnston, Cincinnati  
 Rebecah Marie Jones, Beavercreek  
 Jeffrey Scott Kempfer, Broadview Heights  
 John Ronald Kompa, Jr., Norwalk  
 Ingrid Korgemagi, Springfield  
 David John Koterba, Eastlake  
 Keith Edward Kufrin, Cleveland  
 Nathaniel Edward Lathy,  
 Canal Winchester  
 David Gregory Lawrence, Columbus  
 Tamara Renee Link, Newark  
 James William McCoy, Columbus  
 Marc Alan McTeague, Pickerington  
 Carolyn Ann Moore, Tucson, AZ  
 Carole Lucinda Paul, Hilliard  
 Monica Marie Pfeiffer, Canton  
 Eric Michael Plaskonos, Grove City  
 Elizabeth Jane Puglis, Mentor  
 Douglas Lee Reed, Maumee  
 Jack Douglas Renz, Toledo  
 Tony Wade Robinson, Fairfield

Victoria Sue Sampson, Cuyahoga Falls  
 Mark Allan Schmid, Springfield  
 Sandra Marie Scott, Cleveland Heights  
 Wendi Sue Shuster, Columbus  
 Mary Frances Sloat, Valleyview  
 David Lee Sonderman, Jr., Columbus  
 Shane Amblish Staples, Heath  
 Michael David Stover, Mansfield  
 Sheldon Lee Turrill, Jr., Columbus  
 Michele Elaine Valerio, Steubenville  
 Tamara Diane Vassaux, Powell  
 Melissa Marie Vickers, West Jefferson  
 Rebecca Lynne Walters, Columbus  
 Michelle Lea Weber, Fort Thomas, KY  
 Deborah Lynn Williams, Poland

### College of Agriculture

Acting Dean: J. Robert Warmbrod

#### Bachelor of Science in Agriculture

Pamela Jean Ames, Hillsboro  
 Kenneth Patrick Anderson, Ashland  
 Brian Lee Arnold, Sabina  
 Todd Alan Barcus, Frazeesburg  
 Raejean Fairy Bellamy, Georgetown  
 Brian Lee Bemiller, Johnstown  
 Brett Paul Bernard, Sabina  
 Mark David Binkley, Bowling Green  
 John Thomas Bizic, St. Clairsville  
 Michael Todd Britton, Chillicothe  
 Daren Lee Brown, Springfield  
 Eric Eugene Brown, Willard  
 Bernard Ray DeLong II, Lowell  
 Patricia Joan Duggan, Maumee  
 Richard T. Dysle,  
 Washington Court House  
 Mary-Jo Helena Ember, Columbus  
 Edward James Govang, Bedford  
 Kevin Dale Heacock, Cuyahoga Falls  
 James Nelson Hoffman, Lewistown  
 Roger Merle Hunker, Tiffin  
 Michael Richard Koeritzer, Novelty  
 Iwan Kolopaking, Indonesia  
 Stanton Dean Kraner, Worthington  
 Tricia Jean Kritzler, Kenton  
 Steven Edward Lang, Vincent  
 Terry Kurt Lester, Casstown  
 Steven Russell Logan, Farmdale  
 Steven Dean Mansfield, Delaware  
 David Lester Marrison, Jefferson  
 Scott Steven Meyer, Westerville  
 Jacqueline Susanne Miley, West Salem  
 Mark Miller Mountain,  
 Broadview Heights  
 Thomas Duane Myers, Napoleon  
 Kenneth Allen Osborne, Jr., Waynesville  
 Renee Sue Packer, Radnor  
 Derrick Bruce Rawson, Sylvania  
 Katrina Sue Rhoads, Waverly  
 Brad Allen Rife, Columbus  
 Todd Douglas Ruff, Circleville  
 James Brian Schleitker, Columbus  
 Hallie Jo Shankel, Paris  
 Jeffrey J. Shawhan, South Charleston  
 David Bradley Shuey, Springfield

Carmen Sue Spangler, Dorset  
David William Stover, Green Springs  
Thomas Boyce Taylor, Columbus  
Tori Roxane Thomas, Conesville  
Richard Kurtis Traugott, Ham Lake, MN  
Kathie Marie Van Ness, Gibsonburg  
Wendy Sue Weiss, Hamilton  
Joseph Allan Wetzel, New Riegel  
Mary Catherine Wilkins, North Olmsted  
Mark Roland Zimmerman, Tiffin

#### **Bachelor of Science in Food Science**

David Anthony Karolak, Lorain  
Douglas Charles Martin, New Vienna

#### **School of Natural Resources**

##### **Bachelor of Science in Natural Resources**

William Harry Bullard II, Columbus  
Julie Ann Carpenter, Barnesville  
James Perry Edwards, Fairborn  
Beth Ann Lah, Parma  
David James Lantz, Columbus  
Brady Thomas Ostrander, Medina  
William Robert Robinson, Jr. Alliance  
Donald Eugene Schmenk, Miller City  
Dale John Smith, Coshocton  
James Patrick Stricko, Youngstown  
Geoffrey Raymond Warner, Dellroy  
Scott Adrian Wolfe, Circleville

##### **Agricultural Technical Institute – Wooster**

##### **Associate in Applied Science**

Eric Paul Atwood, Circleville  
Mark Steven Beattie, Galloway  
Kelly Andrew Bechtel, Curryville, PA  
Joan Marie Beckett, Catlett, VA  
Christina Lin Caplinger, Eaton  
Nancy Diane Coffman, Marietta  
Bradley Wilson Davis, Forest  
John Paul Harker, Duncansville, PA  
Juliann Hrusovsky, Brook Park  
Mark D. Isler, Prospect  
Jyoti Elizabeth Kamp, Orrville  
Shawn Patrick Kelly, Canton  
Joseph Damian Kurlich, Medina  
David I. Levine, University Heights  
Jeffrey Lee Lutz, Greenville  
Mark Alan Lyons, Cumberland  
Thomas Nicholas Mazzaro, Rock Creek  
Melissa Eileen McMasters, Westerville  
Julie Yvonne Pierce, Springfield  
Christopher Zane Ponzani, St. Clairsville  
Joe Neil Smith, Wooster  
Kenneth James Smith, North Olmsted  
Clark Anthony Spieles, Lima  
Craig Alan Vogl, Toledo

Douglas Lee Wells, Shreve  
Kelli Lynne White, Gnadenhutten  
Julie Lynn Zaenger, Toledo

#### **College of Business**

Acting Dean: Astrid E. Merget

##### **Bachelor of Science in Business Administration**

Sarina ABD Ghani, Malacca, Malaysia  
Brian Preston Allen, Massillon  
Christopher Todd Altieri, Youngstown  
Stephen J. Amweg, Ohio City  
Mark Gregory Aquilio, Columbus  
Todd J. Arend, Columbus  
Vicki Kay Arnold, Cincinnati  
Jeffrey L. Asher, Columbus  
Karin Michelle Atkinson, Perrysburg  
Lara Kyle Bailey, Columbus  
Terry Phillip Baker, Lexington  
Ross James Barry, Moreland Hills  
David Leslie Bastian, Columbus  
Paula Louise Bauer, Columbus  
Edward E. Bauman, Pandora  
Nicole Elizabeth Bell, Westerville  
Tracy Lee Berkley, Lancaster  
Michelle Ann Berlin, Hubbard  
Robin Jay Beverly, Kenton  
Tom A. Bigler, Bloomingdale  
Mark Alan Bishop, Grove City  
Gary Brett Black, Columbus  
Tamara Gail Blau, Beachwood  
Christopher Anthony Boddie, Toronto, Ontario, Canada  
Jeffrey P. Bohlman, Centerville  
Dean R. Bohnert, Swanton  
James M. Borling, Brunswick  
Dana Michele Bornstein, Gahanna  
Timothy Sullivan Bosco, East Liverpool  
Nicholas Joseph Bouillon, Fostoria  
Elizabeth M. Broker, Marietta  
James Michael Brown, Lima  
Kevin Robert Bruce, Westerville  
Julie Ann Brunswick, Cary, NC  
Sandra Marie Bucceri, Hebron  
Steven Richard Buchheit, Steubenville  
Lisa Marie Buelterman, Cincinnati  
Alison Kathleen Bundy, Cincinnati  
Lisa Jo Buonamici, Hubbard  
Avon Judson Bush III, Columbus  
Scott A. Carpenter, Warsaw  
Julie Anne Carruthers, Maplewood  
Alice M. Castle, Haverhill  
Steven Edward Chapman, Columbus  
Robert Nelson Chastain, Powell  
Woon-Ling Choy, Singapore  
Anthony Mario Ciofani, Willoughby Hills  
Patricia Anne Citro, Pittsburgh, PA  
Anthony J. Colburn, Westerville  
Richard Lee Colwell, Georgetown  
Noreen Kay Contini-Ingilis, Lima  
Bradley Dean Corbett, Columbus  
Donald Gary Cordle, Westerville  
Leslie Irene Cornwell, South Euclid  
Sean C. Cox, Centerville

Michael T. Creager, Westerville  
Stephen David Crecelius, West Chester  
Colleen Marie Curry, Milford  
Brian David Daniels, Centerville  
Gregory Clark Davis, Lancaster  
K. Alan Davis, Troy  
Michael Sean Devine, Marion  
Sally A. Diebold, Cincinnati  
Robert M. Dillon, Groveport  
Susan Renee Dittmar, Kettering  
Carie Marie Dodson, Westerville  
Paul Robert Doerfler, Cambridge  
Amy Louise Dorsten, St. Marys  
Mary Kay Dryer, Cincinnati  
Jill Diane Dudek, Warren  
James Douglas Dunbar, Shelby  
Daniel McGill Eckert, Bay Village  
Susie Suk Kwan Eng, Columbus  
Mary Hajdin Everson, Bridgeport  
Timothy Patrick Michael Faherty, Columbus  
Daniel Eric Fairchild, Cambridge  
Andrew Marc Feldman, Bexley  
Ronald Lee Ferencz, Munroe Falls  
Roger William Fettrow, West Jefferson  
Bernadette Marie Fiascone, Avon Lake  
Judithann E. Firchow, Dublin  
Christine Ann Fischer, Centerville  
David Paul Fischer, Fairview Park  
Michelle Montrue Fletcher, Mechanicsburg, PA  
Timothy A. Fortney, Coshocton  
Teresa Renee Fosnot, Dayton  
Jill Armstrong Fountain, Worthington  
Jeffrey Michael Fox, Columbus  
David B. Friedman, Crawford, NJ  
Gregory Thomas Frost, Pickerington  
Tammii Juliana Frost, Columbus  
Judy A. Fuerst, Ottawa-Glandorf  
Michael King Fultz, Westerville  
Christopher Lance Furrow, Vandalia  
Barry S. Gahm, Hilliard  
Timothy Brian Gallagher, Chicago, IL  
Todd A. Gallaher, Powhatan Point  
Jean Frances Ganley, Dayton  
Randall T. Gerber, Gates Mills  
Jonathan Rothchild Gill, Beachwood  
Shelli Ann Gillen, Columbus  
Pamela Ann Glance, Seven Hills  
Laura Katherine Goldsberry, Mansfield  
George Alan Gummer II, Westerville  
Richard Andrew Hamilton, Columbus  
Catharina Eva Hammar, Columbus  
Cheryl Ann Haney, Columbus  
Charles Timothy Hanson, Hudson  
Brett Matthew Harmon, Zanesville  
William Thomas Harper, Columbus  
Charles Anthony Harris, Westerville  
Kevin Allen Harris, Lakewood  
Krista S. Hart, Kenton  
Gregory Paul Harville, Marion  
Robert W. Hathaway, Centerville  
Joy Kay Haymond, Mansfield  
Michael Dean Henkle, St. Marys  
Thomas Edward Hennel, Cincinnati  
Douglas Lee Hewitt, Circleville  
Michael K. Hickey, Vandalia  
Tracy Dale Higginbotham, Newark  
L. Michael Higgins, Jr., Kent

Robert Philip Higgins,  
Downers Grove, IL  
J. Eric Hodge, Vandalia  
D. Robert Houser Jr., Columbus  
Thomas J. Houser, Newark  
Jeffrey Scott Hovey, Washington, MI  
Dionne Requel Howard, Mansfield  
Michael Shane Hughes, Kettering  
Amy Lynn Hugus, Worthington  
Stephen Douglas Hume, Worthington  
Mark Daniel Huntsman, Cadiz  
Dawn Marie Irwin, Marysville  
Drexell L. Jackson, Dayton  
Harold L. Jackson, Jr., Lima  
Daniel Charles Janki, Chesterland  
Gregory L. Jenkins, Canal Winchester  
Catherine Elisabeth Johnson,  
Mundelein, IL  
Clifton James Jones, Columbus  
John Michael Jones, Cairo  
Jay Jordan, Columbus  
Michael Francis Junevewicz, Columbus  
Kris Ann Kane, Strongsville  
Janice Marie Kaufman, Jeromesville  
Yogesh Kavita, Columbus  
David Mark Kelley, Ann Arbor, MI  
Fahima Khamis, Johor, Malaysia  
Scott Alan Kiefer, Shelby  
Tina Louise Kielmeyer, Pataskala  
Kristen Bethel King, Jackson  
Robert Michael Kissler, Columbus  
Paul Henry Klein, Dublin  
Meg Kleinschmidt, Sandusky  
Dennis J. Kleman, Columbus Grove  
Gretchen L. Kluve, Mentor  
Perry Scott Knight, Mansfield  
Kathleen Marie Kocian, Brinkhaven  
Kymberly Lynn Koett, Atlanta, GA  
Lynn Marie Kolencik, Wickliffe  
Michael Frank Kozma, Massillon  
David Joseph Kuhr, Cincinnati  
Paul Joseph Labate, Fairview Park  
Tina Lam, Canton  
Gary L. Lambert, Bellefontaine  
Sheila Marie Lambrecht, Wausau, WI  
Joseph Scott Lathey, Columbus  
Tiong Seet Lau, Singapore, Singapore  
Jeffrey N. Leary, Fairfield  
Davis P. Ledford, Cincinnati  
R. Michael Lewis, Kenova, WV  
Hsueh Shiuua Bruce Liao, Honolulu, HI  
Matthew Joe Lieser, Columbus  
Karen Ying-Hsiu Liu, Columbus  
Tod Charles Lombardo, Reynoldsburg  
Stephen Sherwood Luicart, St. Clairsville  
Wendy Y. Ma, Taipei, Taiwan, R.O.C.  
Lisa Cristine Maksour, Dublin  
Kenneth R. Malinowski, Madison  
Cynthia Leigh Manring, Westerville  
Whitney Kara Mantonya, Newark  
Christopher Eric Martin, Galloway  
Raymond A. Mastriani, Columbus  
Jason R. Mattem, Wintersville  
Michael J. Maureri, Mentor  
Francis Dan McCardle, Jr., Martins Ferry  
Douglas Vincent McCullough, Blacklick  
Matthew A. McEwen, Berea  
Lisa Lynn Meddles, Marion  
Paul Eugene Melnyk, Parma

Laura Lynn Menges, Findlay  
Mary Katharine Mentser, Gahanna  
Michael E. Mickunas, Akron  
Kenneth J. Middleton, Xenia  
Julie Lynn Miller, Newark  
Kathryn Ann Miller, Kettering  
Daniel Joseph Miron, Wadsworth  
Jeffrey W. Moats, Circleville  
Chad Christopher Morrison, Lima  
Deborah Ann Morrison, Westerville  
Gary Allan Mott, Braceville  
Joseph Jay Murphy, Seven Hills  
Gary Lee Muzechuk, Centerville  
David Aaron Nadolny, Lima  
Jennifer Louise Nelson, Granville  
Nancy Ann Nesselroad, McConnesville  
Deana Marie Nethers, Newark  
Nicholas Constantine Nicolacakis,  
Cuyahoga Falls  
Ulf Anders Nilsson, Hilliard  
Steven Roy Noble, Martins Ferry  
Bridget Beth O'Reilly, Columbus  
Gregory Michael Odenweller, Delphos  
Lynne Renée Oldsen, Worthington  
Lora R. Parker, Vandalia  
Randall Jay Parker, Loudonville  
Valerie J. Parnell, Beaver Creek  
Tammy Lynn Parsons, Reynoldsburg  
Christopher Todd Peele, Worthington  
Angela Ann Peji, Conneaut  
Mark Anthony Pelini, Youngstown  
Amy Elizabeth Penick, Dublin  
Amy Irene Penn, Dublin  
Tammy Lynn Perkins, Mansfield  
Brent Lee Phillips, Marion  
Daniel Thomas Phillips, Vermilion  
Dennis Lee Piatt, Dayton  
Michael Edward Pitt, Columbus  
Amanda LeNay Pitts, Marion  
Larry E. Plotnick, Worthington  
Robert Patrick Poling, Delphos  
William David Porter, Columbus  
Kelly Ann Powali, Highland Heights  
John Philip Probst III, Marion  
Beverly Jean Rackett, Lebanon  
James Joseph Rak, New Albany  
Beverly Michele Randell,  
Hacienda Heights, CA  
Tracie Marie Rector, Columbus  
Michelle Renee Redman, Dublin  
George Charles Reichert, Columbus  
William R. Remias, Jr., Batavia  
James Martin Rice, Marion  
J. Taliesin Richards, Cincinnati  
Michael Ward Riebel, Worthington  
Lisa Marie Rietschlin, Crestline  
Frank Michael Rivelle II, Wellsville  
Kimberly Ann Rizzi, Salem  
Christopher Garbig Robeson, Oxford  
Tia Ann Rochford, Akron  
Donald F. Rodenbaugh, Youngstown  
David Wayne Romanowski, Carroll  
Bradley M. Root, Berea  
Todd Paul Ryan, Lima  
Nicole Marie Sanchez, Pickerington  
Charles Thomas Schiavello, Jr., Poland  
Joseph Leo Schmidt, Galloway  
Todd Allen Schroeder, Columbus Grove  
Richard Franz Schulte, Jr., Boca Raton, FL

Lynda Marie Schwieterman, Coldwater  
Gary Adam Schwindt, Columbus  
Melinda Sara Secrest, Thornville  
Christopher L. Seeling, Westerville  
Jay A. Semke, Cambridge  
Stephen L. Sharp, Columbus  
Rizwan Amin Sheikh, Lahore, Pakistan  
Timothy Craig Shook, Columbus  
Stephanie Sue Simmons, Norton  
Michelle Marie Simunic, Youngstown  
Scott M. Singer, Cleveland  
Simone Alysa Singer, Dayton  
Jeffrey S. Skelley, Springfield  
Brian Paul Skinner, Steubenville  
Elizabeth Jill Sladoje, Westerville  
Brian Marshall Smith, Columbus  
Christopher Howard Smith, Pickerington  
David Ryan Smith, Canfield  
Randall Lee Spaulding, Marion  
Scott Robert St. John, Mineral Ridge  
Amy Michelle Stallsmith, Urbana  
Donna Lyne Starcher, Cortland  
Amy A. Steberl, Mechanicsburg  
Brian David Steele, Springfield  
Yolanda Yvette Sterling, Dayton  
Michael C. Stevens, Columbus  
Mark Allan Stewart, Pickerington  
Jeanne Ellen Stoessel, Worthington  
Cedric Lamar Stone, Cincinnati  
Arthur Michael Strackhouse,  
Pittsburgh, PA  
David Lawrence Straub, Westerville  
George Albert Stumm, Mullica Hill, NJ  
Sri Lestari Suganda, Bandung, Indonesia  
Robert Ned Susi II, Worthington  
Sharon Sue Sutherland,  
Washington Court House  
Daniel Richard Sutherly, Troy  
David Alan Tabler, Columbus Grove  
Devaraj Thirupathi, Canton  
Andrew Louis Thomas, Columbus  
Kevin R. Thomas, Columbus  
Teresa Apple Torris, Columbus  
Mark Allan Tremains, Bellefontaine  
Doreen Jo Trevis, Struthers  
Judi Szymczak Troutman, Bexley  
Todd James Truby, Cuyahoga Falls  
Kelly Lynn True, Warren  
Cheryl S. Tumulty, Worthington  
Shawn David Turnbull, Grove City  
Deborah Sue Uhlenhake, Newark  
Cynthia Lynn Uslick, Canton  
Lisa Kristine Varney, Westerville  
Cecilia Marie Varrasso, Newark  
James Michael Vassar, Jr., Toledo  
Mark G. Volkman, Loveland  
Maria Voulgaris, Dayton  
Kristen Marie Wachaus, Mentor  
William Leo Wagenbrenner, Columbus  
Harold Donn Wagner, Groveport  
Yuen Ling Diana Wai, Kowloon,  
Hong Kong  
Tina Kay Waters,  
Washington Court House  
Wendy D. Wedge, Lima  
Lee Warren Westfall, Newcomerstown  
Scott Gregory Whaley, Columbus  
Brian L. Wheeler, Hilliard  
Patricia J. Whiteacre, Lima

Leslie K. Whiteside, Cleveland  
Cheryl Lynn E. Wiegand,  
West Seneca, NY  
Marissa Lynn Wilk, Brunswick  
Brad J. Williams, Kettering  
Joseph Rockne Wilson, Jr., Wintersville  
Tracy Colette Wilson, Newark  
William Lee Wirth, Parma  
Wendy M. Wiseman, Cincinnati  
Melvin Eugene Woodberry, Mansfield  
James Anthony Wynne, Mansfield  
Mark Shigeru Yamamoto, Gahanna  
Carrie Darlene Young, Reynoldsburg  
Michael William Zarlenga, Independence  
Mark Thomas Zeigler, Lima  
David Anthony Zito, Strongsville  
Carolyn Marie Zullo, North Olmsted

## College of Dentistry

Dean: William R. Wallace

### Doctor of Dental Surgery

Julie Marie Haley, Bellville  
Cert.Grad.Dent.Hyg., B.S.Ed.

Christopher D. Nguyen,  
Spring Valley, CA

Randall Brent Smith, San Diego, CA

### Bachelor of Science in Dental Hygiene

Leigh Anne Bennett, Norton  
James David Pangborn, Circleville

## College of Education

Dean: Donald P. Anderson

### Bachelor of Science in Education

Rae Elaine Abbott, Columbus  
Mitzi Lynn Anderson, Clarksburg  
Regina Ann Ankrom, Columbus  
Sandy Blair Baker, West Mansfield  
Monica Louise Beck, Westerville  
Tracey Lynn Bigler, Sycamore  
Lisa Ann Blum, Pittsburgh, PA  
Charlyn Bouvier, Lexington  
Patricia Brewster, Mansfield  
Diane Marie Brown, Baltimore  
Julie Ann Brown, New London  
Caren Sue Carson, Shelby  
Okja Chung, Fairborn  
Kirsten Faith Chupick, Reynoldsburg  
Theresa Marie Clabaugh, Shelby  
Melissa Gail Conn, Mansfield  
Mary Sue Cowans, Columbus  
Leanna Marie Criner, Hilliard  
Teresa Helen Cruikshank, Thurston

Maritza Cruz, Columbus  
Dana Michele Dalanno, Columbus  
Jessica Rose Davis, Columbus  
Lisa Dawn Dickerson, South Point  
Karen Marlene Dietz, Dublin  
Patricia Maria Dietz, South Euclid  
Christopher Neal Dinan, Zanesville  
Douglas Joseph Dinan, Nashport  
Kristina Lynn Drake, Columbus  
Carrie Kay Ebert, Mansfield  
Burton S. Feldman, Columbus  
Sheila Elizabeth Ferguson, Cincinnati  
Teresa Sue Fruth, Ashland  
Teresa Marie Gardner, Columbus  
M. Catherine Gorman, Cincinnati  
Kathryn Clare Grimm, Columbus  
Wendy Spurrier Gruenbaum, Gahanna  
Cheryl Louise Halley, Dublin  
Lisa Lynn Hastings, Columbus  
Roger Allen Heisler, Ney  
Bradly Lynn Himmeger, Zanesville  
Daniel Raymond Hirneise, Columbus  
Vicki Lynn Holtsberry, Harrod  
Karen Sue Hord-Miller, Marion  
Tammy Hrelec, Campbell  
Amy Jeanne Huston, Tipp City  
Pamula Sue Keaser, Newark  
Sherri Lynn Keener, Greenwich  
Connie Sue Kern, Mt. Sterling  
Michael Robert Kerstetter, West Salem  
Amy Ann Ketcham, Lima  
Tracy Sue Kirkpatrick, Lima  
Jody Ann Kisseberth, Findlay  
Mark Alan Koch, Brookfield  
Cindy Sue Koons, Loudonville  
Natalie A. Kramer-Baker, Fort Recovery  
Peggy Lindsey Lantry, Worthington  
Kathryn Louise Laser, Mansfield  
Joey Ray Lewis, Hamilton  
Eileen Marie Liszkay, Columbus  
Linda Jeanne Little, Columbus  
Laura Kathryn Maczuzak, Mentor  
Cathy Lynn Main, Upper Sandusky  
Melissa Jo Marks, Beachwood  
Linda Kinney Martin, Mansfield  
Rosemary Ann Martin, Pickerington  
Wendy Minna McDaniel, Beavercreek  
Carolyn Kay McKown, Plymouth  
Phillip Andrew McNamara, London  
Kathryn Joyce Meranda, Waverly  
Lesley Jennifer Miltner, Conneaut  
Michele Ann Moon, Maple Heights  
Vanessa Lynn Moore, Mt. Vernon  
Kevin Patrick Munnings, Euclid  
Nancy L. Musick, Canal Winchester  
Anita L. Musser, Indianapolis  
Alaina Renee Myers, Lima  
Minerva Kaye Neal, Lima  
Bernadette Josephine Nichol, Mansfield  
Jon Brooks Osborne, McConnelsville  
Douglas Brent Owens, Columbus  
Donald Alan Paltani, South Euclid  
Matthew James Pauff, Lima  
Roger Charles Rabold, Dublin  
Christopher Delfin Riego de Dios,  
Norfolk, VA  
Gregory William Rogers, Columbus  
Charles David Roth, Jr., Lancaster

Stacey Louise Santos, Worthington  
Angelia Denise Schmidt, Lewisburg  
Donna Lynn Schmitmeyer, New Bremen  
Christa Elizabeth Schnieders, Mansfield  
David Charles Shuchat, Sidney  
Wesley William Siegenthaler III,  
Uniontown  
Gayle Scott Skidmore, Worthington  
Mark William Smaltz, Youngstown  
Kara Lynn Smith, Hilliard  
Keith Allen Smith, Beaver  
Linda K. Southby, Lexington  
Ronald David Speaks, Worthington  
Charles Michael Steele, Gahanna  
Shannon Lee Steen, Fremont  
Jill Mayre Swanson, West Chester  
Gilda Stella Tanner, Bexley  
Tina Renee Thomas, Columbus  
Rebecca Jo Thompson, Gahanna  
Shelley Ann Trace, Hartsville  
Nicholas Michael Tsironis,  
University Heights  
Paul David Ulrich, Marysville  
Dustin Heath Valley, Columbus  
Laura Mary Varcette, Ashtabula  
Hellen Margaret Verity, Cardington  
Kara Marie Warren, Grove City  
Michael Gary Weithman, Galion  
Susan Whitney Young, Columbus

**Bachelor of Art Education and Bachelor of Music Education degrees are offered jointly by the College of the Arts and the College of Education. Candidates are listed under the College of the Arts.**

## College of Engineering

Acting Dean: Robert F. Redmond

### Bachelor of Science in Aeronautical and Astronautical Engineering

Robert David Ammon II, West Chester  
Paul Anthony Baldwin, St. Louis, MO  
Geoffrey David Duda, Columbus  
Michael John Harman, Bay Village  
Andrew Louis Langenbahn, Cincinnati  
Theresa Marie Mero, Phoenix, NY  
Daniel Alan Popovich, Youngstown  
Ronald Mark Rudolph, Shelby  
Douglas Kenton Sage, Bay Village  
Michelle Ann Strosky, Westerville  
Thomas Edward Swackhammer,  
Reynoldsburg

### Bachelor of Science in Agricultural Engineering

Duane A. Albin, Cambridge  
Andrew Adam Doklovic, Mansfield  
Matthew Todd Smith, Bowling Green  
Frank Douglas Voss, Waverly

### **Bachelor of Science in Aviation**

Erik Lloyd Christensen,  
Campbellsport, WI  
Andrea Michelle Connolly, Springfield  
Martin Jay Himes, Columbus  
Rebecca Lynn Szewczyk, Columbus  
Matthew Alexander Tallarico,  
Pittsburgh, PA  
Stephen Richard Ulmann, Perry

### **Bachelor of Science in Ceramic Engineering**

James Alan Carr, Rockford, IL  
Howard Todd Clevenger, Plain City  
Michael David Harris, Paulding  
Jennifer Pekol, Kirtland  
Michael Henry Zimmerman, Strongsville

### **Bachelor of Science in Chemical Engineering**

Karl John Borsody, Cleveland  
Kevin Patrick Fenton, Fairfield  
Minh-Tuyet Thi Tran, Columbus

### **Bachelor of Science in Civil Engineering**

Dorothy Ann Adams, Akron  
Noel Almeria Alcala, Columbus  
Thomas Karl Birnbrich, Galloway  
Tony Colagiovanni, Kirtland  
David W. Dacar, Columbus  
Todd Allan Fergus, Clayton  
Paul Wayne Hannah, New Vienna  
Jennifer Kay Hardenbrook, Covington  
Joseph Charles Hatton, Tipp City  
Daniel Keith Jagers, Columbus  
Scott Robert Lee, Rossford  
Daniel Gattner Linzell, Columbus  
Jonathan Ben Morgan, Middletown  
Patrick Seamus Mulligan, Utica  
Eduardo Noriega, Argentina  
Roger Lee Oberweiser, Coshocton  
Michael Irl Owings, Columbus  
Joel David Sage, Bay Village  
Robert Joseph Wallace, Cuyahoga Heights

### **Bachelor of Science in Computer and Information Science**

John Charles Billerman, Findlay  
Michael John Black, Newark  
Aaron Boonshoft, Dayton  
Ziyu Chen, Hangzhou, Zhejiang, China  
Alan Wayne Clark, Columbus  
Vernon Sean Conley, Columbus  
William James Curry, Lima  
Brian Michael Dunham, Pataskala  
Christopher Charles Ecker, Cleveland  
Terry Lee Eichman, Bexley  
Robert Harrison Hastler, Gahanna

Rehman Jafri, Lancaster  
David Colin Keith, Cincinnati  
Chen-Hui Jenny Lin, Taiwan, R.O.C.  
Anant Behari Mathur, Warren  
Manuel Vicente Montalvo,  
Quito, Ecuador  
Minh Quang Nguyen, Powell  
Paresh Kanti Patel, Eastlake  
Shiu Fun Poon, Hong Kong  
Saideh Rasoulani, Columbus  
Dennis Terry Rutherford, Okinawa, Japan  
Adele Lorraine Sabol, Reynoldsburg  
Randy Lee Tice, Canton  
Hon Ching Yip, Hong Kong

### **Electrical Engineer**

Kenneth Sharpe, Columbus

### **Bachelor of Science in Electrical Engineering**

Chris Allen Armbruster, Chesterland  
Alexander Beltram, Columbus  
Brian George Cartier, Cincinnati  
Todd Andrew Dillon, Cincinnati  
Thanh Trung Doan, Columbus  
Christina Alice Earnhardt, Toledo  
Sergio Luciano Frabotta, Parma  
Derek Ulrich Gerlach, Columbus  
Galen G. P. Gillett, Jr., Chesterland  
James Richard Gornall, Elyria  
Raymond Harold Haas, Olmsted Falls  
Kevin Ellsworth Hall, Canal Winchester  
Mohammad Ebrahim Jorat, Columbus  
Thomas Jefferson Kaminski, Austintown  
Nael Ibrahim Khalaf, Amman, Jordan  
William C. Koehler, Oxford  
Neeraj Kumar Lal, Worthington  
Thomas Patrick Lavelle, Warren  
Yang Suck Lee, Kwangju, Korea  
Eric John Louys, Pickerington  
Brian David McMillin, Willoughby Hills  
Mark Alan Novak, Cleveland  
William Michael Peloso, Strongsville  
Scott Frank Ray, Safety Harbor, FL  
Ronald Francis Rosati, Tallmadge  
Mazda Salmanian, Tehran, Iran  
David Benjamin Shuler, Cincinnati  
Rand Donald Smith, North Olmsted  
Pang Chai Tan, Labis, Johor  
Debra Ann Valentine, Canton  
David Joseph Wiggenhorn,  
Huber Heights

### **Bachelor of Science in Engineering Physics**

Michael Christian Dobelbower, Toledo  
Kevin Ryan Herminghuysen, Van Wert  
Paul David Nunley, Charleston, WV  
Lance Douglas Rhodes, Reynoldsburg  
Gregory Nicholas Simopoulos, Dayton

### **Bachelor of Science in Industrial and Systems Engineering**

Tuan Anh Cao, Reynoldsburg  
Duane Leslie Herring, Massillon  
Eric David Link, Huber Heights

### **Bachelor of Science in Mechanical Engineering**

Robert Hubbard Bahney III, Put-in-Bay  
Robert Fredrick Brandt, Hamler  
Mark William Bryson, Lakewood  
Douglas Michael Collins, Somerset  
Peter Carl DeMuth, Gates Mills  
Douglas Eugene Detterman, Willard  
George Richard Durisek, Jr., Westlake  
Steven Michael Ferguson, Chesterland  
Grant Wayne Gerber, Mansfield  
James Douglas Harvey, Warren  
Steven Paul Krizan, Chagrin Falls  
John Joseph Lackner, Brunswick  
Beth Ann Lee, Toledo  
Glenn Lefever-Button, Columbus  
Anson Ying Pang, Rocky River  
Gregory Drew Riter, Youngstown  
David John Schaefer, Fairview Park  
Kenneth Edward Schnipke, Wooster  
Jane McFee Sheetz, Bowling Green  
Kraig Steven Shipley, Ravenna  
Bruce Joseph Vereecken, Akron

### **School of Architecture**

#### **Bachelor of Science in Architecture**

Fidelis Odimara Anaraodo,  
Owerri, Imo State, Nigeria  
Barry Douglas Blodgett, Lima  
Jonathon Bradley Collin, Bexley  
Nikolina Georgievskia, Columbus  
Christopher E. Greenwalt, Strongsville  
John Hamlett, Columbus  
Huw Meyrick, Columbus  
Thomas Edward Schlensker, Hamilton  
Khaled Jamil Shammout, Jordan  
James Stephen Srncac, Granville  
Joan Celia Wagner, Celina

#### **Bachelor of Science in Landscape Architecture**

Andrew David Borden, Reynoldsburg  
Molly Marie Flaunt, Granville  
Joel Richard John, Maumee  
David Michael Kuchenbuch, Cincinnati  
Joseph Edmund Looby, North Canton  
Robert John Wadkowski, Bexley

## College of Human Ecology

Dean: Lena Bailey

### Bachelor of Science in Human Ecology

Amanda Jean Amos, Scio  
Pamela Lynn Bailik, Cincinnati  
Julia Anne Balawajder, Columbus  
Malynda Sue Booth, Coshocton  
Michelle Brown, Caledonia  
Jennifer Elizabeth Carrier, Galion  
Debra Jane Chakeres, Gahanna  
Francine Renee Clar, Canton  
Jill Renee Clinger, Forest  
Amy Cox, Greenville  
Michelle Marie Crompton, Dayton  
Marnelle Curtis, Columbus  
Wendy Christine Dearth, Columbus  
Jo Hannah DeHart, West Chester  
Kylie Elaine Dietz, Columbus  
Jennifer Priya Diol, Worthington  
Sharon Hope Dorsey, Cincinnati  
Curtis Keith Drummond, Columbus  
Elizabeth Helen Eichwald, Lakewood  
Shannon Elizabeth Fey, West Chester  
Jenny Ann Gerber, Mansfield  
Jennifer E. Gross, Pepper Pike  
Stacy Halpern, South Euclid  
Christine Frances Heider, Galion  
Tammy Ann Henderson, Jackson  
Rebecca Sue Hyatt, Columbus  
Elizabeth Alma Jonas, Columbus  
Michele Zella Katz, Columbus  
Jill Maureen Kennedy, Worthington  
Terri Jane Kinney, Westerville  
Sheila Gay Kitchen, Groveport  
Kimberly Hayden Kraig, North Olmsted  
Lizabeth Elaine Lafferty, West Union  
Carol Irene Leite, Toledo  
Carrie Ann Mangiola, Tiffin  
Marlene Christiene Manser,  
North Canton  
Keith Ronald Marius, Madison  
Jacqueline Sue Mathers, New Concord  
James Scott Maxey, Portsmouth  
Susan McManus, Cincinnati  
Michele Marie Miller, Strongsville  
Cheryl Lynn Moss, Circleville  
Teresa Kimberly Muncer, Canal Fulton  
Lori Jane Newbold, Bloomingdale  
Frances Marie Opritza, Poland  
Margret Louise Pagel, Columbus  
Sharie K. Piatt, Delaware  
Donna Michelle Pollis, Westerville  
Susan Helaine Ranly, Gahanna  
Barbara Lynn Rausch, Galloway  
Cheryl Susan Rickly, Valley City  
Kimberly Jean Rine, Columbus  
Joseph Robert Rotondo, Columbus  
Stephanie Kay Sanders, Columbus  
Lora Beth Schwartz, Pepper Pike  
Ann Marie Slusser, Canton  
Heather Leslie Smith, Madison  
Lori Lynn Smith, Carroll  
Mary Melissa Sparks, Cincinnati  
Katherine Elaine Spriggs, Springfield

Lori Ann Stephens, Cuyahoga Falls  
Nancy Jo Tinsman, Fostoria  
Patricia Ann Toddy, Columbus  
Kathryn Marie Tracy, Grove City  
Denice Rae Valega, North Ridgeville  
Angela Sue Wade, Dublin  
Shannon Michelle Webb, Dublin  
Tonya Marie Whalen, Maumee  
Julie Beth Wikas, Cincinnati  
Lauri Beth Wolf, Glenview, IL

### Bachelor of Science in Hospitality Management

Douglas Cory Acton, Columbus  
Jeffrey Allan Albright, Shadyside  
Kimberly Kay Allison, Thornville  
Diana Baldessari, Kettering  
Robert Virgil Boardman, Toledo  
Cheryl Anne Cipriano, Ravenna  
Thomas James Cleland, Powell  
Lisa Renee Davis, Scio  
Kurt Patterson Furlong, Columbus  
Teresa R. Huck, Marietta  
Robert Edward Larrick, Dublin  
Theresa Marie Ludwig, Pickerington  
Jennifer L. Mizak, Wadsworth  
MaryBeth Paris, Cincinnati  
Marc Samuel Sable, Columbus  
Douglas Scott Seurkamp, Circleville  
Jill Marie Steverson, Kettering  
Ellen Sung, Chillicothe  
Danielle Marie Tripodi, New Philadelphia  
Dina Joan Wald, New York, NY  
Lisa Marie Wilson, Columbus

### Bachelor of Science in Nutrition

Lori Marie Boggs, Minerva  
Rose Marie Perrino, Cincinnati

## College of Law

Dean: Francis X. Beytagh, Jr.

### Juris Doctor

Rhonda J. Foster, Columbus  
B.A. (Ohio Dominican College)

Gil Ben Fried, Palo Alto, CA  
B.S. (California State University-  
Sacramento);  
M.A.

Kandie Layne Liggins, Columbus  
A.B. (Washington University-St. Louis)

Kevin David Mager, Canfield  
B.A. (Youngstown University)

Michelle Ann Marshall, Ashland  
B.S.Bus.Adm. (Ashland College);  
M.A.

Melita Joan Mulligan-Ferry, Westerville  
B.A. (Saint Mary's College, Indiana)

Angela Rene Triplett, Columbus  
B.S. (Bowling Green State University)

Daniel John Veen, Kalamazoo, MI  
B.A. (Calvin College)

E. Roberta Wade, Galion  
B.S.Bus.Adm.

## College of Medicine

Dean: Manuel Tzagournis, M.D.

### Bachelor of Science in Allied Health Professions

Leevator Larkin, Cleveland  
Keith Edward Mullins, Columbus

## College of Nursing

Dean: Carole A. Anderson

### Bachelor of Science in Nursing

Joni Champion, Montpelier  
Jean Ann Geshan, Cincinnati  
Sandra Louise Jacobs, Grove City  
Lisa Lee Kirk, Columbus  
Kathleen Ann Klass, Worthington  
Helena Joanne Meadors, Ashtabula  
Sue Ellen Moore, Columbus  
Bruce Yale Scheer, South Bloomingville  
Joan Marie Weber, Cincinnati  
Kathryn Louise Webner, Ashland

## College of Pharmacy

Dean: John M. Cassidy

### Bachelor of Science in Pharmacy

Tracey Lynne Austin, Portsmouth  
Todd Michael Barnard, Euclid  
Tin-Sue Terrance Fu, Columbus  
Stacey Lynn Gagnon, Barberton  
Leonel Nwagha Igwebuike, Toledo  
Eric Forrest Lawler, Frazeysburg  
Randy Dean Marks, Wellington  
Peggy Diane Rickner, Van Wert  
Jacqueline Kay Sprenger, Amherst  
Michael Sean Sturgill, Portsmouth

## College of Veterinary Medicine

Dean: Ronald A. Wright

### Doctor of Veterinary Medicine

Mary Ann Watson, Tallmadge  
B.S.Agr.

### Graduates with Honors

Criteria for graduating with honors are as follows:

**Summa Cum Laude** designates those graduating in the top 3% of the class.

**Cum Laude** designates those graduating in the top 10% of the class.

**With Distinction** requires successful completion of a Senior Honors Thesis, oral examination, and graduation in the top 25% of the class.

**With Honors in the Liberal Arts** requires successful completion of the Arts and Sciences Honors Contract and graduation in the top 25% of the class.

**With University Honors** designates those graduating with curricular distinction and dedication to high educational goals.

#### Summa Cum Laude with Honors in the Liberal Arts and with Distinction in Molecular Genetics

Susan Michelle Kretshmer

#### Summa Cum Laude with Distinction in Electrical Engineering

Derek Ulrich Gerlach

#### Summa Cum Laude with Honors in the Liberal Arts

Omar Mobin-Uddin

#### Summa Cum Laude

Anne Martha Armstrong  
Lara Kyle Bailey  
Charlyn Bouvier  
Steven Richard Buchheit  
Anthony J. Colburn  
Christina Alice Earnhardt  
Judithann E. Firchow  
William Taylor Fischbein

Lisa Marie Freeman  
Elaine Marie Greenhalge  
Lori Groendyke-Knutti  
Barbara Alice Hegge  
L. Michael Higgins, Jr.  
Kathryn Louise Laser  
Michael Dane Martin  
Kristie Lynn Miller  
Deborah Star Morse  
Stephen Edwards Paris  
Deana Marie Richards  
Gregory William Rogers  
Brian Paul Skinner  
Michael Henry Zimmerman

#### Cum Laude with Distinction in Agricultural Economics and with Distinction in Agricultural Education

David Lester Marrison

#### Cum Laude with Distinction in Civil Engineering

Dorothy Ann Adams

#### Cum Laude with Distinction in Mechanical Engineering

Kraig Steven Shipley

#### Cum Laude with Honors in the Liberal Arts

Margaret F. Gibbons  
Jacqueline Renee Koewler  
Curtis Bruce Littlegreen II  
Carolyn Marie Rehg  
Jennifer Ann Rood

#### Cum Laude with University Honors

William C. Koehler

#### With Distinction in Family Relations and Human Development

Carrie Ann Mangiola

#### With Distinction in Mechanical Engineering

Glenn Lefever-Button

#### With Honors in the Liberal Arts

Lauren Ann Gurosko

#### With University Honors

Angela Ann Peji  
Kenneth Ray Perry  
Donna Lynne Starcher

#### Cum Laude

Jeffrey L. Asher  
Karin Michelle Atkinson  
Eric Paul Atwood  
Sandy Blair Baker  
Jeanne Lee Bartholomew  
Raejean Fairy Bellamy  
Staci Virginia Boord  
Dana Michele Bornstein  
Philip H. Cichanowicz  
Bradley Dean Corbett  
Jessica Rose Davis  
Peter Carl DeMuth  
Douglas Eugene Detterman  
Carie Marie Dodson  
Brian Michael Dunham  
Carrie Kay Ebert  
Tammi Juliana Frost  
James Allen Gillespie  
Susan Renee Graham  
Raymond Harold Haas  
David Eric Hardin  
Krista S. Hart  
Lisa Lynn Hastings  
Lynn Michelle Hines  
Mark Douglas Hopkins  
Thomas J. Houser  
Jessica Ruth Hudacek  
Mark Daniel Huntsman  
Daniel Charles Janki  
Patricia Susan Kelly  
Jody Ann Kisseberth  
Robert Michael Kissler  
Kymberly Lynn Koett  
Susan Michele Kutas  
Beth Ann Lah  
R. Michael Lewis  
James Brian Lindsey  
Linda Kinney Martin  
Kelly Ann McCue  
Mary Katharine Mentser  
Brian John Miller  
Belinda Monte de Ramos  
Michael Irl Owings  
Amy Irene Penn  
Eric Michael Plaskonos  
Camille Marie Pyles  
Roger Charles Rabold  
David Wayne Romanowski  
Todd Douglas Ruff  
Janet Elizabeth Rupert  
Tonya Kay Sargel  
Bruce Yale Scheer  
Kenneth Edward Schnipke  
Ronald David Speaks  
Jeanne Ellen Stoessel  
Thomas Boyce Taylor  
Debra Ann Valentine  
Maria Elena Van Meter

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THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND TWO HUNDRED AND SIXTY-EIGHTH MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, December 6, 1990

The Board of Trustees met at its regular monthly meeting on Thursday, December 6, 1990, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

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Minutes of the last meeting were approved.

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December 6, 1990 meeting, Board of Trustees

The Chairperson, Mrs. Bowser, called the meeting of the Board of Trustees to order on December 6, 1990, at 11:55 a.m. She requested the Secretary to call the roll.

Present: Shirley D. Bowser, Chairperson, Hamilton J. Teaford, John J. Barone, Deborah E. Casto, John W. Kessler, Alex Shumate, Theodore S. Celeste, Sophia L. Paige, and David A. Tonnies.

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Mrs. Bowser:

With us today is Steve Maurer, Secretary of Agriculture for the State of Ohio, who attends our Agricultural Affairs Committee meetings. He has agreed to stay over and would like to address the Board. Let me first say, Steve, that we have certainly appreciated your time and attention in attendance at our meetings.

Mr. Steven D. Maurer:

Madam Chairperson, that goes both ways. I have thoroughly enjoyed both the hospitality and the honor that the Board has given me to be an ex-officio member of the Board of Trustees' Agricultural Affairs Committee. This being my parting shot and my last opportunity to propagandize the Board, I did bring with me copies of the Ohio Agricultural Statistics and Ohio Department of Agriculture Annual Report for distribution.

As I was sitting here thinking of what I might say, I looked at the Seal of the University and noted that in the Seal the word "agriculture" lies directly above knowledge. Knowledge being the foundation of what we are about, I would like to remind the Board that agriculture is basic, just above knowledge, and to all else that we are about. Hopefully, we can keep that in mind. I am sure that my successor will be granted the same hospitality that I have been and hope that he or she takes it upon themselves to participate in their capacity as Director of Agriculture for this University.

Mrs. Bowser:

Thank you. You have been a true friend of agriculture. We certainly will miss you and we wish you well.

President Gee:

Thank you, Steve, for your long-term participation and for being with us today.

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#### PRESIDENT'S REPORT

President Gee:

Madam Chair, doing these monthly commentaries for you, and having done them several times, puts me in mind of Garrison Keillor's weekly radio monologues. Only he traditionally begins his essay with the line: "It has been a quiet week in Lake Wobegon, my hometown." Well, we have yet to have a quiet week here at Ohio State, but as I reminded an audience this fall, Ohio State has many things in common with Keillor's slice of midwestern life. This University is a bit like Ralph's

### PRESIDENT'S REPORT (cont'd)

President Gee: (cont'd)

Pretty Good Grocery -- if we don't have it, you probably don't need it. What is it Keillor says? "All the women are strong, all the men are good looking, and all the children are above average." That sounds exactly like Ohio State to me!

Seriously, it has been a busy month since we last met. We have welcomed several distinguished visitors to our campuses. Gertrude Elion, a 1988 Nobel Prize winner in physiology and medicine for her work on chemotherapeutic drugs, spoke at The James Cancer Hospital and Research Institute. She also received the first honorary staff appointment to the Institute.

Jerome Lawrence, one of our most distinguished graduates, was welcomed back to campus. Mr. Lawrence graciously lent his presence to a dinner for the Lawrence and Lee Theatre Research Institute, one of the jewels in Ohio State's collections.

On the occasion of the first anniversary of the dedication of the Wexner Center for the Arts, Mikhail Baryshnikov and the White Oak Dance Project graced the stage of the Mershon Auditorium. Before the dance program, I was honored to participate in the meeting of the Wexner Center Foundation Board and the Wexner Center International Arts Advisory Council. Luminaries in the arts from literally around the world have volunteered their time and talent to assist this University in the enhancement of an outstanding arts program in the College of The Arts and in the Wexner Center.

Thanks to the continued generosity of Trustee Les Wexner, The Ohio State University has announced the creation of the Wexner Prize, an annual award of \$25,000, recognizing an established professional's continuing contributions to the advancement of creative freedom, innovation, and risk-taking in the arts.

We also have announced the Wexner Center Residency Awards, designed to bring outstanding artists to the University to create or complete new works and explore new directions with our faculty and students. These awards and other creative initiatives in the College of The Arts, will enrich the life of this University and enhance the educational experience for our students, faculty, and staff alike. It is this kind of environment that will enable us to attract Ohio's brightest scholars. We hosted a reception for National Merit finalists and their families this month, and our admissions counselors have been busy across the state meeting prospective students.

I visited over a half a dozen high schools this month, and the questions I was asked by students were quite interesting. One young man asked if standardized tests such as the ACT and SAT are overemphasized. Another asked about choosing a major, and always I am asked about financial aid. One question this Board might have been interested in hearing the answer to was asked by a young lady when she inquired: "Just what does a university president do all day?" Another asked what my salary was.

With my visit to the Lima campus, I completed my first tour of our extended facilities across the state. I can assure you that our colleagues in these settings are doing a great deal to advance our mission of teaching, research, and service.

**PRESIDENT'S REPORT (contd)**

President Gee: (contd)

And what is going on today, literally as we speak? Ohio State is hosting the first international zebra mussel research conference, with presenters and participants from around the world looking at this serious problem. Most students are packing up and heading home for the holiday season. An unlucky few are probably sitting in a classroom at this very moment taking that last final exam.

Seniors are getting in a last round of visits with their friends before graduation tomorrow. State Senator Stan Aronoff will be our speaker, and Dick Armitage and Jack Beal will receive Distinguished Service Awards at the ceremony.

For faculty and staff, this next month provides an opportunity to work on research, write, "push some paper," and prepare for Winter Quarter. I created a bit of work for myself -- and others -- with the November issue of my monthly "President's Letter" to all faculty and staff members. You might remember that I called for a reduction in bureaucracy and a more humane and efficient organization in my fall address to the Senate.

Toward that end, this month I asked faculty and staff members to write to me with their suggestions -- and they certainly have!

One faculty member began a lengthy letter with this suggestion:

"Develop a bureaucratic ten commandments.

The first one should be: Thou shalt not say "no" to new projects, ideas, and so forth. The second should be: Thou shalt not let a form sit on thy desk for more than 24 hours."

This person clearly has the right idea. I have received many good suggestions on everything from purchasing procedures to the mail, from travel forms to, yes, even parking. The people out there know what needs to be done!

This is reflected in a so-called "research report" that I received from one faculty member titled: New Element Discovered at The Ohio State University. And as my final comment, just allow me to read it to you if I may. And I quote:

"The heaviest element known to science was recently discovered by physicists at The Ohio State University. The element, tentatively named ADMINISTRATIUM, has no protons or electrons and thus has an atomic number of zero. However, it does have 1 neutron, 126 assistant neutrons, 75 vice neutrons, and 11 assistant vice neutrons. These 213 particles are held together in a nucleus by a force that involves the continuous exchange of particles called morons.

"Since it has no electrons, ADMINISTRATIUM is inert. However, it can be detected chemically as it impedes every reaction it comes in contact with. According to the discoverers, a minute amount of ADMINISTRATIUM caused one reaction to take over four days to complete, when it would normally occur in less than one second. ADMINISTRATIUM, if it is allowed to accumulate, can easily destroy productive reactions."

### PRESIDENT'S REPORT (contd)

President Gee: (contd)

Well, I hope that the future results of our efforts to deal with "ADMINISTRATIUM" and bureaucracy will be more promising than that.

And, finally, Madam Chair, I take this opportunity to wish you, members of the Board, and members of this University family a happy holiday season.

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### RESEARCH FOUNDATION REPORT

Ms. Casto:

The Board of Directors of The Ohio State University Research Foundation met yesterday. The Board was pleased to welcome President Gee to his first OSURF meeting. Dr. Gee briefly commented on his perceptions of the capacity for research at The Ohio State University. He also acknowledged the dedication and sensitivity of OSURF staff to faculty research needs while challenging the organization to continue to evaluate ways that can best assist research programs to grow and prosper in these strained financial times.

The Board received an update on the status of OSURF's move to new quarters. A new computer has been delivered to the building and office systems furniture is currently being installed. The move is scheduled to be completed by mid-February with specific units planning their moves to minimize interference with proposal submissions and project services during the period.

The Board received descriptive reports from two units within OSURF, the Purchasing Department and Editorial and Printing Services. The Purchasing area assists faculty researchers in obtaining specialized equipment, research materials, and supplies needed to carry out their research projects. The Purchasing Department at OSURF exists in an environment that recognizes both the faculty desire for timely and efficient service and the regulatory requirements mandated by the federal sponsoring agencies.

The Research Foundation grants and contracts for the first four months of fiscal year 1990 are shown in the Board agenda book. There are 532 awards listed which provide a gross income of \$47 million. Funding for this quarter is approximately 1 percent below that of the first four months of 1989.

Among the grants and contracts submitted to the Board of Trustees for October are:

-- \$187,000 from the Department of Health and Human Services for a study on farm family health and other farm hazards. Some hazards of farming include the operation of heavy machinery, exposure to pesticides and similar chemicals, and contact with animals and animal wastes.

The investigators will study the health and safety of Ohio farm operators and family members, specifically those participating in cash grain farming, which is one of the most important agricultural activities in the State. The project will emphasize agricultural trauma, pesticide exposure, and occupational stress disorders.

**RESEARCH FOUNDATION REPORT (contd)**

Ms. Casto: (contd)

-- \$125,000 from Apple Computer, Inc., for the development of a classroom of tomorrow. The classroom is a unique computer environment where students have access to "state of the art" computer hardware and software. These classrooms and the research conducted there have become well-known among researchers interested in the potential of computer environments for learning.

This recent award will support faculty work in the form of a research center that will provide a unique opportunity to examine multiple dimensions of a computer classroom, monitoring students from elementary through high school.

That concludes my report, Madam Chair.

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**HOSPITALS BOARD COMMITTEE REPORT**

Mr. Teaford:

Other than the joint meeting with this Board last night, the Hospitals Board has not met since our last meeting. Since we were virtually all there, I will give you no report on that.

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**INVESTMENTS COMMITTEE REPORT**

Mr. Teaford:

The Investments Committee met this morning and reviewed the status of the Endowment Portfolio as presented by Mr. Rodack. As of November 16, the market value of the University Endowment is \$303.4 million, which is up \$7.3 million since last month I am happy to report. And \$5.4 million of that is indeed a recovery in the stock market. An interesting thing to note at this point is that the addition to the endowment so far this year is \$11.7 million, which is about \$1 million above last year, which was a record year.

We also received the Quarterly Cash and Investments Report as of September 30. The total cash and investments of the University had declined from \$667 million to \$620 million. The major reason for the decline from June to September was the decline in the stock market in that period. Some minor reasons were just simply seasonality. Some of those funds are lower at certain times of the year, and the spending of certain borrowed funds.

We also had a brief report on development. As of the end November, contributions to the University were at \$19.1 million, up 60 percent over last year. And \$5.6 million of that is pledges from the campaign just ended, but all of the rest of it is

**INVESTMENTS COMMITTEE REPORT (contd)**

Mr. Teaford: (contd)

indeed new money. Also, the number of donors is up 23 percent and the number of donors exceeds 29,000. And that completes my report, Madam Chairperson.

(See Appendix XXXV for complete context of The Ohio State University Endowment Summary, November 16, 1990, page 671.)

(See Appendix XXXVI for complete context of The Ohio State University Quarterly Cash and Investments Report, page 689.)

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**ACADEMIC AFFAIRS COMMITTEE REPORT**

Mr. Kessler:

The Academic Affairs Committee met this morning and the recommendation to appoint Victor J. Mora as Director of Minority Graduate Students Development and Hispanic Affairs, was discussed extensively in our Committee meeting. Catita Williams and Arturo Presas appeared before the Committee and raised questions regarding Mr. Mora's qualifications for the position and some aspects of the search process. Information presented established that the search process followed all regular University procedures for administrative appointments.

Mr. Mora was in a top group of candidates based on the search committee's recommendation to Vice Provost Russell. In addition, the six candidates interviewed on campus met with other faculty, staff, students, and community leaders. For each of the candidates interviewed, at least a dozen letters of assessment were received by Dr. Russell supplementing the recommendations of the search committee.

On the basis of all the information received, Dr. Russell selected Mr. Mora for the appointment. A majority of the Academic Affairs Committee voted to recommend approval of Mr. Mora's appointment.

We are also recommending the following resolutions:

**PERSONNEL ACTIONS**

Resolution No. 91-66

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the November 2, 1990 meeting of the Board, including the following Appointment, Reappointment of Concurrent Appointment, Reappointment of Chairperson of Department, Professional Improvement Leaves, Professional Improvement Leave--Cancellation, Professional Improvement Leave--Change in Dates, and Emeritus Title, and the Medical Staff Appointments for The Arthur G. James Cancer Hospital and Research Institute as detailed in the University Budget be approved.

**PERSONNEL ACTIONS (contd)**

Appointment

Name: VICTOR J. MORA  
Title: Director - Minority Graduate Students Development and Hispanic Affairs  
Office: Minority Affairs  
Effective: December 1, 1990  
Salary: \$35,040.00  
Present Position: Acting Director, Office of Minority Affairs

Reappointment of Concurrent Appointment

Name: JOHN O. RIEDL  
Title: Coordinating Dean for Regional Campuses  
Office: Academic Affairs  
Effective Period: July 1, 1990 - June 30, 1992  
Salary: \$92,080.00  
Present Position: Dean/Director, Mansfield Campus and Coordinating Dean for Regional Campuses

Reappointment of Chairperson of Department

October 1, 1990 through June 30, 1994

Chemistry

Russell M. Pitzer

Professional Improvement Leaves

MICHAEL D. DAVIS, Professor, School of Music, effective Winter Quarter and Spring Quarter 1992.

WARREN A. DICK, Professor, Department of Agronomy, effective September 1, 1991, through August 31, 1992.

TIMOTHY E. GREGORY, Professor, Department of History, effective Autumn Quarter 1991, Winter Quarter and Spring Quarter 1992.

JOSEPH HAVLICEK, JR., Professor, Department of Agricultural Economics and Rural Sociology, effective July 1, 1991, through June 30, 1992.

SUSAN L. HUNTINGTON, Professor, Department of History of Art, effective Autumn Quarter 1991, Winter Quarter and Spring Quarter 1992.

DAVID R. LAMB, Professor, School of Health, Physical Education, and Recreation, effective Spring Quarter and Autumn Quarter 1991.

MARGARITA M. LEVISI, Professor, Department of Spanish and Portuguese, effective Autumn Quarter 1991 and Winter Quarter 1992.

ERNEST H. LOCKRIDGE, Professor, Department of English, effective Autumn Quarter 1991, Winter Quarter and Spring Quarter 1992.

ROSEMARY D. PLATT, Professor, School of Music, effective Autumn Quarter 1991, Winter Quarter and Spring Quarter 1992.

**PERSONNEL ACTIONS (contd)**

Professional Improvement Leaves (contd)

FRANK T. COULSON, Associate Professor, Department of Classics, effective Autumn Quarter 1991, Winter Quarter and Spring Quarter 1992.

FRANKLIN H. PROANO, Associate Professor, Division of Comparative Studies in the Humanities (Marion Campus), effective Autumn Quarter 1991, Winter Quarter and Spring Quarter 1992.

ANELYA E. RUGALEVA, Associate Professor, Department of Slavic and East European Languages and Literatures, effective Autumn Quarter 1991, Winter Quarter and Spring Quarter 1992.

MARSHA J. HAMILTON, Assistant Professor, University Libraries, effective July 1, 1991, through June 30, 1992.

Professional Improvement Leave--Cancellation

MICHAEL J. KINDRED, Professor, College of Law, effective Spring Semester 1991.

Professional Improvement Leave--Change in Dates

JOHN J. LIMA, Associate Professor, College of Pharmacy--Division of Pharmacy Practice, change leave from November 1, 1990, through May 31, 1991, to December 1, 1990, through June 30, 1991.

Emeritus Title

JOHN E. KING, College of Optometry, with the title Associate Professor and Assistant Dean Emeritus, effective December 1, 1990.

Medical Staff--Appointments (The Arthur G. James Cancer Hospital and Research Institute)

BLUMENFELD, MICHAEL, M.D., Associate Attending Staff, Department of OB/GYN

BULLOCK, THOMAS R., M.D., Associate Attending Staff, Department of Preventive Medicine

CALDWELL, JAMES H., M.D., Associate Attending Staff, Department of Internal Medicine--Division of Gastroenterology

DAYTON, MARK A., M.D., Attending Staff, Department of Internal Medicine--Division of Hematology/Oncology

FREEDY, LUCY R., M.D., Associate Attending Staff, Department of Radiology

GABBE, STEVEN G., M.D., Associate Attending Staff, Department of OB/GYN

GOLDBERG, JEFFREY M., M.D., Associate Attending Staff, Department of OB/GYN

GRAY, LINDA S., M.D., Associate Attending Staff, Department of Internal Medicine--Division of Rheumatology

HEGTVEDT, ARDEN K., D.D.S., Associate Attending Staff, College of Dentistry

**PERSONNEL ACTIONS (contd)**

Medical Staff--Appointments (The Arthur G. James Cancer Hospital and Research Institute)  
(contd)

HUDSON, NORMAN P., M.D., Associate Attending Staff, Department of Internal Medicine--  
Division of Rheumatology

JOPLING, MICHAEL W., M.D., Associate Attending Staff, Anesthesiology

KUEBLER, JOHN P., M.D., Clinical Attending Staff, Department of Internal Medicine--Division of  
Hematology/Oncology

LETSON, ALAN D., M.D., Clinical Attending Staff, Department of Ophthalmology

LOMBARDO, JOHN A., M.D., Associate Attending Staff, Department of Family Medicine

PAGE, HENRY L., JR., D.D.S., Associate Attending Staff, College of Dentistry

PFEIL, SHERYL A., M.D., Associate Attending Staff, Department of Internal Medicine--Division of  
Gastroenterology

RACEY, GARY L., D.D.S., Clinical Attending Staff, College of Dentistry

RAO, M. BHASKAR, M.D., Associate Attending Staff, Department of Internal Medicine--Division  
of Endocrinology

SICKLE-SANTANELLO, BRENDA J., M.D., Clinical Attending Staff, Department of Surgery,  
Division of Surgical Oncology

TETERIS, NICHOLAS, M.D., Associate Attending Staff, Department of OB/GYN

VAUGHN, BRADLEY K., M.D., Clinical Attending Staff, Department of Surgery--Division of  
Orthopedics

VENESY, DEBORAH A., M.D., Associate Attending Staff, Department of Physical Medicine

WHISLER, RONALD L., M.D., Associate Attending Staff, Department of Internal Medicine--  
Division of Rheumatology

YATES, ALLAN J., M.D., Associate Attending Staff, Department of Pathology

Upon motion of Mr. Kessler, seconded by Mr. Teaford, the Board of Trustees adopted the  
foregoing resolution by unanimous roll call vote.

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**RESOLUTIONS IN MEMORIAM**

Resolution No. 91-67

Synopsis: The Academic Affairs Committee recommended the approval of Resolutions in  
Memoriam for Ruth M. Beard, John Gersten, Milton W. Overholt, and Gilbert W. Woodburn.

**RESOLUTIONS IN MEMORIAM (contd)**

RESOLVED, That the Board adopt the following Resolutions in Memoriam and that the President be requested to convey a copy to the families of the deceased.

**Ruth Mildred Beard**

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on October 15, 1990, of Ruth M. Beard, Professor Emeritus in the Department of Family Resource Management.

Ms. Beard was born in Columbus, Ohio, on September 20, 1909. She received her B.S. in Home Economics Education in 1931 from The Ohio State University, and her M.S. in Home Management and Household Equipment in 1933 also from The Ohio State University.

Ms. Beard was associated with the University as a Graduate Assistant beginning in 1931 in the Household Equipment Division with the School of Home Economics. She subsequently held an Instructor position in the Household Equipment Division, and then Assistant Professor, Household Management Specialist with the Ohio Agricultural Extension Service from 1941 to 1946. Ms. Beard was an Assistant Professor from 1946 to 1955, when she was promoted to Associate Professor. Ms. Beard also served as Acting Chairperson of the Household Equipment Division from 1954 to 1955, and chairperson from 1955 to 1959. She again served as Acting Chairperson from 1960 to 1962.

Ms. Beard was considered one of the best teachers by both undergraduate and graduate students. She was chosen "Professor of the Year" by students in the School of Home Economics, Spring 1954. She was an honorary member of Omicron Nu, 1949, a national home economic honorary and in 1960 and honorary member of Phi Upsilon Omicron. In 1968 Ms. Beard was chosen an honorary member of Chimes, a Jr. Women's Honorary, and she was also a member of Alpha Gamma Delta Sorority.

Dr. Dorothy D. Scott, former director of the School of Home Economics stated in regards to Ms. Beard, "A dedicated teacher who has devoted her entire professional life to Ohio State University -- very resourceful and imaginative. Devoted to extension and adult education and contributes much in these areas." The College of Human Ecology pays tribute to Ms. Beard's many contributions to teaching and the College and University.

On behalf of the University community, the Board of Trustees expresses to the family of Professor Beard its deepest sympathy. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's realization of the loss that the family, the University, and her many friends and associates have sustained.

**John Gersten**

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on August 25, 1990, of John Gersten, M.D., Associate Professor Emeritus in the Department of Cell Biology, Neurobiology and Anatomy in the College of Medicine.

**RESOLUTIONS IN MEMORIAM (contd)**

**John Gersten (contd)**

Dr. John Gersten, a native of New York City, was born on June 25, 1904 and reared in Philadelphia, Pennsylvania. He graduated in 1926 from the University of Pennsylvania with an A.B., but could not continue on to medical school because of lack of funds. Determined to continue his education, he enrolled in the graduate school at The Ohio State University: after one quarter he was hired by Dr. Landacre, the chairman of the Department of Anatomy, College of Medicine, to assist in the teaching of human anatomy. This was the beginning of a lasting love John had for teaching. This job enabled him to enroll in the College of Medicine at The Ohio State University in 1929. In order to help pay his way through medical school, he continued to teach human anatomy, preparation of which required him to take summer courses at the University of Michigan. He graduated in December 1933 with an M.D. from The Ohio State University's College of Medicine.

Dr. Gersten served his internship in California at Stanford and at San Francisco County Hospitals. Upon completion of his Internship, he moved to Toledo, Ohio. From 1935-1949, Dr. Gersten had one of the largest general practices in Toledo. His love of teaching, however, pulled him back to Ohio State where he taught human anatomy, once again, in the College of Medicine. He was made an assistant professor in 1950.

His boundless energy called him into a residency which he completed in 1955 and he obtained board certification in otolaryngology. In 1961 he was promoted to associate professor. He retired in 1965 as associate professor emeritus.

In May 1962, Dr. Gersten went to Vienna, Austria, to study surgical procedures on the middle ear and while there was given the honorary position of vice president of the American Medical Society of Vienna. Besides a life membership in this organization, he also held memberships in the Academy of Medicine; the Ohio Medical Historical Society; Sigma Xi; the American Academy of Ophthalmology and Otolaryngology; charter member of the American Committee of World Medical Association and Fellow of the Board of Otolaryngology.

He also did research at The Ohio State University and published articles on human anatomy, autoradiography and cancer of the mastoid bone.

Dr. Gersten was loved by his students for his fine teaching, his clever witticisms and his desire to be a good friend of the medical students. His lectures were erudite and lucid. He held that the good student needs little help, but he was ready to help the confused or the slow student. He was a longtime Columbus Physician who was beloved by his patients.

It is always difficult to put down the sum of a man's life in a few words and especially difficult to summarize the life and achievements of John Gersten, as a man, as an anatomist, as a physician and as a friend. He had the great fortune to, live a rich, productive life that matched the sparkle of his personality and the individuality of his character.

On behalf of the University community, the Board of Trustees expresses to the family of Dr. Gersten its deepest sympathy. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's realization of the loss that the family, the University, and his many friends and associates have sustained.

**RESOLUTIONS IN MEMORIAM (contd)**

Milton W. Overholt

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on September 14, 1990, of Milton W. Overholt, Associate Dean of Men Emeritus in the Office of Student Affairs.

Milton Overholt was born December 29, 1917, in Lafayette, Ohio. He graduated from Medina High School, Medina, Ohio, in 1936, and was awarded his B.S. in Education from The Ohio State University in 1941. As an undergraduate, he was elected to the honor societies Kappa Phi Kappa (where he served as vice president), Phi Eta Sigma, and Alpha Phi Omega. Also as a student leader, he served on the College of Education Council and was president of the Men's Physical Education Association.

Mr. Overholt entered the U.S. Navy in September 1941 as Chief Petty Officer and was honorably discharged as a Lieutenant in 1945. From 1943 to 1945, he was the Officer-in-Charge of the Registered Publications Issuing Office, 14th Naval District, Pearl Harbor, Hawaii. He was entitled to wear the American Defense, Pacific Theater, and Victory Decorations.

He returned to the University in 1946 as a graduate assistant and as Director of the Naval Station Dormitory, and was named manager of the River Road housing for veterans. He also served in the Dean of Men's Office with the huge responsibility of providing housing for the thousands of military veterans who enrolled as students. He was named Assistant Dean of Men and Supervisor of Men's Residence Halls in 1954, and was promoted to Associate Dean in 1961. With the creation of the Dean of Students Office in 1969, his responsibilities were broadened to include the administration of all residence halls. Upon his retirement on June 30, 1977, he was named Associate Dean of Men Emeritus in the Division of Student Affairs.

Milton Overholt was a member of the Association of College and University Housing Officers (where he served as chairman of the Nominations and Resolutions Committees), The National Association of Student Personnel Administrators, Big Ten Housing Officers, and the Ohio Association of College Housing Officers. Included among his University committee assignments were the Council on Student Affairs, Scholarship Committee, Employee Relations and Negotiating Committee, Council on Student Housing, the Ohio Union Board, The Ohio State University Student Loan Foundation, Inc., The Ohio State University Golf Course's Greens Committee, and the Faculty Club House Committee in 1968 and 1974.

Mr. Overholt earned the respect and admiration of students, colleagues, and friends and will be remembered for his tireless efforts and professional leadership to enhance the quality of life in The Ohio State University community.

On behalf of the University, the Board of Trustees expresses its sympathy and understanding to the family of Milton W. Overholt. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Gilbert W. Woodburn

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on October 28, 1990, of Gilbert W. Woodburn, Associate Professor Emeritus in the Cooperative Extension Service.

**RESOLUTIONS IN MEMORIAM (contd)**

Gilbert W. Woodburn (contd)

Mr. Woodburn was born May 20, 1925, in Sullivant, Ohio. He served in the U.S. Army from 1943 to 1946. He received his B.S. in Agricultural Education from The Ohio State University in 1950 and began work on his Master's degree in 1951. He became a Vocational Agriculture Instructor and continued in this area of education until 1965.

Mr. Woodburn began his Extension experience in Ohio when he joined the faculty at The Ohio State University in 1965 as a County Extension Agent, 4-H in Greene County. In 1967 he moved to Paulding County as an Agricultural Extension Agent, and later joined the faculty in Marion County in 1974 as Chair and continued in this position until his retirement in 1982. He also attended graduate courses at the Colorado State University and at The Ohio State University.

He was a member of the Ohio County Extension Agent's Association, National County Agricultural Agent's Association, Phi Epsilon Phi, served as chairman of the Citizen's Advisory Committee to the Paulding School Board, County Public Relations Chairman, County Chairman-Agricultural Teachers, District Chairman of Ohio Vocational Agriculture Teacher's Association, Scout Campmaster, past member of the Ohio Educational Association and American Vocational Association. He attended many Extension conferences throughout his association with the Ohio Cooperative Extension Service.

Mr. Woodburn's contributions in providing excellent extension educational programs during his career earned him the respect and admiration of his coworkers and many thousands of Ohio citizens throughout the length and breadth of Marion County.

On behalf of the University community, the Board of Trustees expresses its sympathy and understanding to the family of Mr. Woodburn. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Upon motion of Mr. Kessler, seconded by Mr. Teaford, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**STUDENT AFFAIRS COMMITTEE REPORT**

Ms. Paige:

This morning Dr. James Mager, Director of Admissions made a presentation to the Student Affairs Committee regarding University Undergraduate Student Recruitment. This has become a highly visible topic within the past year because of the declining numbers of high school graduates from most states including Ohio. Leaders within the University community have been working towards the goal of attracting the best qualified students who will have the highest potential for success.

Dr. Mager indicated that the focus of recruitment has been on those students that The Ohio State University can best serve -- namely students who have taken the college preparatory curriculum and who have performed well in that curriculum. Special efforts have also been implemented to attract high ability, minority, and students with special talents in such areas as music, the arts and leadership.

**STUDENT AFFAIRS COMMITTEE REPORT (contd)**

Ms. Paige: (contd)

Recruitment efforts are decentralized with several university offices and departments participating. Some of the major offices include: the Admissions Office, the Office of Minority Affairs, the University Honors Office, the Office of Student Financial Aid, college offices, and the Alumni Association. Recruitment initiatives include: high school visits, direct mail, visitations on campus, telephone campaigns, alumni participation, the admissions video, and publications.

These efforts have been successful in attracting academically prepared freshman classes which include increasing numbers of minority students and otherwise talented students. And I am pleased to say that some of us got copies of the new official Ohio State University video.

Next we heard reports from the student government leaders:

Mr. Mike Clark:

We are addressing the issue of the search for the next student trustee. I believe that in the past, this has been the time for the three governing presidents to bring their recommendations forward and let you know the progress. We feel that to have a better search and a better method of finding more qualified students for this position, we need to extend the deadline for applications to a later date. The three student governments (Undergraduate Student Government, Council of Graduate Students, and Interprofessional Council) are working together on the nomination process for a new student member to the Board of Trustees. We certainly appreciate the opportunity to have student advocates on the Board and believe that the three students who have served us thus far have contributed to a greater understanding and awareness of student issues.

We have already made applications available to students and also to faculty so they can distribute them to students. We will try to follow an application deadline of January 25, 1991; a Screening Committee deadline of February 11, 1991; and have the final Interviewing Committee deadline March 4, 1991. Although this time line may not be in keeping with previous years, we believe that this schedule will allow sufficient time for more qualified students to apply.

We have a brief list of what we feel this may cost. We would like the Board, if possible, to support us in the process of finding students. We feel that we definitely need to advertise more than what has been done in the past. I don't know exactly all of the details from the past years, but we need to increase advertising to attract more qualified students for the position.

Mr. Teaford:

Do you have the money, Russ?

Dr. Spillman:

The Board did provide funds last year with the help of Mr. Scott.

**STUDENT AFFAIRS COMMITTEE REPORT (contd)**

Mr. Teaford:

Scottie said last year that the Board did provide the funds afforded.

Mr. Clark:

We are asking for this Committee to bring the issue to the entire Board when you have your meeting today.

Mr. Tonnie:

How much money was given last year?

Dr. Spillman:

I don't remember off the top of my head. You may recall, those of you who were on the Board last year, that we had the earlier deadline. That original deadline, from my perception, was established when the Legislation first came out and the Governor wanted the names by December 15. That makes it very difficult for students on the quarter system. By the time they are settled in, December is upon us. Last year we had to go beyond that deadline. The Board was concerned about the number of candidates and asked that the students go back and do some additional advertising and get additional candidates, which they did. At that time, I believe, Mr. Scott assisted them. I support this extension because I really don't think trying to have the names by December 15 gives us enough time to advertise and get people involved.

Mr. Shumate:

Mike, as you know, we have been very supportive of this effort. Just out of curiosity though, it says \$300 for copies of applications, what does that --

Mr. Clark:

These are actual copies of the applications -- three pages each. We try to distribute those to the different colleges, professional students, graduate students, and undergraduate students. We also try and make copies available at each college office. We distribute them to faculty members so they can take them to students that they know; to different student organizations; fraternities, sororities, and honoraries.

Mr. Shumate:

The Lantern won't give you a discount?

Mr. Clark:

No.

Ms. Burton:

They told us that the \$214.00 price was the discount. That was \$4.00 less.

**STUDENT AFFAIRS COMMITTEE REPORT (contd)**

Mr. Teaford:

I hope that in some part of this program we will work on this. I take a lot of grief, because there are no undergraduate trustees. I point out that the Trustees don't have anything to do with that, but a lot of people seem to think that we, non-student trustees, somehow do. So I hope that you will work on addressing that problem.

Ms. Burton:

We thought we would go back to our constituencies and discuss this process. We are concerned about the perception that students have equal rights to the position, and if the perception out there is that they don't have the opportunity, we need to go back and change the process. I think we could change it between our groups and maybe decide only to present certain applications to the Governor.

Dr. Spillman:

We need to say that if they make any changes in the process, it must come back to the Board for review and approval.

Ms. Paige:

I think my main concern is that if you would decide to present an undergraduate student that it be clearly stated this year, so there would not be any misinterpretation. I think that if a student applies, they have every right to that position. If you want to give it to an undergraduate, you have to clearly state that in the application because you would be wasting a lot of applicants' time otherwise. But if you go ahead and say that these applications are open to any student, then that is how you need to proceed.

Ms. Burton:

And it is our intention to proceed in that manner this year. We are going to wait and see what the Governor does and the perception among our constituencies, as to how they feel about the process, before we think about changing it.

Ms. Paige:

Has there been any discussion about restricting the position?

Dr. Spillman:

A year ago the three student governments discussed the possibility of alternating -- one year submitting an undergraduate slate and the next year submitting a graduate/professional slate, but they never came to an agreement. They never came forth with a proposal to the Board. I think that it is also fair to say that the guidelines indicate that the student government must submit five names to the Governor and the Governor makes the final choice. I believe that on both slates there were undergraduates, but in the minority.

**STUDENT AFFAIRS COMMITTEE REPORT (contd)**

Mr. Evans:

We were confident with all of the selections going to the Governor, as were the undergraduates.

Ms. Paige:

I am not sure about your budget, but I think that Mr. Sloan asked for a particular amount that would be designated for the search process.

Mr. Clark:

I am not sure what Steve has done. We had an agreement -- the three of us -- to equally share the burden three ways. I don't know when he did his report to the Council of Student Affairs or what that constituted.

Dr. Spillman:

And I don't know whether that was approved or not. I could look it up.

Ms. Paige:

I know that Steve submitted it in his budget, and I thought that he did get money for that.

Dr. Spillman:

Let me check that. I don't think you need to take any action unless you are uncomfortable with the time line being extended.

Mr. Teaford:

No problem.

Ms. Burton:

As you know, the Council of Graduate Students has been discussing the quarter versus semester issue since January 1990, and an ad-hoc committee was formed by our former CGS President Luke Evans. They have researched the issue and conducted a poll and brought forth a resolution to the Council. On October 30, the Council approved this resolution, I would like to share this resolution now and then add a formal request that the Chair shared with the entire Board:

WHEREAS over 70 percent of U.S. colleges and universities operate on some form of semester calendar; and

WHEREAS of those universities on a semester calendar, 80 percent are on an early semester calendar; and

WHEREAS a recent poll by the Council of Graduate Students indicated that two-thirds of the graduate students who responded preferred a semester calendar; and

**STUDENT AFFAIRS COMMITTEE REPORT (contd)**

Ms. Burton: (contd)

WHEREAS the opportunity for higher quality education and scholarship can be enhanced under a semester calendar by providing more opportunities for in-depth pursuit of academic studies; and

WHEREAS a semester calendar could better attract graduate students from outside the university, both domestic and international, by facilitating credit transfer, joint research efforts, and student exchange; and

WHEREAS expanded use of facilities, a primary reason for adopting the quarter calendar in 1922, is equally met by an early semester calendar; and

WHEREAS savings would be realized by changing to a semester calendar, in that the administrative cost for a semester calendar is lower than that of a quarter calendar due to one less registration period; and

WHEREAS the current curriculum reform seeks to improve the technical, social, and critical thinking skills of its students, an early semester calendar provides a structure that better promotes these goals and the University's stated goal "... to enhance the quality of human life through developing the individual capacity for enlightened understanding, thinking, and acting"; therefore

Let it be resolved that the Council of Graduate Students supports changing the academic calendar from a quarter to an early semester calendar, and that the Council authorizes the President of the Council to direct the ad hoc Quarter Re-Evaluation Committee to speak on behalf of the Council before University officials and the constituencies of the University, and

Let it also be resolved that the Council of Graduate Students thanks President Gee for encouraging discussion of calendar reform and that the Council supports the formation of a University-wide Committee, which would include graduate student representation, and

Let it further be resolved that the Council recognizes the complexity involved in changing the academic calendar and urges a major effort and commitment to a spirit of cooperation by the constituencies of the University.

To conclude, the Council firmly believes that the change in the academic calendar to the early semester calendar would afford us the opportunity to change the sleeping giant from very good into an outstanding institution in terms of promoting more in-depth academic learning, reducing the complexity and cost of this bureaucratic structure. It would also allow for the development of stronger social relations through longer terms, thus enhancing the quality of life not only for graduate students, but for all students, faculty, staff and administrators. We believe that a change to the early semester calendar would compute to a less stressful and more positive environment for all. This Council desires through the Board of Trustees to support discussion of this issue and we would hope that you would honor our request.

**STUDENT AFFAIRS COMMITTEE REPORT (contd)**

President Gee:

I might note that Dr. Hutchinson, in conjunction with the steering committee of the University Senate, has formed or is in the process of forming a committee to look at this issue, at the request that I put forth some time back. I'm enthusiastically committed to discussing it and in fact I have my own views which are very similar to yours. I might just note one thing, Benetta, that one needs only to serve a very short period of time as President of this University to understand that if there is anything sleeping about this giant, I would sure like to know what it is.

(See Appendix XXXVII for complete context of the Procedures and Criteria for Nominating Students to Serve on The Ohio State University Board of Trustees, page 691.)

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**AGRICULTURAL AFFAIRS COMMITTEE REPORT**

Ms. Casto:

Dr. Jourdan described novel materials that can be used for science instruction at all levels of learning (from kindergarten to graduate school). These materials consist of a group of plants, the Rapid Cycling Brassicas, that because they have a very short life cycle, facilitate the use of a live organism for demonstration of various biological concepts. A result of these activities, it is likely to be a more effective way to learn science and perhaps more students will consider science as a career.

I thought it was very interesting. They took things that were very practical -- anyone could find around the house. It is something that anyone in the elementary schools could do and they were even doing genetic studies on it in graduate school. Within a thirty-day cycle -- or close to a five week cycle -- it has full growth and has gone through its complete life cycle. It is certainly an alternative method and it is also increases the appreciation that people can have for plants.

(See Appendix XXXVIII for complete context of the Instruction in Plant Science: Exciting and Relevant, page 695.)

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**FISCAL AFFAIRS COMMITTEE REPORT**

Mr. Teaford:

The Fiscal Affairs Committee met this morning and is recommending the following resolutions:

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS**

Resolution No. 91-68

Synopsis: The Fiscal Affairs Committee recommended the approval of the following reports on contracts, grants, and gifts and the summary for October 1990.

December 6, 1990 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

WHEREAS monies are solicited and received on behalf of the University from governmental, industrial, other agencies, alumni, and various individuals in support of research, instructional activities, and service; and

WHEREAS such gifts and grants are received through The Ohio State University Research Foundation, the Engineering Experiment Station of The Ohio State University, and The Ohio State University Development Fund:

NOW THEREFORE

BE IT RESOLVED, That the research agreement between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the reports from the Engineering Experiment Station, The Ohio State University Development Fund during the month of October 1990 be approved.

Upon motion of Mr. Teaford, seconded by Mr. Kessler, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

Background

<u>Source</u>	<u>7/1/89-10/31/90</u>	<u>7/1/90-10/31/90</u>	<u>October 1990</u>
The Ohio State University Research Foundation	\$47,636,391.55	\$47,170,374.52	\$12,229,561.32
Engineering Experiment Station	\$ 2,065,159.00	\$ 3,583,397.00	\$ 797,686.00
Development Fund	\$ 9,965,960.00	\$16,372,292.00	\$ 3,931,688.00
The Ohio State University Development Fund			
Establishment of Named Funds			
The John H. and Mildred C. Lumley Medical Research Endowment Fund (Support medical research)			\$1,500,000.00
The John H. and Mildred C. Lumley Engineering Endowment Fund (Promote and enhance engineering research)			\$ 500,000.00
The Webster Robinson and Frank and Catherine Carrier Cancer Research Endowment Fund (Support cancer research)			\$ 350,000.00
The Dr. William D. Cunningham and Anna R. Cunningham Fund (Study of the treatment and/or cure of diabetes)			\$ 199,286.00
The Marion Spurrier Yengling Medical Research Fellowship (Support medical research by a Fellow in Hematology and Oncology)			\$ 100,000.00

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

Background (contd)

The Ohio State University Development Fund (contd)

Establishment of Named Funds (contd)

The Jerome Lawrence and Robert E. Lee Theatre Research Institute Endowment Fund (Support of the Institute)	\$ 63,543.74
The Dr. Leslie Kasdorf Cramer Endowed Memorial Scholarship Fund (Scholarships - College of Veterinary Medicine)	\$ 15,000.00
The John H. and Ruth W. Melvin Endowment Fund (Support programs of education and research - Department of Physical Medicine)	\$ 15,000.00
The Clara and Cal Prine Classical Music Broadcast Fund (Support of classical music broadcasting - WOSU-FM)	\$ 5,000.00

Change in Name and Description of Named Fund

From: Medicine Class of 1941 Fund  
To: The Medicine Class of 1941 Fund

Change in Description of Named Fund

The Wright Memorial Steel Castings Educational Fund

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION**

Report - October 1990

Federal Research Contracts/Grants

\$4,966,629.00 - Department of Labor, Bureau of Labor Statistics, Washington, D.C., National Longitudinal Surveys of Labor Market Experience, Round 13, Center for Human Resource Research (R. J. Olsen), 14 September 1990 through 31 March 1993. (Project 768685 - Continuation)

\$1,206,642.00 - International Development Cooperation Agency, Agency for International Development, Washington, D.C., Financial Resources Management (FIRM) Project, Department of Agricultural Economics and Rural Sociology (R. L. Meyer, C. Gonzalez-Vega, and C. E. Cuevas), 1 January 1990 through 30 September 1991. (Project 767920 - Continuation)

\$218,327.00 - National Science Foundation, Washington, D.C., Protein Folding, Stability, and Small Molecule Interactions, Department of Biochemistry (W. J. Becktel), 15 September 1990 through 31 August 1993. (Project 768686 - New)

\$194,647.00 - Department of Energy, Idaho Falls, Idaho, Installation and Evaluation of a Nuclear Power Plant Operator Advisor Based on Artificial Intelligence Technology, Department of Mechanical Engineering (B. K. Hajek and D. W. Miller), 1 October 1990 through 30 September 1991. (Project 767097 - Continuation)

\$187,093.00 - Department of Health and Human Services, National Institute for Occupational Safety and Health, Atlanta, Georgia, A Farm Family Health and Hazard Surveillance Program for Cash Grain Farmers in Ohio, Department of Preventive Medicine (J. R. Wilkins, III, J. V. Gaeuman, C. A. Heaney, and M. L. Moeschberger), Department of Agricultural Engineering (T. L. Bean), and Department of Entomology (F. R. Hall), 28 September 1990 through 27 September 1991. (Project 768645 - New)

\$166,272.00 - Department of Education, Washington, D.C., Supplemental Financial Aid for Graduate Students in Mathematics, Department of Mathematics (J. R. Leitzel and J. P. Huneke), 1 January 1991 through 31 December 1991. (Project 767099 - Continuation)

\$165,675.00 - Environmental Protection Agency, Washington, D.C., Development of Improved Field Equipment and Interpretation Procedures for Ground Penetrating Radar to Analyze the Geohydrologic Setting of Hazardous Waste Sites, Department of Geology and Mineralogy (J. J. Daniels) and Department of Electrical Engineering (L. Peters, Jr.), 29 September 1988 through 28 September 1990. (Project 767043 - Continuation)

\$159,262.00 - National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, General Simulation of Helicopters and Interface to Antenna Pattern Prediction Codes, ElectroScience Laboratory, Department of Electrical Engineering (E. H. Newman and R. G. Rojas), 1 July 1990 through 30 June 1991. (Project 767820 - Continuation)

\$152,045.00 - Department of Commerce, National Oceanic and Atmospheric Administration, Rockville, Maryland, A Cooperative Tropical Paleoclimatic Ice Core Study in the Cordillera Blanca, Peru, and Its Relationship to Global Climatic Variability, Byrd Polar Research Center (L. G. Thompson and E. Mosley-Thompson), 1 September 1990 through 31 August 1991. (Project 767881 - Continuation)

December 6, 1990 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

#### Federal Research Contracts/Grants (contd)

\$151,350.00 - Department of Education, Washington, D.C., Fellowships for Competitiveness in Chemistry in the 21st Century, Department of Chemistry (C. W. Mathews), 1 January 1991 through 31 December 1991. (Project 767096 - Continuation)

\$150,000.00 - Department of Health and Human Services, National Center for Research Resources, Bethesda, Maryland, General Clinical Research Center, Medicine Administration (M. Tzagouris) and Department of Internal Medicine (W. Malarkey), 1 December 1989 through 30 November 1990. (Project 761196 - Continuation)

\$135,000.00 - Environmental Protection Agency, Washington, D.C., In Situ Remediation of Metal-Contaminated Landfill Materials, Department of Agronomy - OARDC and Department of Agronomy (T. J. Logan), Department of Agronomy (S. J. Traina), and Department of Geology and Mineralogy (F. W. Schwartz), 28 September 1990 through 27 September 1991. (Project 768648 - New)

\$130,889.00 - Department of Health and Human Services, National Institute on Alcohol Abuse and Alcoholism, Rockville, Maryland, OSU Nursing Faculty Development in Substance Abuse, Department of Life Span Process (E. Burns), 28 September 1990 through 31 August 1991. (Project 768618 - New)

\$120,000.00 - National Science Foundation, Washington, D.C., The Environmental History of the Amazon Rain Forest, Department of Zoology (P. A. Colinvaux), 15 August 1990 through 31 July 1991. (Project 768632 - New)

\$115,558.00 - Department of Education, Washington, D.C., Developing the Gateway to Help/Teach Students to Apply Critical Thinking Skills in Evaluating Library Material, University Libraries (V. M. Tiefel), 1 October 1990 through 30 September 1991. (Project 768677 - New)

\$114,151.00 - Department of Health and Human Services, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Delivery of Anti-AIDS Drug 2', 3'-Dideoxyinosine, Department of Surgery (M. G. Wientjes) and College of Pharmacy (J. L. Au), 1 September 1990 through 31 August 1991. (Project 767804 - Continuation)

\$110,000.00 - Department of Agriculture, Science and Education, Washington, D.C., Proline Biosynthetic Genes and Control of Osmotic Stress in Plants, Biotechnology Program and Department of Molecular Genetics (D. P. S. Verma), 15 September 1990 through 30 September 1992. (Project 768663 - New)

\$107,025.00 - Department of Energy, Idaho Falls, Idaho, Diagnostic Hierarchy Approach to Root Cause Analysis for Heavy Water Reactor Malfunction Management, Department of Mechanical Engineering (D. W. Miller), 30 September 1990 through 29 September 1991. (Project 768699 - New)

\$106,362.00 - Department of Education, Washington, D.C., Cooperative Education Grant for the Professional Practice Program, Business Administration (R. L. Racster), 1 September 1990 through 31 August 1991. (Project 768861 - New)

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$99,837.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, Image Representation of Target Scattering Properties and Target Signature Modeling, ElectroScience Laboratory, Department of Electrical Engineering (W. D. Burnside and R. J. Marhefka), 1 September 1990 through 31 August 1991. (Project 767063 - Continuation)

\$98,861.00 - Department of Education, Washington, D.C., Mid-Career Teacher Training in Region V for 1990-1991 and 1991-1992, Department of Agricultural Education (J. M. Cano), 1 October 1990 through 30 September 1992. (Project 768652 - New)

\$96,621.00 - Department of Health and Human Services, Maternal and Child Health Bureau, Rockville, Maryland, An Indigenous Model for Enhancing Access to Genetic and Maternal and Child Health Services for Southeast Asian Refugee Populations, Department of Preventive Medicine (M. S. C. Chen), Department of Anthropology (A. Zaharlick), and Department of Pediatrics (A. Sommer), 1 October 1990 through 30 September 1991. (Project 768695 - New)

\$87,143.00 - Department of Education, Washington, D.C., Historical Theatrical Documents in Microform: A Proposal for Preservation and Bibliographic Access, University Libraries (W. L. Boomgaarden and N. L. Couch), 1 December 1990 through 30 November 1991. (Project 768665 - New)

\$85,000.00 - Department of Commerce, National Oceanic and Atmospheric Administration, Silver Spring, Maryland, Recent Precipitation Variations Over the Greenland Ice Sheet, Byrd Polar Research Center (D. H. Bromwich), 1 September 1990 through 31 August 1991. (Project 768658 - New)

\$84,197.00 - Department of Energy, Idaho Falls, Idaho, Development of an Empirical Model for a Steam Driven Emergency Core Cooling System for an Inherently Safe Reactor and a Dynamic Methodology for System Reliability Assessment, Department of Mechanical Engineering (R. N. Christensen and T. Aldemir), 30 September 1990 through 30 September 1991. (Project 767093 - Continuation)

\$83,827.00 - Department of Commerce, National Oceanic and Atmospheric Administration, Silver Spring, Maryland, Snow and Ice Process Studies Using Automatic Satellite-Linked Weather Stations in the High Altitude Tropics of Peru, Byrd Polar Research Center (L. G. Thompson), 1 September 1990 through 31 August 1991. (Project 768656 - New)

\$80,578.00 - Department of Health and Human Services, National Eye Institute, Bethesda, Maryland, The Optimal Corneal Shape, College of Optometry (L. G. Carney), 30 September 1990 through 29 September 1991. (Project 766416 - Continuation)

\$80,000.00 - Department of Agriculture, Science and Education, Washington, D.C., Molecular Analysis of S-allele Function in Self-Incompatible and Pseudo-Self-Compatible *Petunia*, Biological Sciences Administration (T. L. Sims and G. L. Floyd), 1 September 1990 through 31 August 1992. (Project 768617 - New)

\$72,860.00 - Department of the Air Force, Air Force Systems Command, Bolling Air Force Base, D.C., On the Behavior of Non-Newtonian Fluids: Analysis Computation and Experiment, Department of Mathematics (M. G. Forest) and Department of Engineering Mechanics (S. E. Bechtel), 1 October 1990 through 30 September 1991. (Project 768202 - Continuation)

December 6, 1990 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$68,337.00 - Department of the Interior, Office of Surface Mining Reclamation and Enforcement, Pittsburgh, Pennsylvania, Maintenance of Compaction Alleviation in Mineland Soil, Department of Agronomy - OARDC (E. L. McCoy, A. L. Barta, and P. Sutton), 30 September 1990 through 29 September 1991. (Project 767037 - Continuation)

\$68,000.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, A Mechanistic Study of the Brittle to Ductile Transition in High Melting Point Intermetallic Compounds, Department of Materials Science and Engineering (H. L. Fraser), 14 September 1990 through 31 March 1991. (Project 768191 - Continuation)

\$48,927.00 - Department of Health and Human Services, National Cancer Institute, Bethesda, Maryland, Cooperative Human Tissue Network, Comprehensive Cancer Center and Department of Pathology (K. Clausen) and Comprehensive Cancer Center and Department of Physiological Chemistry (R. W. Trewyn), 1 January 1990 through 31 December 1990. (Project 765857 - Continuation)

\$47,500.00 - Department of the Air Force, Air Force Systems Command, Bolling Air Force Base, D.C., Investigation of the Hepatotoxic and Immunotoxic Effects of the Peroxisome Proliferator, Perfluorodecanoic Acid, Department of Veterinary Pathobiology (M. J. Tarr and G. S. Krakowka), 1 September 1990 through 31 March 1991. (Project 768380 - New)

\$40,000.00 - National Science Foundation, Washington, D.C., Physical Regularizations of the Motion of a Vortex Sheet, Department of Mathematics (G. R. Baker, G. Majda, and A. Nachbin), 1 July 1990 through 30 June 1991. (Project 768560 - New)

\$40,000.00 - National Science Foundation, Washington, D.C., Simulations of Strongly Correlated Quantum Systems, Department of Physics (D. L. Cox), 1 September 1990 through 31 August 1992. (Project 768662 - New)

\$39,981.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, Target Signature Modeling and Bistatic Scattering Measurement Studies, ElectroScience Laboratory, Department of Electrical Engineering (R. J. Marhefka and W. D. Burnside), 1 September 1990 through 31 August 1991. (Project 767063 - Continuation)

\$38,076.00 - Department of Energy, Idaho Falls, Idaho, University Reactor Instrumentation Program, Engineering Experiment Station (D. W. Miller), 7 September 1990 through 31 August 1991. (Project 768580 - New)

\$37,200.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Passivity and Breakdown of Oxide Films on Aluminum Alloys Produced Using Nonequilibrium Processing Methods, Department of Materials Science and Engineering (G. R. St. Pierre), 1 October 1990 through 31 December 1990. (Project 767297 - Continuation)

\$35,574.00 - National Science Foundation, Washington, D.C., Travel for U.S. Participation in the Sixth Antarctic Earth Sciences Symposium, Saitama, Japan, September 9-13, 1991, Byrd Polar Research Center and Department of Geology and Mineralogy (D. H. Elliot), 1 January 1991 through 31 December 1991. (Project 768704 - New)

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**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$35,415.00 - National Science Foundation, Washington, D.C., United States and Czechoslovak Research on Analysis and Verification of Solid-Liquid Flow, Department of Chemical Engineering (R. S. Brodkey), 15 July 1990 through 30 June 1993. (Project 768613 - New)

\$35,343.00 - Department of Health and Human Services, National Center for Research Resources, Bethesda, Maryland, Proper Utilization of Freund's Complete Adjuvant, Department of Veterinary Preventive Medicine (H. F. Stills), 30 September 1990 through 29 September 1991. (Project 768637 - New)

\$35,246.00 - Department of Commerce, National Oceanic and Atmospheric Administration, Silver Spring, Maryland, Numerical Studies on the Onset of, and Controls on Fast Streaming Flow, Byrd Polar Research Center (K. C. Jezek and C. Van der Veen), 1 September 1990 through 31 August 1991. (Project 768657 - New)

\$35,000.00 - Department of Energy, Idaho Falls, Idaho, Nuclear Reactor Sharing Program, Engineering Experiment Station (R. D. Myser), 30 September 1990 through 29 September 1991. (Project 762411 - Continuation)

\$32,709.00 - Department of Health and Human Services, National Institute of Diabetes and Digestive and Kidney Diseases, Bethesda, Maryland, Modification of Diet in Renal Disease (MDRD) Study, Department of Internal Medicine (L. A. Hebert), 1 December 1990 through 31 December 1990. (Project 766873 - Continuation)

\$30,000.00 - Department of the Navy, Office of Naval Research, Washington, D.C., LO Feed for Parabolic Dish, ElectroScience Laboratory, Department of Electrical Engineering (B. A. Munk and J. D. Young), 5 September 1990 through 4 September 1991. Project 768611 - New)

\$29,998.00 - Environmental Protection Agency, Washington, D.C., Wastewater Treatment Resource Hunt, Department of Educational Studies: Humanities, Science, Technological, and Vocational (R. W. Howe), 28 September 1990 through 27 September 1991. (Project 768671 - New)

\$28,000.00 - Department of Health and Human Services, National Institute of Neurological Disorders and Stroke, Bethesda, Maryland, Gastric Function: Medullary Control, Department of Physiology (R. C. Rogers), 28 September 1990 through 27 September 1991. (Project 767391 - Continuation)

\$25,070.00 - National Science Foundation, Washington, D.C., Workshop on Antarctic Global Positioning System Measurements, Byrd Polar Research Center and Department of Geology and Mineralogy (D. H. Elliot and I. M. Whillans), 15 October 1990 through 30 September 1991. (Project 768705 - New)

\$25,000.00 - Department of Transportation, Transportation System Center, Cambridge, Massachusetts, Vibration of Plates, Department of Engineering Mechanics (A. W. Leissa), 7 September 1990 through 7 September 1991. (Project 768660 - New)

\$25,000.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, Cognitive Engineering in Aerospace Applications, Department of Industrial and Systems Engineering (D. D. Woods and P. J. Smith), 1 September 1990 through 31 March 1991. (Project 767386 - Continuation)

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**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$24,000.00 - International Development Cooperation Agency, Agency for International Development, Washington, D.C., International Symposium on Agricultural Ecology and Conservation Issues in Temperate and Tropical Regions, Department of Entomology - OARDC (B. R. Stinner), 20 September 1990 through 31 March 1992. (Project 768670 - New)

\$22,000.00 - National Aeronautics and Space Administration, Washington, D.C., High Temperature Superconducting Thin Film, Department of Electrical Engineering (G. J. Valco), 1 October 1990 through 30 September 1991. (Project 767084 - Continuation)

\$20,104.00 - Department of Energy, Morgantown Energy Technology Center, Morgantown, West Virginia, Application of Characteristic Time Concepts for Hydraulic Fracture Configuration Design, Control, and Optimization, Department of Engineering Mechanics (S. H. Advani), 10 August 1990 through 9 August 1991. (Project 768598 - New)

\$17,104.00 - Department of Health and Human Services, National Institute of General Medical Sciences, Bethesda, Maryland, Functional Domains of the HSV-1 65K DNA Binding Protein, Department of Microbiology and Immunology (D. S. Parris), 1 July 1990 through 30 June 1991. (Project 765482 - Continuation)

\$15,000.00 - Department of Agriculture, Science and Education, Beltsville, Maryland, Families with Financial Difficulties, Department of Family Resource Management (M. M. Sanik), 31 July 1990 through 30 September 1992. (Project 768644 - New)

\$9,224.00 - Environmental Protection Agency, Chicago, Illinois, Acid Deposition Monitoring Program for Western Lake Erie, Center for Lake Erie Area Research (J. M. Reutter), 1 July 1990 through 30 June 1991. (Project 767085 - Continuation)

\$9,000.00 - Office of Technology Assessment, Washington, D.C., Assessing Federal Grade Criteria for Fruits and Vegetables, Department of Agricultural Economics and Rural Sociology (T. L. Sporleder), 1 October 1990 through 29 March 1991. (Project 768683 - New)

\$7,106.00 - Department of Agriculture, Science and Education, Peoria, Illinois, Cooperative Agricultural Research, Office of the Director - OARDC (N. D. Schmidt and R. F. Edwards), 1 October 1989 through 30 September 1990. (Project 766472 - Continuation)

\$2,000.00 - Department of Agriculture, Science and Education, Washington, D.C., Combined Meetings of 7th International Auchenorrhyncha Congress and 3rd International Workshop on Leafhoppers and Planthoppers of Economic Importance, Department of Entomology - OARDC (L. R. Nault), 1 August 1990 through 31 July 1991. (Project 768646 - New)

\$246.00 - Department of Health and Human Services, National Cancer Institute, Bethesda, Maryland, The Value of Glyco-lipids for Classifying Astrocytomas, Department of Pathology (A. J. Yates), 1 September 1990 through 31 August 1991. (Project 767769 - Continuation)

**TOTAL - FEDERAL AWARDS**

**\$10,452,011.00**

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**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**State of Ohio Research Contracts/Grants**

\$100,000.00 - State of Ohio, Department of Agriculture, Columbus, Ohio, Ohio Department of Agriculture and The Ohio State University Demonstration Farm, Department of Entomology - OARDC and Department of Entomology (C. A. Edwards) and Department of Entomology - OARDC (B. R. Stinner), 12 July 1990 through 30 June 1991. (Project 768548 - New)

\$58,800.00 - State of Ohio, Department of Health, Columbus, Ohio, Comprehensive Adult Hemophilia Clinic, Department of Internal Medicine (S. P. Balcerzak), 1 July 1990 through 30 June 1991. (Project 762760 - Continuation)

\$50,000.00 - State of Ohio, Department of Natural Resources, Columbus, Ohio, Inventory and Assessment of Ohio Wetlands, Center for Mapping and School of Natural Resources (C. B. Davis), 22 August 1990 through 30 June 1991. (Project 768482 - New)

\$38,697.00 - State of Ohio, Board of Regents, Columbus, Ohio, Integrating Science and Technology Through Cooperative Learning Activities, Department of Educational Studies: Humanities, Science, Technological, and Vocational (K. Zuga and C. S. Carter), 1 October 1990 through 30 September 1991. (Project 768655 - New)

\$31,609.00 - State of Ohio, Board of Regents, Columbus, Ohio, Collaborative Inservice in Activity-Based Science, Newark Campus and Department of Educational Theory and Practice (D. Cantrell), 14 September 1990 through 31 December 1991. (Project 768653 - New)

\$23,963.00 - State of Ohio, Department of Mental Health, Columbus, Ohio, The Mental Health Act of 1988: The Interpretation and Response of Community Mental Health Boards to Major System Change, Department of Psychology (R. S. Billings), 1 September 1990 through 30 June 1991. (Project 768669 - New)

\$20,000.00 - State of Ohio, Department of Natural Resources, Columbus, Ohio, Extension Associate -- Upper Vermilion River Watershed, Ohio Cooperative Extension Service - Administration (D. E. Pritchard), 1 July 1990 through 30 June 1991. (Project 768642 - New)

\$9,200.00 - State of Ohio, Department of Commerce, Columbus, Ohio, Review Committee, Academic Faculty of Finance (R. L. Racster), 1 September 1990 through 31 December 1990. (Project 768666 - New)

\$3,000.00 - State of Ohio, Department of Human Services, Columbus, Ohio, Master Parenting, Ohio Cooperative Extension Service - County Operations (R. J. Cropper), 3 October 1990 through 30 June 1991. (Project 768651 - New)

**TOTAL - STATE OF OHIO AWARDS** **\$ 335,269.00**

**Industrial Research Contracts/Grants**

\$125,000.00 - Apple Computer, Inc., Cupertino, California, Apple Classroom of Tomorrow -- Longitudinal Research Center, Department of Educational Theory and Practice (R. J. Tierney), 1 September 1990 through 31 August 1991. (Project 767963 - Continuation)

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Industrial Research Contracts/Grants (contd)**

\$60,000.00 - Pioneer Hi-Bred International, Inc., Johnston, Iowa, Development of Viral Vectors for Gene Targeting in Plants, Biotechnology Program and Department of Molecular Genetics (D. M. Bisaro) and Biotechnology Program and Department of Plant Biology (K. R. Davis), 1 October 1990 through 30 September 1992. (Project 768702 - New)

\$43,827.00 - Dad's Products Company, Inc., Meadville, Pennsylvania, Nutrition Study -- Chronic, Department of Veterinary Clinical Sciences (C. A. Buffington), 1 May 1989 through 31 August 1991. (Project 767975 - Continuation)

\$42,017.52 - Abbott Laboratories, Abbott Park, Illinois, Safety and Efficacy of Depakote<sup>®</sup> Monotherapy in the Treatment of Complex Partial Seizures: A Plasma Concentration-Response Study, Department of Neurology (A. Pakainis), 1 June 1990 through 31 December 1991. (Project 768606 - New)

\$38,801.00 - Stride Rite Corporation, Cambridge, Massachusetts, Evaluation of the Pressure Distribution During the Stance Phase of Walking for Children Between the Ages 1-7, Department of Surgery (S. R. Simon), 1 May 1990 through 31 August 1991. (Project 768245 - Continuation)

\$34,100.00 - Sandia Corporation, Albuquerque, New Mexico, Vertical-Axis Wind Blade Section Activities, Department of Aeronautical and Astronautical Engineering (G. M. Gregorek), 28 September 1990 through 27 September 1991. (Project 768659 - Continuation)

\$27,196.80 - Columbia Research Laboratories, New York, New York, Double-Blind Evaluation of a Vaginal Bioadhesive Gel (REPLENS<sup>®</sup>) in Postmenopausal Women: Effect on pH and Colonization with Enteric Gram Negative Bacteria and Enterococci, Department of Internal Medicine (C. M. Kunin), 15 May 1990 through 14 May 1991. (Project 768256 - Continuation)

\$18,542.00 - Ross Laboratories, Columbus, Ohio, Treatment Studies in Germfree Piglets for Campylobacter pylori Infection, Department of Veterinary Pathobiology (G. S. Krakowka), 1 September 1990 through 1 February 1991. (Project 767916 - Continuation)

\$16,200.00 - Brigham and Women's Hospital, Boston, Massachusetts, The Comprehensive Management of Unstable Angina and Non-Q-Wave Myocardial Infarction: The Roles of t-PA and Revascularization, Department of Internal Medicine (R. D. Magorien), 1 August 1990 through 31 July 1991. (Project 768603 - New)

\$14,321.00 - Hoffman-La Roche, Inc., Nutley, New Jersey, Effect of Etrexinate on Clinical Signs and Cutaneous Cell Proliferation Kinetics of Cocker Spaniels with Primary Idiopathic Seborrhea, Department of Veterinary Clinical Sciences (K. W. Kwochka), 1 September 1990 through 31 August 1991. (Project 768700 - New)

\$13,000.00 - Beecham Laboratories, Bristol, Tennessee, A Randomized, Double-Blind, Multicenter Study Comparing Myocardial Function, Patency, and Safety of Intravenous EMINASE (anistreplase; APSAC; BRL 26921) Versus Intravenous Alteplase (t-PA) in Patients with an Acute Myocardial Infarction, Department of Internal Medicine (R. D. Magorien), 23 August 1989 through 22 August 1990. (Project 767764 - Continuation)

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Industrial Research Contracts/Grants (contd)**

\$12,500.00 - Glaxo, Inc., Research Triangle Park, North Carolina, Treatment of Postoperative Nausea and Vomiting: A Randomized Double-Blind, Dose-Range Study of Intravenous Ondansetron in Patients Undergoing Surgical Procedures, Department of Anesthesiology (J. S. McDonald), 1 October 1990 through 1 March 1991. (Project 768680 - New)

\$4,479.00 - Applied R & D, Olmsted Falls, Ohio, Vertical Multi-Junction Photovoltaic Cell, Department of Electrical Engineering (G. J. Valco), 1 October 1990 through 31 December 1990. (Project 767802 - Continuation)

\$3,970.00 - SoilOrganics, Worthington, Ohio, Evaluation of Leaf Disposal on Soils Used for Corn Production, Department of Agronomy - OARDC and Department of Agronomy (J. W. Johnson) and Department of Dairy Science - OARDC and Department of Dairy Science (D. L. Zartman), 7 September 1990 through 1 December 1992. (Project 768620 - New)

Travel - International Business Machines Corporation, San Jose, California, Garnet Thin Films for Magneto-Optic Recording Media, Department of Physics (P. E. Wigen), 1 December 1990 through 30 November 1991. (Project 767208 - Continuation) (Approximate Dollar Value - \$7,000)

**TOTAL - INDUSTRIAL AWARDS** **\$ 453,954.32**

**Other Non-Federal Research Contracts/Grants**

\$177,779.00 - W. K. Kellogg Foundation, Battle Creek, Michigan, Project Excel: Excellence in Community Elected Leadership, Ohio Cooperative Extension Service - Administration (D. Boothe and J. D. Rohrer), 1 September 1990 through 31 August 1991. (Project 768664 - New)

\$92,344.00 - University of Nebraska, Lincoln, Nebraska, Economic, Ecological, and Environmental Analyses of Farms Under Long-Term Lower Chemical Input Management, Department of Entomology - OARDC (B. R. Stinner and J. M. Blair) and Department of Entomology (C. A. Edwards), 1 September 1990 through 1 September 1992. (Project 768676 - New)

\$58,075.00 - Ohio Aerospace Institute, Brook Park, Ohio, Ohio Aerospace Institute, Department of Mechanical Engineering (L. A. Kennedy), 1 October 1990 through 30 September 1991. (Project 768625 - New)

\$50,000.00 - Cystic Fibrosis Foundation, Bethesda, Maryland, Identification of the Adhesins of Pseudomonas aeruginosa, Department of Microbiology (N. R. Baker and A. Darzins), 1 October 1990 through 30 September 1991. (Project 768674 - New)

\$46,458.00 - Marion City Schools System, Marion, Ohio, Reading Recovery Program -- 1990-1991, Department of Educational Theory and Practice (G. S. Pinnell, D. DeFord, and C. Lyons), 1 October 1990 through 30 September 1991. (Project 768673 - New)

\$45,536.00 - University of New Hampshire, Durham, New Hampshire, The Effect of Fracture Surface Interference on Shear Crack Growth, Department of Engineering Mechanics (D. A. Mendelsohn), 1 September 1990 through 30 April 1992. (Project 768640 - New)

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Other Non-Federal Research Contracts/Grants (contd)**

\$45,428.00 - Puerto Rico Department of Education, Hato Ray, Puerto Rico, Puerto Rico/OSU Vocational Education Graduate Program Linkage, Department of Agricultural Education (J. M. Cano), 1 September 1990 through 30 August 1991. (Project 768679 - New)

\$40,000.00 - Howland Local School District, Warren, Ohio, Reading Recovery Program -- 1990-1991, Department of Educational Theory and Practice (G. S. Pinnell, D. DeFord, and C. Lyons), 1 October 1990 through 30 September 1991. (Project 768672 - New)

\$40,000.00 - University of California, Livermore, California, Laser-Generated Ultrasonics for Material Characterization, Department of Welding Engineering (L. Adler), 1 October 1990 through 20 December 1990. (Project 768197 - Continuation)

\$39,496.00 - Helen Keller National Center for Deaf-Blind Youth and Adults, Sands Point, New York, Technical Assistance to Helen Keller Center, Education Administration and School of Health, Physical Education, and Recreation (K. D. Arnold), 1 October 1990 through 30 September 1991. (Project 767867 - Continuation)

\$25,878.00 - Children's Hospital Research Foundation, Columbus, Ohio, Comparative Immunogenicity of Three Conjugated PRP Vaccines Given at Two, Four, and Six Months of Age, Department of Pediatrics and Department of Family Medicine (L. K. Grossman), 1 September 1990 through 31 August 1991. (Project 768634 - New)

\$24,250.00 - Milbank Memorial Fund, New York, New York, Households and Health Services Under the Medicaid Program, Division of Hospital and Health Services Administration (S. Tanenbaum), 1 July 1990 through 30 June 1991. (Project 768681 - New)

\$23,500.00 - University of Illinois, Champaign, Illinois, Water Flow and Herbicide Transport Through Soil Macropores, Department of Agronomy - OARDC (E. L. McCoy), 1 July 1990 through 30 June 1991. (Project 768691 - New)

\$23,142.00 - Children's Hospital Research Foundation, Columbus, Ohio, Epidemiology of Acute Nonlymphoblastic Leukemia in Children, Department of Preventive Medicine (J. R. Wilkins, III), 1 May 1990 through 30 April 1991. (Project 767521 - Continuation)

\$22,829.00 - University of Washington, Seattle, Washington, Airborne Radar Survey of McMurdo Dome, Antarctica, Byrd Polar Research Center (K. C. Jezek and D. Blankenship), 1 August 1990 through 31 October 1991. (Project 768647 - New)

\$22,655.00 - University of Georgia, Athens, Georgia, Effects of Resource Quality and Microarthropods on Forest Floor Nitrogen Dynamics, Department of Entomology - OARDC and Department of Entomology (C. A. Edwards) and Department of Entomology (J. M. Blair), 1 September 1990 through 31 August 1991. (Project 767826 - Continuation)

\$20,000.00 - Illinois State Board of Education, Springfield, Illinois, Overcoming Barriers to Entrepreneurship, Center on Education and Training for Employment (R. D. Ryan), 1 July 1990 through 30 June 1991. (Project 768360 - Continuation)

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**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Other Non-Federal Research Contracts/Grants (contd)**

\$20,000.00 - Sandoz Foundation for Gerontological Research, East Hanover, New Jersey, A Novel Psychopharmacological Approach for the Treatment of Age-Related Impairments in Cognitive Abilities: Benzodiazepine Receptor Antagonists/Partial Inverse Agonists, Department of Psychology (M. Sarter), 1 September 1990 through 31 August 1991. (Project 768693 - New)

\$20,000.00 - Ten Members of the National Alliance of Community and Technical Colleges, National Alliance of Community and Technical Colleges, Center on Education and Training for Employment (R. D. Ryan), 1 July 1990 through 30 June 1991. (Project 768414 - Continuation)

\$18,484.00 - Children's Hospital Research Foundation, Columbus, Ohio, Evaluation of Safety of an Acellular Pertussis Vaccine Combined with Diphtheria and Tetanus Toxoid in Children 15 to 20 Months of Age, Department of Pediatrics and Department of Family Medicine (L. K. Grossman), 1 September 1990 through 30 June 1991. (Project 768633 - New)

\$16,895.00 - Ohio Corn Marketing Program Board, Marion, Ohio, Increasing the Demand for Corn Gluten Meal for Starter Pigs, Department of Animal Science - OARDC and Department of Animal Science (D. C. Mahan), 1 October 1990 through 30 June 1991. (Project 768690 - New)

\$15,000.00 - University of Cincinnati, Cincinnati, Ohio, Effects of Rapid Serum Creatin Phosphokinase-MB Analysis on Clinical Decision-Making in the Emergency Department Evaluation of Chest Pain, Department of Emergency Medicine (J. W. Hoekstra), 1 July 1990 through 30 June 1991. (Project 768635 - New)

\$13,261.00 - Hamilton Local School District, Columbus, Ohio, Internship Program: Hamilton Local School District, 1990-1991, Department of Educational Services and Research (T. E. Heron), 1 October 1990 through 31 July 1991. (Project 768668 - New)

\$11,536.00 - Children's Hospital Research Foundation, Columbus, Ohio, Evaluation of Flunarizine as a Treatment for Patients with Partial Seizures, Department of Neurology (M. E. Drake, Jr.), 1 October 1990 through 30 November 1990. (Project 766579 - Continuation)

\$10,200.00 - Southeastern Center for Electrical Engineering Education, St. Cloud, Florida, United States Air Force Graduate Fellowship, Department of Electrical Engineering (R. Moses and W. M. Steedly), 1 September 1990 through 31 August 1991. (Project 768569 - Continuation)

\$10,000.00 - American Diabetes Association, Ohio Affiliate, Inc., Worthington, Ohio, Risk Factors for Diabetic Nephropathy, Department of Veterinary Pathobiology (M. J. Radin), 1 September 1990 through 31 August 1991. (Project 768675 - New)

\$10,000.00 - National Institute for Dispute Resolution, Washington, D.C., Negotiation Video, Business Administration (R. J. Lewicki), 17 July 1989 through 31 May 1991. (Project 768692 - New)

\$7,200.00 - Southeastern Center for Electrical Engineering Education, St. Cloud, Florida, United States Air Force Graduate Fellowship, Department of Electrical Engineering (S. Yurkovich and J. M. Watkins), 1 September 1990 through 31 August 1991. (Project 768562 - Continuation)

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**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Other Non-Federal Research Contracts/Grants (contd)**

\$6,400.00 - University of Pittsburgh, Pittsburgh, Pennsylvania, NSABP Colo-Rectal Protocols, Department of Surgery (W. B. Farrar), 1 February 1990 through 31 January 1991. (Project 768654 - Continuation)

\$5,500.00 - Columbus Zoo, Powell, Ohio, Cooperative Grants Program -- The Columbus Zoo and The Ohio State University, Department of Molecular Genetics and Department of Zoology (P. A. Fuerst), 1 July 1990 through 30 June 1991. (Project 768502 - Continuation)

\$5,000.00 - Columbus Zoo, Powell, Ohio, Cooperative Grants Program -- The Columbus Zoo and The Ohio State University, Department of Zoology (J. D. Harder), 1 July 1990 through 30 June 1991. (Project 768502 - Continuation)

\$4,350.00 - Columbus Zoo, Powell, Ohio, Cooperative Grants Program -- The Columbus Zoo and The Ohio State University, Department of Zoology (J. F. Downhower), 1 July 1990 through 30 June 1991. (Project 768502 - Continuation)

\$4,000.00 - Boston University, Boston, Massachusetts, Principles for Machine/Human Compatibility in Manufacturing Systems, Department of Industrial and Systems Engineering (A. B. Bishop), 1 October 1990 through 31 December 1990. (Project 766000 - Continuation)

\$4,000.00 - Columbus Zoo, Powell, Ohio, Cooperative Grants Program -- The Columbus Zoo and The Ohio State University, Department of Veterinary Clinical Sciences (C. A. Buffington), 1 July 1990 through 30 June 1991. (Project 768502 - Continuation)

\$3,754.00 - University of Rochester, Rochester, New York, Smooth Muscle Model System for the Induction of Oxygen Regulated Proteins During Ischemia, Department of Cellular Biology, Neurobiology, and Anatomy (A. R. Strauch), 1 September 1990 through 30 June 1991. (Project 767736 - Continuation)

\$2,690.00 - American Nurses' Foundation, Inc., Washington, D.C., Pressure Sore Prevention in the Spinal Cord-Injured, School of Health, Physical Education, and Recreation (D. Zakrajsek), 1 October 1990 through 30 September 1991. (Project 768688 - New)

\$2,687.00 - American Nurses' Foundation, Inc., Washington, D.C., A Coping Program for Schoolagers with Maladaptive Coping, Department of Life Span Process (N. M. Ryan-Wenger), 1 October 1990 through 30 September 1991. (Project 768689 - New)

TOTAL - OTHER NON-FEDERAL AWARDS

\$ 988,327.00

**ENGINEERING EXPERIMENT STATION**

**State Sponsored Research and Development**

\$262,696.00 - from Ohio Department of Development/Ohio Steel Futures, Columbus, Ohio for "Post Combustion in Basic Oxygen Steelmaking Furnaces," under the direction of the department of Materials Science and Engineering for the period July 1, 1990 through March 1, 1992. (529864)

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**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**ENGINEERING EXPERIMENT STATION (contd)**

State Sponsored Research and Development (contd)

\$52,000.00 - from Ohio Department of Transportation, Columbus, Ohio, for "Economical Evaluation of Calcium Magnesium Acetate (CMA) Production for Road De-icing," under the direction of the department of Chemical Engineering for the period October 1, 1990 through September 30, 1991. (529861)

\$5,300.00 - additional budget from Thomas A. Edison Program, Columbus, Ohio and Ribtec, Columbus, Ohio for "Collable Ultrahard Hardfacing Welding Consumables," under the direction of the department of Welding Engineering for the period October 1, 1988 through November 30, 1990. (312491, Ext. 2)

TOTAL - STATE SPONSORED RESEARCH AND DEVELOPMENT \$ 319,996.00

Industry and Other Sponsored Research and Development

\$104,900.00 - from General Motors Gear Center, Romulus, Michigan, for "Probabilistic Dynamic Modeling of Multi-Mesh Gear Systems," under the direction of the department of Mechanical Engineering for the period October 18, 1990 through December 31, 1992. (312554)

\$48,000.00 - from Battelle Memorial Institute, Columbus, Ohio, for "Heat Exchanger Aspects of a Gas Fired Cooling Only Heat Pump," under the direction of the department of Mechanical Engineering for the period August 1, 1987 through December 31, 1990. (312439, Ext. 4)

\$40,104.00 - from Teledyne Monarch Rubber, Hartville, Ohio, for "Design of Adaptive Hydromounts," under the direction of the department of Mechanical Engineering for the period July 1, 1989 through June 30, 1991. (529808, Ext. 2)

\$37,530.00 - from Teledyne Monarch Rubber, Hartville, Ohio, for "Computer Modeling of Hydromounts," under the direction of the department of Mechanical Engineering for the period July 1, 1989 through June 30, 1991. (529809, Ext. 2)

\$29,943.00 - from General Dynamics, Fort Worth, Texas, for "Development of Noise Radar," under the direction of the department of Electrical Engineering for the period August 1, 1990 through December 31, 1990. (312553)

\$25,000.00 - from Edward Orton Jr. Ceramic Foundation, Westerville, Ohio, for "Solid-State Gas Sensor," under the direction of the department of Materials Science & Engineering for the period October 1, 1990 through June 30, 1991. (312552)

\$25,000.00 - from various industry for membership in the Chameleon Software Consortium under the direction of the department of Computer & Information Science. (529866)

\$25,000.00 - from various industry for membership in the Engineering Research Center for Net Shape Manufacturing under the direction of the Engineering Experiment Station (529200)

\$20,000.00 - from various industry for membership in the Compact Radar Cross Section Measurement Range Research and Development Consortium under the direction of the department of Electrical Engineering. (312884)

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**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**ENGINEERING EXPERIMENT STATION (contd)**

**Industry and Other Sponsored Research and Development (contd)**

\$19,748.00 - from General Electric, Cincinnati, Ohio, for "Advanced Titanium Weldability," under the direction of the department of Welding Engineering for the period April 1, 1989 through December 10, 1990. (529802, Ext. 2)

\$15,000.00 - from various industry for support of a fellowship in the Engineering Research Center for Net Shape Manufacturing under the direction of the Engineering Experiment Station. (529202)

\$14,000.00 - from the American Society of Mechanical Engineers, New York, New York, for "Editing Services - Journal of Mechanisms, Transmission & Automation in Design," under the direction of the department of Mechanical Engineering for the period December 1, 1987 through June 30, 1990. (312441, Ext. 2)

\$14,000.00 - from the American Society of Mechanical Engineers, New York, New York, for "Editing Services - Journal of Mechanisms, Transmission & Automation in Design," under the direction of the department of Mechanical Engineering for the period July 1, 1990 through June 30, 1991. (529865)

\$12,050.00 - additional budget from McDonnell Douglas Corporation, St. Louis, Missouri, for "Ultrasonic Welding of Peek/Graphic Composites with Uterm Polyetherimide Film on Surface," under the direction of the department of Welding Engineering for the period December 15, 1989 through December 31, 1990. (529830, Ext. 2)

\$11,245.00 - from eight sponsors of 11 development projects in three departments/research areas of the College.

\$10,000.00 - from various industry for associate membership in the Engineering Research Center for Net Shape Manufacturing under the direction of the Engineering Experiment Station. (529200)

\$7,770.00 - from Embassy of Arab Republic of Egypt, Washington, DC, for "Peace Fellow - Medhat Sowelem #3775," under the direction of the department of Civil Engineering for the period September 1, 1990 through June 30, 1990. (312555)

\$7,200.00 - from General Electric, Cincinnati, Ohio, for "Model Test Cell Testing of Existing TAP Portugal Model with Variations," under the direction of the department of Aeronautical and Astronautical Engineering for the period September 1, 1990 through December 31, 1990. (312551)

\$7,000.00 - from various industry for membership in the Gear Research Laboratory under the direction of the department of Mechanical Engineering. (529735)

\$4,200.00 - from General Electric, Cincinnati, Ohio, for "Refurbish Old Belmouth," under the direction of the department of Aeronautical and Astronautical Engineering for the period December 1, 1986 through December 31, 1990. (312895, Ext. 6)

**TOTAL - INDUSTRIAL AND OTHER SPONSORED RESEARCH** **\$ 477,690.00**

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND**

**Establishment of Named Funds**

**The John H. and Mildred C. Lumley  
Medical Research Endowment Fund**

The John H. and Mildred C. Lumley Medical Research Endowment Fund was established December 6, 1990, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from the estates of John H. Lumley (B.Cer.E. '27) and Mildred C. Lumley (B.S. Soc. Admin. '24) of Belleair, Florida.

All gifts are to be invested in the University's permanent endowment fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used for medical research through the facilities of the College of Medicine with a preference, in sequential order, for research of diseases of the heart, cancer and arthritis. In the event a professorship or chair in these areas becomes necessary, this fund may be used to establish a professorship or chair in the name of John H. and Mildred C. Lumley.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donors.

**The John H. and Mildred C. Lumley Engineering Endowment Fund**

The John H. and Mildred C. Lumley Engineering Endowment Fund was established December 6, 1990, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from the estates of John H. Lumley (B.Cer.E. '27) and Mildred C. Lumley (B.S. Soc. Admin. '24) of Belleair, Florida.

All gifts are to be invested in the University's permanent endowment fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The primary objective of The John H. and Mildred C. Lumley Engineering Endowment Fund will be to promote and enhance engineering research within the College of Engineering. To this end, the annual income may be used selectively to support faculty research, undergraduate scholarships, graduate fellowships, and other research-related programs. Student recipients will be named annually, but may be eligible to compete for renewed awards. The use of all income will be left to the discretion of the Dean of the College of Engineering and when awarding undergraduate scholarships, in consultation with the University Committee on Student Financial Aid.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donors.

December 6, 1990 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Establishment of Named Funds (contd)**

**The Webster Robinson and Frank and Catherine Carrier  
Cancer Research Endowment Fund**

The Webster Robinson and Frank and Catherine Carrier Cancer Research Endowment Fund for The Arthur G. James Cancer Hospital and Research Institute was established December 6, 1990, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from the estate of Helen Robinson.

All gifts are to be invested in the University's permanent endowment fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used in full primarily to support cancer research in The Arthur G. James Cancer Hospital and Research Institute as approved by the Director of the Cancer Research Institute and the Vice President for Health Services.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the Director of The Arthur G. James Cancer Hospital and Research Institute and the Vice President for Health Services in order to carry out the desire of the donor.

**The Dr. William D. Cunningham and Anna R. Cunningham Fund**

The Dr. William D. Cunningham and Anna R. Cunningham Fund was established December 6, 1990, by the Board of Trustees of The Ohio State University, with a gift to The Ohio State University Development Fund from the estate of Dr. William D. and Anna R. Cunningham.

All gifts are to be invested in the University's permanent endowment fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used as the Board of Trustees of The Ohio State University shall deem expedient for the study of the treatment and/or the cure of diabetes.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

**The Marion Spurrier Yengling Medical Research Fellowship**

The Marion Spurrier Yengling Medical Research Fellowship was established December 6, 1990, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from the estate of Marion Spurrier Yengling (B.S.Ed. '27) in memory of Edward W. Barrett (J.D. '27).

December 6, 1990 meeting, Board of Trustees

## **REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

### **THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

#### **Establishment of Named Funds (contd)**

##### **The Marion Spurmer Yengling Medical Research Fellowship (contd)**

All gifts are to be invested in the University's permanent endowment fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used exclusively for medical research by a Fellow in Hematology and Oncology. Leukemia research is to be the first consideration, as long as necessary. Should the need for this research cease to exist, then the income may be used for any research dealing with the diseases of the blood.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

##### **The Jerome Lawrence and Robert E. Lee Theatre Research Institute Endowment Fund**

The Jerome Lawrence and Robert E. Lee Theatre Research Institute Endowment Fund was established December 6, 1990, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from Jerome Lawrence (B.A. '37), Robert E. Lee, and friends and supporters of the Institute.

All gifts are to be invested in the University's permanent endowment fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide support for (a) the position of curator, (b) acquisition and preservation of the collection, and (c) the operation and administration of The Jerome Lawrence and Robert E. Lee Theatre Research Institute.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donors.

##### **The Dr. Leslie Kasdorf Cramer Endowed Memorial Scholarship Fund**

The Dr. Leslie Kasdorf Cramer Endowed Memorial Scholarship Fund was established December 6, 1990, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from Mr. and Mrs. Donald L. Kasdorf of Venice, Florida.

All gifts are to be invested in the University's permanent endowment fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Establishment of Named Funds (contd)**

**The Dr. Leslie Kasdorf Cramer Endowed Memorial Scholarship Fund (contd)**

The annual income shall be used to provide one or more scholarship awards to third and fourth year students enrolled in The Ohio State University College of Veterinary Medicine pursuing a degree of Doctor of Veterinary Medicine. The selection of the scholarship recipient(s) shall be made by the Dean of the College of Veterinary Medicine in consultation with the University Committee on Student Financial Aid and in conjunction with the donors or the surviving donor or their representative. All scholarship awards shall be based on financial need. The amount of the scholarship award shall be at the discretion of the Dean of the College of Veterinary Medicine and may be used to offset any educational expense incurred by the student while enrolled in the College of Veterinary Medicine.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donors.

**The John H. and Ruth W. Melvin Endowment Fund**

The John H. and Ruth W. Melvin Endowment Fund was established December 6, 1990, by the Board of Trustees of The Ohio State University, with a gift to The Ohio State University Development Fund from John L. Melvin, M.D., in memory of his parents, John and Ruth Melvin.

All gifts are to be invested in the University's permanent endowment fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to support programs of education and research with the Department of Physical Medicine as designated by the chairperson of the department.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

**The Clara and Cal Prine Classical Music Broadcast Fund**

The Clara and Cal Prine Classical Music Broadcast Fund was established December 6, 1990, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from Clara and Cal Prine of Granville, Ohio.

All gifts are to be invested in the University's permanent endowment fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

December 6, 1990 meeting, Board of Trustees

## **REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

### **THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

#### **Establishment of Named Funds (contd)**

##### **The Clara and Cal Prine Classical Music Broadcast Fund (contd)**

The annual income shall be used at the discretion of the station manager of WOSU-FM for support of classical music broadcasting at The Ohio State University.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donors.

#### **Change in Name and Description of Named Fund**

##### **The Medicine Class of 1941 Fund**

The Medicine Class of 1941 was established February 1, 1980, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from the Class of 1941 College of Medicine Alumni. The name and description were revised December 6, 1990.

All gifts are to be invested in the University's permanent endowment fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

Each academic year the annual income shall be available to support or help to support a single project in the College of Medicine, such as a research program, scholarships for students or trainees, or medical education innovations, as selected by and/or approved by the Dean of the College of Medicine. This support shall be made in the name of the Class of 1941 College of Medicine Alumni. Income not used in a given year as provided for the above shall be added to the principal of The Medicine Class of 1941 Fund.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the Dean of the College of Medicine in order to carry out the desire of the donors.

#### **Change in Description of Named Fund**

##### **The Wright Memorial Steel Castings Educational Fund**

The Wright Memorial Steel Castings Educational Fund was established April 11, 1968, by the Board of Trustees of The Ohio State University, with a gift to The Ohio State University Development Fund from George T. Wright (B.I.E. '32) in memory of his father and mother, Frank G. and Christine M. Wright, his brother, Walter F. Wright, and his wife, Janet Hardin Wright. The description was revised December 6, 1990.

December 6, 1990 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Change in Description of Named Fund (contd)**

**The Wright Memorial Steel Castings Educational Fund (contd)**

All gifts are to be invested in the University's permanent endowment fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used by the Department of Industrial and Systems Engineering to support research, teaching and faculty development in the areas of metal castings. The annual income may also be used to support an undergraduate or graduate student in the conduct of an industrial engineering of systems analysis or a problem relevant to the casting of metals or composites, including travel to industrial sites or professional meetings.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

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**REQUEST FOR CONSTRUCTION BIDS**

Resolution No. 91-69

**OHIO STADIUM BLEACHER ADDITION**

Synopsis: The Fiscal Affairs Committee recommended authorization to request construction bids for the Ohio Stadium Bleacher Addition project.

WHEREAS the Department of Athletics desires to increase the portable seating in the south end of the Ohio Stadium from 7,800 to 13,500; and

WHEREAS Phase I of this project will provide for a five-year lease of additional bleachers, and Phase II of this project will provide all site work associated with bleacher installation, including additional paving, water and sewer connections, fencing and gates, and electrical service; and

WHEREAS the total estimated Phase I cost of this project is \$683,100.00 for the first year and \$550,000.00 per year for years two through five of the lease period, and the total estimated Phase II cost of this project is \$180,000.00, with the estimated Phase II construction cost being \$150,000.00, with funding for the project provided by the Department of Athletics:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Acting Vice President for Business and Administration be authorized to request construction bids on this project in accordance with established University procedures, and if satisfactory bids are received, to award contracts, with all actions to be reported to this Board at the appropriate time.

December 6, 1990 meeting, Board of Trustees

**REQUEST FOR CONSTRUCTION BIDS (contd)**

**OHIO STADIUM BLEACHER ADDITION (contd)**

Upon motion of Mr. Teaford, seconded by Mr. Kessler, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix XXXIX for background material, page 697.)

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**EMPLOYMENT OF ARCHITECTS/ENGINEERS AND  
REQUEST FOR CONSTRUCTION BIDS**

Resolution No. 91-70

**ALUMNI HOUSE ADDITION - FAWCETT CENTER;  
MEDICAL LOGISTICAL SERVICES FACILITY EXPANSION; AND  
WISEMAN HALL - MEDICAL RESEARCH FACILITY**

**Synopsis:** The Fiscal Affairs Committee recommended authorization to employ architects/engineers and request construction bids for the Alumni House Addition - Fawcett Center, the Medical Logistical Services Facility Expansion, and the Wiseman Hall - Medical Research Facility projects.

**WHEREAS** The Ohio State University Alumni Association, currently housed in the east wing of the Fawcett Center for Tomorrow, requires additional space to meet foreseeable future needs; and

**WHEREAS** the first portion of this project will provide a study of the space needs and preparation of promotional materials for gift solicitation; and

**WHEREAS** the subsequent portion of the project will provide for design and construction of an addition to the building to meet the space needs defined by the study, with the building addition to be owned by the University but occupied by the Association under a long-term lease; and

**WHEREAS** the total estimated cost of this project is \$3,800,000.00, with the estimated construction cost being \$2,700,000.00, with actual costs to be ascertained following the study and with funds for the study and promotional materials provided from Alumni Association funds and funds for design and construction provided from gifts raised by the Association; and

**WHEREAS** the Medical Logistical Services Facility Expansion will provide expanded space for the Surgical Intensive Care Unit and associated support space as an addition to the existing Medical Logistics Facility and Doan Hall; and

**WHEREAS** the total estimated project cost is \$10,017,600.00, with the estimated construction cost being \$7,900,000.00, with funding provided from University Hospitals; and

**WHEREAS** the College of Medicine requires additional research facilities, particularly for the Clinical Departments; and

**WHEREAS** Wiseman Hall can accommodate additional contiguous space to meet these needs; and

December 6, 1990 meeting, Board of Trustees

**EMPLOYMENT OF ARCHITECTS/ENGINEERS AND  
REQUEST FOR CONSTRUCTION BIDS (contd)**

**ALUMNI HOUSE ADDITION - FAWCETT CENTER;  
MEDICAL LOGISTICAL SERVICES FACILITY EXPANSION; AND  
WISEMAN HALL - MEDICAL RESEARCH FACILITY (contd)**

WHEREAS funds in the amount of \$6,000,000.00 will be provided for the first phase of construction from contributions pledged by the Central Practice Groups of the Clinical Departments:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Acting Vice President for Business and Administration be authorized to select qualified architectural/engineering firms as necessary for these projects and that the fees for these services be negotiated between the firms selected and the University; and

BE IT FURTHER RESOLVED, That the President and/or Acting Vice President for Business and Administration be authorized to request construction bids on these projects in accordance with established University procedures, and if satisfactory bids are received, to award contracts, with all actions to be reported to this Board at the appropriate time.

Mr. Teaford:

Since we have the biggest and the best Alumni Association and it needs more space, I will entertain a motion.

Upon motion of Mr. Teaford, seconded by Mr. Shumate, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix XL for background material, page 699.)

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**EMPLOYMENT OF ARCHITECTS/ENGINEERS**

Resolution No. 91-71

**UTILITY MASTER PLAN**

Synopsis: The Fiscal Affairs Committee recommended authorization to employ architects/engineers for the Utility Master Plan project.

WHEREAS this project will employ an architectural/engineering firm to evaluate all campus utility systems and propose an orderly, cost effective capital plan to ensure availability of appropriate utility services to the campus for the next twenty years; and

WHEREAS the total estimated cost of the master plan is \$450,000.00, with funding provided from the Department of Physical Facilities:

NOW THEREFORE

December 6, 1990 meeting, Board of Trustees

**EMPLOYMENT OF ARCHITECTS/ENGINEERS (contd)**

**UTILITY MASTER PLAN (contd)**

BE IT RESOLVED, That the President and/or Acting Vice President for Business and Administration be authorized to select qualified architectural/engineering firms as necessary for this project and that the fees for these services be negotiated between the firms selected and the University.

Upon motion of Mr. Teaford, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix XLI for background material, page 701.)

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**REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS**

Resolution No. 91-72

**CAMPUS ENERGY CONTROLS (HVAC SYSTEMS);  
CHILLER REPLACEMENTS (CIVIL AND AERONAUTICAL  
ENGINEERING BUILDING);  
OARDC SUPPORT FACILITIES - BARN REPLACEMENT;  
OARDC - FISHER AUDITORIUM ROOF AND  
OARDC PHYSICAL PLANT BUILDING ROOF; AND  
WINDOW REPLACEMENTS (ROBINSON LABORATORY AND COCKINS HALL)**

Synopsis: The Fiscal Affairs Committee recommended the Report of Award of Contracts and the Establishment of Contingency Funds for the Campus Energy Controls (HVAC Systems), Chiller Replacements (Civil and Aeronautical Engineering Building), OARDC Support Facilities - Barn Replacement, OARDC - Fisher Auditorium Roof and OARDC - Physical Plant Building Roof, and Window Replacements (Robinson Laboratory and Cockins Hall) projects.

WHEREAS a resolution adopted by the Board of Trustees on July 11, 1986, authorized the President and/or Vice President for Business and Administration to request construction bids in accordance with established University procedures, and if satisfactory bids were received, to award contracts for the following project: OARDC Support Facilities - Barn Replacement; and

WHEREAS resolutions adopted by the Board of Trustees on May 4, 1989, authorized the President and/or Vice President for Business and Administration to request construction bids in accordance with established State of Ohio and University procedures, and if satisfactory bids were received, to recommend the award of contracts for the following projects: Campus Energy Controls (HVAC Systems), Chiller Replacements (Civil and Aeronautical Engineering Building), and Window Replacements (Robinson Laboratory and Cockins Hall); and

WHEREAS a resolution adopted by the Board of Trustees on September 7, 1990, authorized the President and/or Acting Vice President for Business and Administration to request construction bids in accordance with State of Ohio and University procedures, and if satisfactory bids were received, to recommend the award of contracts for the following project: OARDC - Fisher Auditorium Roof and OARDC - Physical Plant Building Roof:

NOW THEREFORE

December 6, 1990 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

**CAMPUS ENERGY CONTROLS (HVAC SYSTEMS);  
CHILLER REPLACEMENTS (CIVIL AND AERONAUTICAL  
ENGINEERING BUILDING);  
OARDC SUPPORT FACILITIES - BARN REPLACEMENT;  
OARDC - FISHER AUDITORIUM ROOF AND  
OARDC PHYSICAL PLANT BUILDING ROOF; AND  
WINDOW REPLACEMENTS (ROBINSON LABORATORY AND COCKINS HALL) (contd)**

BE IT RESOLVED, That pursuant to the actions previously authorized by the Board and upon the recommendation of the Fiscal Affairs Committee, the Report of Award of Contracts and Establishment of Contingency Funds for the Campus Energy Controls (HVAC Systems), Chiller Replacements (Civil and Aeronautical Engineering Building), OARDC Support Facilities - Barn Replacement, OARDC - Fisher Auditorium Roof and OARDC - Physical Plant Building Roof, and Window Replacements (Robinson Laboratory and Cockins Hall) projects is hereby approved.

Upon motion of Mr. Teaford, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix XLII for background material and tabulation of bids, page 703.)

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**SALE OF REAL PROPERTY**

Resolution No. 91-73

**67.26 ACRES IN GALLIA COUNTY, OHIO**

Synopsis: The Fiscal Affairs Committee recommended the sale of approximately 67.26 acres of unimproved real property located in Morgan Township in Gallia County, Ohio.

WHEREAS in December 1986, the Board of Trustees acquired by gift from Vaughn and Frieda Siegenthaler approximately 67.26 acres of unimproved real property located in Morgan Township of Gallia County, Ohio; and

WHEREAS under the terms of this gift, the property is to be sold, with the net proceeds used to support the College of Agriculture; and

WHEREAS the appraised value of this property is \$17,000.00, and Allen C. Wood has offered to purchase the property for this amount; and

WHEREAS the appropriate University offices have determined that this sale of the property is in the best interest of the University and it is the desire of this Board to accept the offer of Allen C. Wood and to sell all the Board's right, title, and interest in this property:

NOW THEREFORE

**SALE OF REAL PROPERTY (contd)**

67.26 ACRES IN GALLIA COUNTY, OHIO (contd)

BE IT RESOLVED, that the president and/or Acting Vice President for Business and Administration be authorized, in the name of the Board of Trustees of The Ohio State University, to sell all the University's right, title, and interest in this property to Allen C. Wood, at a price of \$17,000.00 upon such terms and conditions as are deemed to be in the best interest of the University.

Upon motion of Mr. Teaford, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix XLIII for background material and map, page 715.)

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**SALE OF REAL PROPERTY**

Resolution No. 91-74

92.6 ACRES ON HARRISBURG PIKE  
COLUMBUS, OHIO

Synopsis: The Fiscal Affairs Committee recommended the sale of approximately 92.6 acres of unimproved real property located on Harrisburg Pike in Columbus, Ohio.

WHEREAS in December 1986, the Board of Trustees of The Ohio State University acquired by gift from Mr. Leonard J. Immke, Jr., approximately 92.6 acres of unimproved real property located on the east side of Harrisburg Pike near the intersection of Briggs Road in Columbus, Ohio; and

WHEREAS under the terms of this gift, the property is to be sold, and this gift is being used to support the Leonard J. Immke, Jr., and Charlotte L. Immke Chair in Cancer Research to support the work of a distinguished researcher in The Arthur G. James Cancer Hospital and Research Institute; and

WHEREAS the appraised value of this property is \$278,000.00 and Foxboro Communities, Inc., has offered to purchase the property for \$300,000.00; and

WHEREAS the appropriate University officials have determined that this sale of the property is in the best interest of the University and it is the desire of this Board to accept the offer of Foxboro Communities and to sell all of the Board's right, title, and interest in and to this property:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Acting Vice President for Business and Administration be authorized, in the name of the Board of Trustees of The Ohio State University, to sell all of the University's right, title, and interest in this property to Foxboro Communities, Inc., at a price of \$300,000.00 upon such terms and conditions as are deemed to be in the best interest of the University.

December 6, 1990 meeting, Board of Trustees

**SALE OF REAL PROPERTY (contd)**

**92.6 ACRES ON HARRISBURG PIKE  
COLUMBUS, OHIO (contd)**

Upon motion of Mr. Teaford, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix XLIV for background material and map, page 719.)

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**AUTHORIZATION OF THE EXECUTION OF STANDBY BOND PURCHASE AGREEMENTS  
RELATING TO THE VARIABLE RATE DEMAND GENERAL RECEIPTS BONDS, SERIES 1985  
B AND SERIES 1986 B OF THE OHIO STATE UNIVERSITY**

Resolution No. 91-75

Synopsis: The Fiscal Affairs Committee recommended providing for the execution of the Standby Bond Purchase Agreement, dated as of December 6, 1990 Regarding The Ohio State University \$42,500,000 Variable Rate Demand General Receipts Bonds, Series 1985 B (the "New Series 1985 B Standby Bond Purchase Agreement"), by and between The Ohio State University (the "University") and National Westminster Bank PLC, acting by and through its New York Branch ("National Westminster Bank"), and the Standby Bond Purchase Agreement dated as of December 6, 1990 Regarding The Ohio State University \$45,000,000 Variable Rate Demand General Receipts Bonds, Series 1986 B (the "New Series 1986 B Standby Bond Purchase Agreement"), by and between the University and National Westminster Bank, for the purpose of replacing the Standby Bond Purchase and Term Loan Agreement, dated as of December 30, 1985 (the "Original Series 1985 B Standby Bond Purchase Agreement"); Restated Standby Bond Purchase and Term Loan Agreement, dated as of December 1, 1986 (the "Restated Standby Bond Purchase Agreement"); Amendment, Waiver and Assumption Agreement, dated as of March 1, 1988 (the "Assumption Agreement"); Standby Bond Purchase Agreement, dated as of August 1, 1986 (the "Original Series 1986 B Standby Bond Purchase Agreement") and Amended Standby Bond Purchase Agreement, dated as of August 1, 1986 (the "Amended Standby Bond Purchase Agreement"), thereby replacing The Industrial Bank of Japan, Limited, Chicago Branch with the National Westminster Bank as the liquidity facility for the Series 1985 B Bonds and replacing The Fuji Bank, Limited with the National Westminster Bank as the liquidity facility for the Series 1986 B Bonds.

WHEREAS The Ohio State University, a state university of the State of Ohio created and existing under Chapter 3335 of the Ohio Revised Code (the "University") by resolution adopted by its Board of Trustees (the "Board") on November 1, 1985 (the "Series 1985 A Bond Resolution") and by a Trust Indenture (the "Original Indenture") dated as of November 15, 1985 between the University and The Huntington National Bank, a national banking association, with its principal place of business located in Columbus, Ohio (the "Trustee") has provided for the issuance from time to time of General Receipts Bonds of the University (the "Bonds"), with each such issue to be authorized by a Series Resolution (as defined in the Original Indenture) adopted by the Board pursuant thereto; and

WHEREAS the University has heretofore issued pursuant to the Series 1985 A Bond Resolution, the Series 1985 B Bond Resolution, adopted by the Board on December 6, 1985 (the "Series 1985 B Bond Resolution"), the Original Indenture and the First Supplemental Indenture, dated as of December 30, 1985 (the "First Supplemental Indenture") between the University and the Trustee, the \$42,500,000 The Ohio State University Variable Rate Demand General Receipts Bonds, Series 1985 B (the "Series 1985 B Bonds") (\$26,100,000 principal amount currently outstanding); and

**AUTHORIZATION OF THE EXECUTION OF STANDBY BOND PURCHASE AGREEMENTS RELATING TO THE VARIABLE RATE DEMAND GENERAL RECEIPTS BONDS, SERIES 1985 B AND SERIES 1986 B OF THE OHIO STATE UNIVERSITY (contd)**

WHEREAS the University has issued pursuant to the Series 1986 A Bond Resolution adopted by the Board on July 11, 1986 (the "Series 1986 A Bond Resolution"), the Series 1986 B Bond Resolution, adopted by the Board on July 11, 1986 (the "Series 1986 B Bond Resolution"), the Original Indenture and the Third Supplemental Indenture, dated as of August 1, 1986 (the "Third Supplemental Indenture"), between the University and the Trustee, The Ohio State University General Receipts Bonds Series 1986 B (the "Series 1986 B Bonds") in a principal amount equal to \$45,000,000 (\$42,400,000 principal amount currently outstanding); and

WHEREAS subsequent to sale of the Series 1985 B Bonds and the sale of the 1986 Series B Bonds, Moody's Investors Service, Inc. ("Moody's") instituted new rating criteria; and

WHEREAS for the purpose of complying with Moody's new rating criteria, the Board adopted a Resolution No. 87-70 on December 5, 1986 (the "Series 1985 B Amendment Resolution") authorizing the execution and delivery of the Amendment Agreement dated as of August 1, 1986 (the "Amendment Agreement"); and

WHEREAS for the purpose of complying with Moody's new rating criteria, the Board adopted a Resolution No. 87-71 on December 5, 1986 (the "Series 1986 B Amendment Resolution") authorizing the execution and delivery of the Amended Third Supplemental Indenture dated as of August 1, 1986 (the "Amended Third Supplemental Indenture"); and

WHEREAS pursuant to the terms of the First Supplemental Indenture, the Series 1985 B Bond Resolution and the Amendment Agreement, owners of the Series 1985 B Bonds have the option to tender and may be required to tender Series 1985 B Bonds for repurchase at the times specified in the First Supplemental Indenture, the Series 1985 B Bond Resolution and the Amendment Agreement at a price equal to the principal amount of the tendered Series 1985 B Bonds plus interest accrued to the purchase date; and

WHEREAS pursuant to the terms of the Amended Third Supplemental Indenture and the Series 1986 B Bond Resolution, owners of the Series 1986 B Bonds have the option to tender and may be required to tender Series 1986 B Bonds for repurchase at the times specified in the Amended Third Supplemental Indenture and the Series 1986 B Bond Resolution at a price equal to the principal amount of the tendered Series 1986 B Bonds plus interest accrued to the purchase date; and

WHEREAS heretofore The Industrial Bank of Japan, Limited, New York Branch, provided liquidity for the purchase of the Series 1985 B Bonds tendered for purchase pursuant to the Amended Third Supplemental Indenture, the Series 1985 B Bond Resolution and the Amendment Agreement, to the extent that the Remarketing Agent was unable to otherwise remarket such Bonds, pursuant to the Original Series 1985 B Standby Bond Purchase Agreement, the Restated Standby Bond Purchase Agreement and, subsequently, but nonetheless heretofore, The Industrial Bank of Japan, Limited, Chicago Branch, provided such liquidity pursuant to the Assumption Agreement (the Original Series 1985 B Standby Bond Purchase Agreement, Restated Standby Bond Purchase Agreement and Assumption Agreement collectively referred to as the "Original Series 1985 B Agreements"); and

December 6, 1990 meeting, Board of Trustees

**AUTHORIZATION OF THE EXECUTION OF STANDBY BOND PURCHASE AGREEMENTS  
RELATING TO THE VARIABLE RATE DEMAND GENERAL RECEIPTS BONDS, SERIES 1985  
B AND SERIES 1986 B OF THE OHIO STATE UNIVERSITY (contd)**

WHEREAS the University presently desires to replace the Original Series 1985 B Agreements with the New Series 1985 B Standby Bond Purchase Agreement, pursuant to which the National Westminster Bank will provide liquidity for the purchase of the Series 1985 B Bonds tendered for purchase pursuant to the Amended Third Supplemental Indenture, the Series 1985 B Bond Resolution and the Amended Agreement, to the extent that the Remarketing Agent is unable to otherwise remarket such Bonds; and

WHEREAS heretofore The Fuji Bank, Limited, acting through its Chicago Branch, Chicago, Illinois ("Fuji Bank") provided liquidity for the purchase of the Series 1986 B Bonds tendered for purchase pursuant to the Amended Third Supplemental Indenture and the Series 1986 B Bond Resolution, to the extent that the Remarketing Agent was unable to otherwise remarket such Bonds, pursuant to the Original Series 1986 B Standby Bond Purchase Agreement and Amended Standby Bond Purchase Agreement (the Original Series 1986 B Standby Bond Purchase Agreement and Amended Standby Bond Purchase Agreement collectively referred to as the "Original Series 1986 B Agreements"); and

WHEREAS the University presently desires to replace the Original Series 1986 B Agreements with the New Series 1986 B Standby Bond Purchase Agreement, pursuant to which the National Westminster Bank will provide liquidity for the purchase of the Series 1986 B bonds tendered for purchase pursuant to the Amended Third Supplemental Indenture and the Series 1986 B Bond Resolution, to the extent that the Remarketing Agent is unable to otherwise remarket such Bonds:

NOW THEREFORE

BE IT RESOLVED BY THE BOARD OF TRUSTEES OF THE OHIO STATE UNIVERSITY, AS FOLLOWS:

Section 1. Definitions And Interpretations. All words and terms defined in the Series 1985 A Bond Resolution, Original Indenture, Series 1985 B Bond Resolution, First Supplemental Indenture, Series 1986 B Bond Resolution, Third Supplemental Indenture, Series 1985 B Amendment Resolution, Amendment Agreement, Series 1986 B Amendment Resolution, Amended Third Supplemental Indenture, Series 1985 B Standby Bond Purchase Agreement, Restated Standby Bond Purchase Agreement, Assumption Agreement, New Series 1985 B Standby Bond Purchase Agreement, Series 1986 B Standby Bond Purchase Agreement, Amended Standby Bond Purchase Agreement and New Series 1986 B Standby Bond Purchase Agreement and all interpretations therein provided shall have in this Resolution the same meanings, respectively, and be subject to the same interpretations as therein provided or used, except to the extent defined herein and unless the context or use clearly indicates another or different meaning or intent.

Section 2. New Series 1985 B Standby Bond Purchase Agreement. The form of the New Series 1985 B Standby Bond Purchase Agreement on file with the Secretary of the Board is hereby approved, together with any changes therein and completions thereof which are not inconsistent with this Resolution and not substantially adverse to the University, and as are approved on behalf of the University by the Treasurer. The approval on behalf of the University of those changes and completions by the Treasurer, and the status of those changes as not substantially adverse to the University, shall be conclusively evidenced by the execution of the New Series 1985 B Standby Bond Purchase Agreement on behalf of the University by the Treasurer. In addition, the Treasurer is hereby authorized to approve on behalf of the University any amendments to any existing indentures or other documents, as well as to execute on behalf

**AUTHORIZATION OF THE EXECUTION OF STANDBY BOND PURCHASE AGREEMENTS  
RELATING TO THE VARIABLE RATE DEMAND GENERAL RECEIPTS BONDS, SERIES 1985  
B AND SERIES 1986 B OF THE OHIO STATE UNIVERSITY (contd)**

of the University any supplemental indentures, pledge agreements or any other documents, in connection with the Series 1985 B Bonds appropriate or necessary to effect the replacement of the Original Series 1985 B Bond Agreements with the New Series 1985 B Standby Bond Purchase Agreement and which are not inconsistent with this Resolution and not substantially adverse to the University. The approval on behalf of the University of those amendments, supplemental indentures, pledge agreements or other documents by the Treasurer, and the status of such as not substantially adverse to the University, shall be conclusively evidenced by the execution of such amendments, supplemental indentures, pledge agreements or other documents on behalf of the University by the Treasurer. In addition, the Treasurer is hereby authorized to take any other actions which the Treasurer deems are necessary or appropriate to effect the replacement of the Original Series 1985 B Bond Agreements.

Section 3. New Series 1986 B Standby Bond Purchase Agreement. The form of the New Series 1986 B Standby Bond Purchase Agreement on file with the Secretary of the Board is hereby approved, together with any changes therein and completions thereof which are not inconsistent with this Resolution and not substantially adverse to the University and as are approved on behalf of the University by the Treasurer. The approval on behalf of the University of those changes and completion by the Treasurer, and the status of those changes as not substantially adverse to the University, shall be conclusively evidenced by the execution of the New Series 1986 B Standby Bond Purchase Agreement on behalf of the University by the Treasurer. In addition, the Treasurer is hereby authorized to approve on behalf of the University any amendments to any existing indentures or other documents, as well as to execute on behalf of the University any supplemental indentures, pledge agreements or any other documents to be executed in connection with the Series 1986 B Bonds appropriate or necessary to effect the replacement of the Original Series 1986 B Bond Agreements with the New Series 1986 B Standby Bond Purchase Agreement and which are not inconsistent with this Resolution and not substantially adverse to the University. The approval on behalf of the University of those amendments, supplemental indentures, pledge agreements or other documents by the Treasurer, and the status of such as not substantially adverse to the University, shall be conclusively evidenced by the execution of such amendments, supplemental indentures, pledge agreements or other documents on behalf of the University by the Treasurer. In addition, the Treasurer is hereby authorized to take any other actions which the Treasurer deems are necessary or appropriate to effect the replacement of the Original Series 1985 B Bond Agreements.

Section 4. Carrying Out of Obligations Under New Series 1985 B Standby Bond Purchase Agreement and New Series 1986 B Standby Bond Purchase Agreement. The Treasurer is hereby authorized on behalf of the University to cause the obligations of the University under the New Series 1985 B Standby Bond Purchase Agreement and the New Series 1986 B Standby Bond Purchase Agreement to be carried out and performed including, but not limited to, the payment of fees and expenses to National Westminster Bank payable thereunder and the payment of an origination fee to The Huntington National Bank in an amount equal to one-sixteenth of one percent of the total of the bond purchase commitments under the New Series 1985 B Standby Bond Purchase Agreement and the New Series 1986 B Standby Bond Purchase Agreement.

Section 5. Text Of Resolution. The text of this Resolution authorizing the execution of the New Series 1985 B Standby Bond Purchase Agreement and the New Series 1986 B Standby Bond Purchase Agreement and related acts by the University may be changed for the purpose of curing any ambiguity, inconsistency or formal defect or omission in this Resolution or in respect of this Resolution, as it relates to the New Series 1985 B Standby Bond Purchase Agreement or the New Series 1986 B Standby Bond Purchase Agreement. Such

December 6, 1990 meeting, Board of Trustees

**AUTHORIZATION OF THE EXECUTION OF STANDBY BOND PURCHASE AGREEMENTS  
RELATING TO THE VARIABLE RATE DEMAND GENERAL RECEIPTS BONDS, SERIES 1985  
B AND SERIES 1986 B OF THE OHIO STATE UNIVERSITY (contd)**

changes shall be subject to the approval of the Treasurer as being changes not substantially adverse to the University or contrary to the true intent and meaning hereof and shall be acceptable to the Bond Counsel.

Section 6. Open Meeting Determination. It is found and determined that all formal actions of the Board concerning or relating to the adoption of this Resolution were adopted in an open meeting of the Board, and that all deliberations of the Board and of any of its committees that resulted in such formal action were in meetings open to the public, in compliance with all legal requirements including Section 121.22 of the Revised Code.

Section 7. Effective Date. This Resolution shall take effect and be enforced immediately upon its adoption.

Upon motion of Mr. Teaford, seconded by Mr. Celeste, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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Mr. Shkurti:

As you may have read in the past, the State has a budget problem projected for this current fiscal year ending June 30, of approximately \$260 million and the Governor has sent a proposal to the Legislature for dealing with this problem. Traditionally, the way the Legislature deals with a budget problem is by cutting appropriations to those who receive state money. Complicating the fact this time around is that the State does have a significant rainy day fund, so we don't know quite what the Legislature is going to do. The problem here at Ohio State, where we receive approximately \$300 million in State funds yearly, is if we wait too long and the cut comes later in the year, we only will have a couple of months to make it up and that becomes very difficult. On the other hand, we don't want to over react to this problem and inflict a lot of pain unnecessarily. So, as an initial measure a memo is going out today to all vice presidents and deans over my signature and Jim Nichols' signature, as head of Personnel, indicating that at the President's direction we are instituting some additional controls on hiring. Those controls will have exemptions for teaching positions and also for other selected areas such as patient care, people in the Hospitals, and people who bring money into the University.

The second element in this memorandum will be instruction to deans and vice presidents to carefully monitor, and we hope they do that anyway, other discretionary spending. The third element will be a discussion indicating that the deans and vice presidents and other elements of the University community should plan for some form of reallocation later this year or early next year -- not just to deal with the issue of possible state budget problems, but the issue of continuing to use our resources effectively here at Ohio State University. And we will work with those people on developing a reallocation plan that makes sense for the University.

In addition, we will continue to monitor what the State does so that we can stay flexible depending on what they do. As I said, this memorandum will go out today and I wanted to make sure that the Board knew we were doing this and why. Again, it is important that we don't be overly complacent in a time of fiscal stress, but at the same time not over react. And I think this memorandum, which has been discussed

December 6, 1990 meeting, Board of Trustees

Mr. Shkurti: (contd)

with the University Senate, deans, and other elements of the University community, is a way of balancing these two needs.

The other thing I feel I should say is that because this is a rather large University and what may be bad news in one context, there is other news sometimes that offsets it. The Board may recall at the last meeting I mentioned that we would get more income than we originally planned when we put the budget together last June, because enrollments were higher than anticipated. So, somehow that has to fit into the mix as well. We don't know what the numbers will be at this point in time, but by the time we do the mid-year review for you in February, hopefully we will have that worked out and have more information for you. That concludes my report, and I will be glad to answer any questions if there are any.

(See Appendix XLV for complete context of the Guidelines for Implementation of Budget Contingency Plans, page 723.)

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Mrs. Bowser:

I want to join President Gee in wishing all the members of the Board and University family a very happy holiday season. However, I have a second part to add. I would very much like to see Ohio State win in the Liberty Bowl, since I am going to Memphis and going to have a good time. I hope that the new year holds a big win for us all.

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Thereupon the Board adjourned to meet Friday, February 1, 1991, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio.

Attest:

Madison H. Scott  
Secretary

Shirley D. Bowser  
Chairperson

Page 670 Blank

**APPENDIX XXXV**

**THE OHIO STATE UNIVERSITY ENDOWMENT SUMMARY**  
**November 16, 1990**

**Presented to the Investments Committee and**  
**Adopted by the Board of Trustees, December 6, 1990**  
**(See page 622)**

**THE OHIO STATE UNIVERSITY**  
**ENDOWMENT FUND**

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**ENDOWMENT SUMMARY**

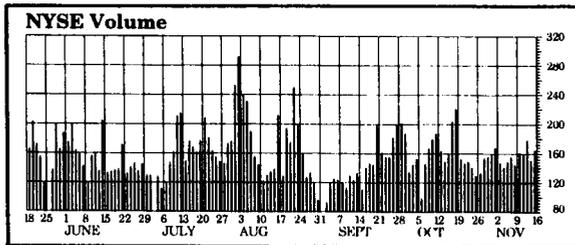
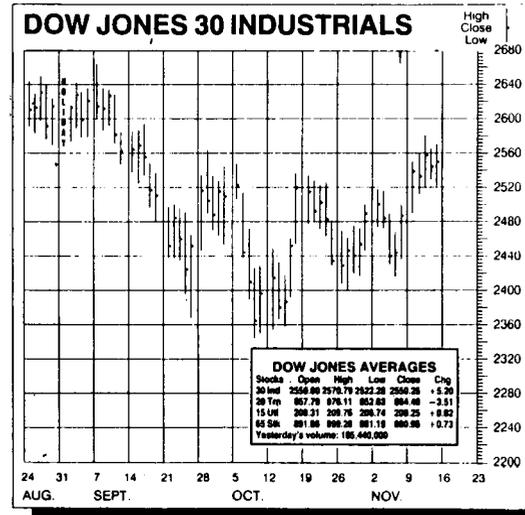
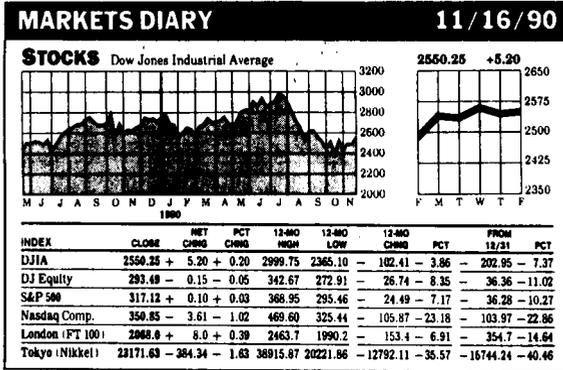
**November 16, 1990**

**Office of the Treasurer**



# The Ohio State University Endowment Fund

## Equity Market Information



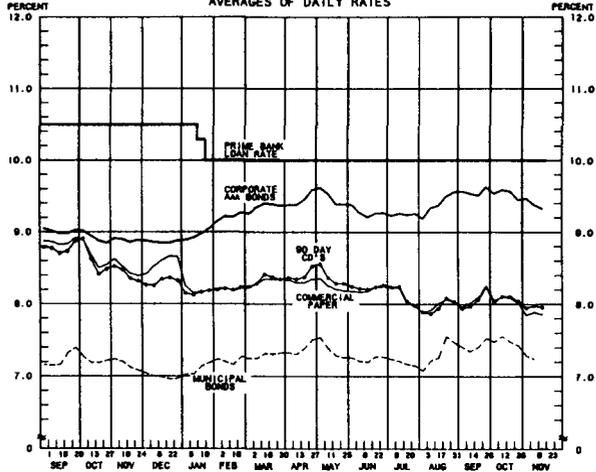
# The Ohio State University Endowment Fund

## Selected Yield and Interest Rates

674

### YIELDS ON SELECTED SECURITIES

AVERAGES OF DAILY RATES



LATEST DATA PLOTTED ARE AVERAGES OF RATES AVAILABLE FOR THE WEEK ENDING, NOVEMBER 16, 1980.

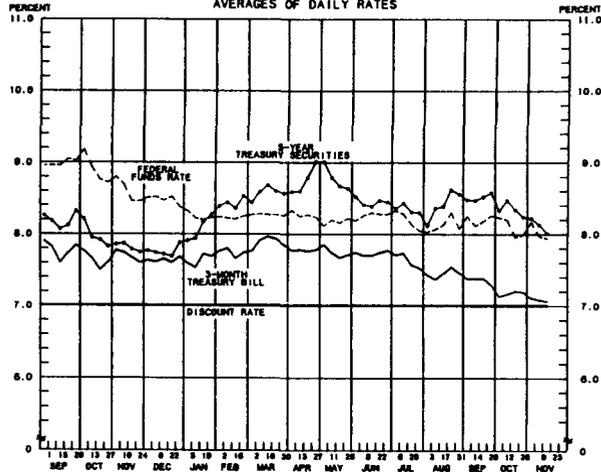
1980	90 DAY CD'S	30-DAY COMMERCIAL PAPER	90-DAY BANKERS' ACCEPTANCES	CORPORATE AAA BONDS	CORPORATE BAA BONDS	MUNICIPAL BONDS (RR)
SEP. 7	7.94	7.06	7.66	9.37	10.34	7.41
14	7.97	8.02	7.73	9.54	10.37	7.35
21	8.06	8.10	7.85	9.51	10.66	7.41
28	8.24	8.26	8.02	8.83	10.76	7.33
OCT. 5	8.02	8.06	7.90	9.54	10.63	7.48
12	8.11	8.10	7.97	9.59	10.74	7.48
19	8.11	8.09	7.92	9.57	10.79	7.48
26	8.03	8.02	7.82	9.45	10.75	7.43
NOV. 2	7.95	7.85	7.71	9.47	10.76	7.29
9	7.98	7.89	7.76	9.38	10.75	7.24
16 W	7.96	7.86	7.75	9.33	10.68	N.A.
23						
30						

NOTE: CURRENT DATA APPEAR IN THE BOARD OF GOVERNORS' H-15 RELEASE.  
 \* AVERAGES OF RATES AVAILABLE  
 \*\* BOND BUYER'S AVERAGE INDEX OF 20 MUNICIPAL BONDS, THURSDAY DATA  
 N.A. - NOT AVAILABLE

PREPARED BY FEDERAL RESERVE BANK OF ST. LOUIS

### SELECTED INTEREST RATES

AVERAGES OF DAILY RATES



LATEST DATA PLOTTED ARE AVERAGES OF RATES AVAILABLE FOR THE WEEK ENDING, NOVEMBER 16, 1980.

1980	FEDERAL FUNDS RR	3-MONTH TREASURY BILL	6-MONTH TREASURY BILL (RR)	1-YEAR TREASURY BILL	5-YEAR TREASURY SECURITIES	LONG-TERM TREASURY SECURITIES
SEP. 7	8.25	7.38	7.36	7.23	8.48	9.05
14	8.12	7.38	7.34	7.24	8.47	9.04
21	8.18	7.38	7.30	7.24	8.53	9.14
28	8.28	7.29	7.33	7.28	8.58	9.14
OCT. 5	8.23	7.18	7.21	7.07	8.33	8.87
12	8.20	7.18	7.21	7.12	8.47	9.07
19	7.96	7.20	7.22	7.09	8.34	8.82
26	7.99	7.19	7.18	7.02	8.24	8.82
NOV. 2	8.17	7.11	7.13	6.93	8.22	8.82
9	7.97	7.08	7.02	6.88	8.13	8.71
16 W	7.84	7.06	7.02	6.85	8.01	8.54
23						
30						

NOTE: CURRENT DATA APPEAR IN THE BOARD OF GOVERNORS' H-15 RELEASE EXCLUDING LONG-TERM TREASURY SECURITIES WHICH ARE COMPUTED BY THIS BANK. TREASURY BILL YIELDS ARE ON A DISCOUNT BASIS.  
 \* AVERAGES OF RATES AVAILABLE  
 \*\* 90-DAY AVERAGES FOR WEEK ENDING TWO DAYS EARLIER THAN DATE SHOWN  
 \*\*\* AUCTION AVERAGE (DISCOUNT)

PREPARED BY FEDERAL RESERVE BANK OF ST. LOUIS

**THE OHIO STATE UNIVERSITY  
Portfolio Summary**

	<u>11/16/90</u>	<u>10/19/90</u>	<u>6/30/90</u>
Unallocated Cash	\$8,516,412	\$23,144,104	\$26,394,640
<b>Equities:</b>			
Chicago	33,336,233	31,665,585	38,632,387
R. Meeder	9,821,764	9,695,750	13,001,471
Neuberger & Berman	12,413,284	12,005,851	14,170,710
Nicholas Applegate	17,863,992 [1]	12,628,411	15,494,958
Siebel	31,417,573	30,885,072	36,744,939
University Managed	25,283,211	24,696,968	33,379,715
University Students	4,901,753	4,802,041	5,622,381
Wells Fargo EAFE	7,977,683	8,449,318	9,088,214
Wells Fargo S&P 500	34,762,511 [2]	26,860,149	30,747,343
<b>Total Equities</b>	<u>177,780,004</u>	<u>161,609,145</u>	<u>196,882,118</u>
<b>Fixed Income:</b>			
Boatmen's Trust	28,488,484 [3]	27,472,970	23,329,632
Cambridge	0 [4]	896,848	921,596
Duff & Phelps	10,270,105	10,111,639	10,142,483
WR Lazard	14,979,818 [1]	9,850,097	9,888,684
STW Fixed Income	28,299,020 [3]	27,675,464	23,393,709
University GNMA	10,173,587	10,013,919	10,088,124
University Managed	185,113	205,710	269,044
<b>Total Fixed Income</b>	<u>92,394,127</u>	<u>88,226,647</u>	<u>78,053,252</u>
Real Estate	43,861,230	43,862,825	43,869,131
<b>TOTAL INVESTMENT POOL</b>	<u>\$322,551,773</u>	<u>\$314,842,721</u>	<u>\$345,199,141</u>
Less amounts invested for:			
University Foundation	(15,297,254)	(14,923,299)	(16,383,204)
Transportation Research Center	(3,823,606)	(3,755,130)	(6,935,639)
<b>TOTAL ENDOWMENT FUND</b>	<u>\$303,430,913</u>	<u>\$296,164,292</u>	<u>\$321,880,298</u>

Asset Allocation	<u>11/16/90</u>	<u>% of Portfolio</u>	<u>10/19/90</u>	<u>% of Portfolio</u>	<u>6/30/90</u>	<u>% of Portfolio</u>
Equities	\$182,992,548	50.53	\$147,118,954	46.73	\$183,764,582	53.23
Fixed Income	86,147,478	26.71	84,300,691	28.78	77,004,000	22.31
Real Estate	43,778,500	13.57	43,778,500	13.90	43,778,500	12.68
Cash	29,633,247	9.19	39,644,576	12.59	40,652,059	11.78
u	<u>\$322,551,773</u>	<u>100.00</u>	<u>\$314,842,721</u>	<u>100.00</u>	<u>\$345,199,141</u>	<u>100.00</u>

[1] Commitment increased \$5,000,000 on November 15, 1990.

[2] Commitment increased \$7,500,000 on November 15, 1990.

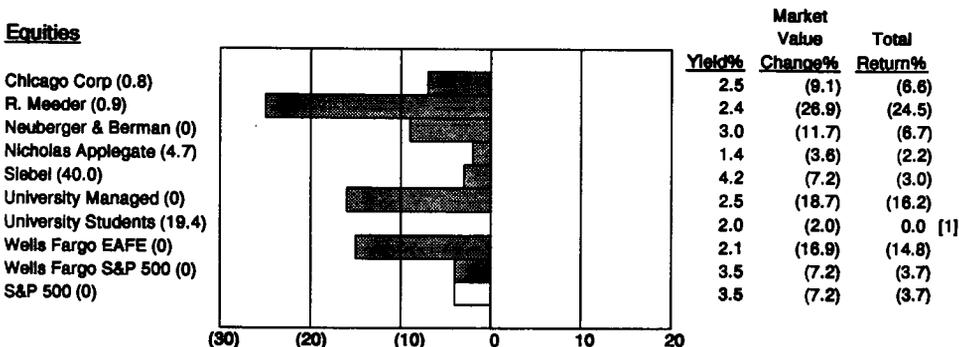
[3] Commitment increased \$5,000,000 on October 12, 1990.

[4] Investment Advisory Agreement terminated on November 15, 1990.

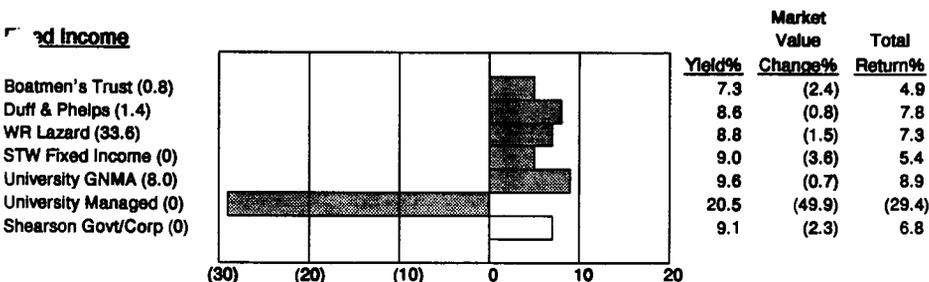
## THE OHIO STATE UNIVERSITY Endowment Performance Summary

### Estimated 12 Month Total Return

#### Equities



#### Fixed Income



( ) Percent Cash 11/16/90

[1] Reflects return from initial allocation February 20, 1990 only.

	Year to Date July 1, 1990 to November 16, 1990	Latest Month October 20, 1990 to November 16, 1990
<u>Change in Total Valuation</u>		
Beginning Market Value	\$321,880,298	\$296,164,292
Principal Additions	11,717,808	1,863,340
Principal Withdrawals	(108,477)	0
Income Reserve	(780,433)	0
Change in Market Value	<u>(29,278,283)</u>	<u>5,403,281</u>
Ending Market Value	<u>\$303,430,913</u>	<u>\$303,430,913</u>

NOTE: Endowment Income from July 1, 1990 through November 30, 1990 totaled approximately \$6,768,000.

**THE OHIO STATE UNIVERSITY**  
**Maturities and**  
**Real Estate Activity**

**MATURITIES THAT OCCURRED DURING PERIOD**

<u>Par Value</u>	<u>Issue, Coupon, Maturity</u>	<u>Advisor</u>
------------------	--------------------------------	----------------

No maturities during the period.

**REAL ESTATE**

**Acquisitions & Sales**

**Description**

**Cost or**  
**Appraised Value**

No activity during the period.

**THE OHIO STATE UNIVERSITY**  
**Equity Acquisitions**

Purchases and Gifts During Period

<u>Number of Shares</u>	<u>Company</u>	<u>Advisor</u>	<u>Price/Share</u>	<u>Investment</u>	<u>Annual Dividend</u>
3,500	Banc One Corp.	Chicago	20.3750	\$71,540.00	\$3,640.00
2,000	Bancorp Hawaii, Inc.	Chicago	32.8125	65,625.00	3,280.00
3,400	Century Telephone Co.	Chicago	26.3456	89,796.00	1,428.00
1,200	Consolidated Papers, Inc.	Chicago	30.7500	36,900.00	1,440.00
1,400	Cooper Tire & Rubber Co.	Chicago	18.3040	22,916.60	336.00
1,200	Dover Corp.	Chicago	32.6250	39,228.00	864.00
900	Emerson Electric Co.	Chicago	35.0090	31,566.60	1,134.00
3,000	FMC Corp.	Chicago	26.3750	79,320.00	1,440.00
4,800	Fifth Third Bancorp.	Chicago	27.8020	133,449.60	5,184.00
1,600	Giant Foods, Inc. Cl. A	Chicago	24.0970	38,651.20	800.00
8,400	Harley-Davidson, Inc.	Chicago	16.4080	105,427.43	0.00
1,300	Hormel (Geo. A) & Co.	Chicago	14.7600	19,259.50	338.00
900	Illinois Tool Works, Inc.	Chicago	41.4210	37,337.40	540.00
1,700	Kentucky Utilities Co.	Chicago	19.9867	94,243.00	6,862.00
1,800	Knight Ridder, Inc.	Chicago	37.7500	66,067.00	2,378.00
1,100	Lance, Inc.	Chicago	20.5000	22,550.00	836.00
9,400	Limited, Inc.	Chicago	14.7413	139,179.40	2,256.00
1,200	Lincoln Telecommunications, Inc.	Chicago	25.1250	30,150.00	888.00
600	Long's Drug Stores Corp.	Chicago	36.8720	22,162.20	624.00
5,600	Lotus Development Corp.	Chicago	15.3571	86,000.00	0.00
700	McDonalds Corp.	Chicago	26.4950	18,592.00	217.00
1,000	NCR Corp.	Chicago	49.1030	49,168.00	1,400.00
5,100	National Pizza Co.	Chicago	17.8260	90,912.50	0.00
1,500	Nike, Inc.	Chicago	27.3750	41,160.00	1,200.00
8,100	Old Kent Financial Corp.	Chicago	21.5181	174,296.70	8,586.00
1,000	Pacific Telecom, Inc.	Chicago	24.0000	24,000.00	1,100.00
2,100	Russell Corp.	Chicago	16.9850	35,805.00	672.00
5,300	Shaw Industries, Inc.	Chicago	16.3139	86,808.10	2,650.00
1,600	Super Valu-Stores, Inc.	Chicago	24.0000	38,504.00	960.00
3,500	Temple-Inland, Inc.	Chicago	26.8750	94,290.00	4,080.00
600	Tyco Labs, Inc.	Chicago	37.7500	22,689.00	192.00
1,000	U.S. Bancorp.	Chicago	19.1250	19,125.00	1,000.00
12,400	UNIFI, Inc.	Chicago	16.6747	207,571.98	0.00
6,300	Vishay Intertechnology, Inc.	Chicago	12.3595	78,274.35	0.00
1,400	Wells Fargo & Co.	Chicago	49.5510	69,462.40	5,600.00

Continued next page

**THE OHIO STATE UNIVERSITY**  
**Equity Acquisitions**

**Purchases and Gifts During Period (continued)**

<u>Number of Shares</u>	<u>Company</u>	<u>Advisor</u>	<u>Price/Share</u>	<u>Investment</u>	<u>Annual Dividend</u>
3,000	Westinghouse Electric Corp.	Chicago	25.3750	\$76,320.00	\$7,200.00
1,200	Zurn Industries, Inc.	Chicago	32.1250	38,622.00	912.00
9,000	Adolph Coors Co.	Nicholas-Applegate	24.6875	222,187.50	4,500.00
1,700	Becton Dickinson & Co.	Nicholas-Applegate	72.3160	123,039.20	1,768.00
10,700	Betz Laboratories, Inc.	Nicholas-Applegate	36.3707	389,166.88	20,865.00
3,100	Centocor, Inc.	Nicholas-Applegate	42.5000	131,750.00	0.00
2,100	Chemical Waste Management, Inc.	Nicholas-Applegate	19.1250	40,288.50	756.00
4,900	Chiquita Brands International, Inc.	Nicholas-Applegate	27.6250	135,656.50	6,860.00
4,900	Chiron Corp.	Nicholas-Applegate	38.0000	186,200.00	0.00
3,100	Coastal Corp.	Nicholas-Applegate	34.8750	108,298.50	1,860.00
9,700	Costco Wholesalers Corp.	Nicholas-Applegate	39.5116	264,727.50	0.00
5,100	Enron Oil & Gas Corp.	Nicholas-Applegate	24.9750	127,678.50	1,020.00
1,600	Fluor Corp.	Nicholas-Applegate	38.3750	61,496.00	384.00
5,800	Foster Wheeler Inc.	Nicholas-Applegate	22.6250	131,573.00	2,900.00
6,600	Genentech, Inc.	Nicholas-Applegate	23.9640	158,558.40	0.00
2,900	General Motors Corp. Cl., E	Nicholas-Applegate	35.0000	101,674.00	1,624.00
10,000	Genetics Inst, Inc.	Nicholas-Applegate	36.3424	363,423.78	0.00
72,200	Global Marine, Inc.	Nicholas-Applegate	5.0036	365,592.50	0.00
2,300	Halliburton Co.	Nicholas-Applegate	45.3750	104,500.50	2,300.00
6,300	Home Depot, Inc.	Nicholas-Applegate	34.4826	217,618.50	756.00
2,900	Humana, Inc.	Nicholas-Applegate	42.8750	124,511.50	3,480.00
5,900	Imcera Group, Inc.	Nicholas-Applegate	63.1951	373,205.26	5,900.00
3,900	Intel Corp.	Nicholas-Applegate	36.5000	142,350.00	0.00
9,300	Manor Care, Inc.	Nicholas-Applegate	15.7726	147,243.60	1,209.00
13,300	Maxus Energy Corp.	Nicholas-Applegate	10.0000	133,798.00	0.00
8,000	Medco Containment Services, Inc.	Nicholas-Applegate	27.6250	221,000.00	320.00
2,100	Medtronics, Inc.	Nicholas-Applegate	86.8750	182,563.50	1,722.00
3,100	Microsoft Corp.	Nicholas-Applegate	67.7500	210,025.00	0.00
8,300	Mitchell Energy & Development Corp.	Nicholas-Applegate	22.2050	164,799.50	2,656.00
3,100	Morton International, Inc.	Nicholas-Applegate	43.7500	135,811.00	2,728.00
6,300	Novell, Inc.	Nicholas-Applegate	28.5000	179,550.00	0.00

Continued next page

**THE OHIO STATE UNIVERSITY**  
**Equity Acquisitions**

Purchases and Gifts During Period (continued)

<u>Number of Shares</u>	<u>Company</u>	<u>Advisor</u>	<u>Price/Share</u>	<u>Investment</u>	<u>Annual Dividend</u>
6,400	Pittson Co.	Nicholas-Applegate	18.5000	\$118,784.00	\$1,280.00
9,300	Rowan Companies, Inc.	Nicholas-Applegate	11.5710	108,168.30	0.00
7,500	Service Corp. International	Nicholas-Applegate	21.6750	164,512.50	4,200.00
6,300	Southwest Airlines Co.	Nicholas-Applegate	16.7500	105,903.00	630.00
11,700	Tyson Foods, Inc.	Nicholas-Applegate	27.7367	324,519.70	468.00
9,800	U.S. Health Care Inc.	Nicholas-Applegate	23.8750	229,200.00	3,456.00
12,400	Varian Associates, Inc.	Nicholas-Applegate	31.2221	387,897.80	3,224.00
57,700	Wendy's International	Nicholas-Applegate	6.3820	371,704.40	13,848.00
7,700	Wheelabrator Technologies, Inc.	Nicholas-Applegate	36.1930	279,148.22	0.00
10,400	American Stores Co.	Siebel	45.1710	470,506.40	11,648.00
18,500	Dreyfus Corp.	Siebel	25.0230	464,220.50	9,620.00
				<u>\$10,891,821.88</u>	<u>\$181,997.00</u>

**THE OHIO STATE UNIVERSITY**  
**Equity Sales**

Sales Made During Period

<u>Number of Shares</u>	<u>Company</u>	<u>Advisor</u>	<u>Price/Share</u>	<u>Total Sale</u>	<u>Gain (Loss)</u>
3,900	Bemis, Inc.	Chicago	27.0064	\$105,067.98	\$25,394.88
7,100	Bio-Met, Inc.	Chicago	27.8908	198,025.00	13,425.00
18,400	Fedders Corp.	Chicago	5.7232	104,108.07	(118,779.28)
5,400	Leggett & Platt	Chicago	21.2500	114,395.17	(87,981.17)
5,600	Louisiana Pacific Corp.	Chicago	22.1707	123,787.85	(78,960.15)
4,300	NACCO Industries, Inc.	Chicago	23.7074	101,658.88	(96,558.12)
4,900	Potlatch Corp.	Chicago	23.8689	116,625.59	(38,042.91)
11,100	Standard Register Co.	Chicago	9.5000	105,450.00	(86,600.00)
3,300	Stanley Works	Chicago	28.6000	94,162.35	3,171.45
8,600	Tandem Computers, Inc.	Chicago	9.1250	77,913.38	(160,531.83)
1,000	Tandy Corp.	Chicago	28.2500	28,184.05	(942.45)
4,600	Tribune Co.	Chicago	33.8479	162,632.56	(90,154.44)
1,200	Wal-Mart Stores, Inc.	Chicago	27.8820	33,139.29	15,568.29
800	Washington Post Co.	Chicago	171.0000	136,743.44	(28,167.01)
4,500	Wrigley (Wm.) Co.	Chicago	51.7324	232,495.54	80,364.04
9,000	Adolph Coors Co.	Nicholas-Applegate	19.8750	178,875.00	(43,312.50)
4,600	Autodesk, Inc.	Nicholas-Applegate	38.9309	179,062.20	29,972.38
12,000	Blockbuster Entertainment Corp.	Nicholas-Applegate	19.5699	232,508.90	(3,193.58)
2,800	ConAgra, Inc.	Nicholas-Applegate	33.9700	94,944.82	395.71
14,000	Equifax, Inc.	Nicholas-Applegate	15.8592	221,181.27	(70,158.73)
3,000	Fluor Corp.	Nicholas-Applegate	32.8717	98,731.79	24,700.94
1,700	General Motors Corp. Cl., E	Nicholas-Applegate	32.9354	55,886.32	(2,532.83)
800	Genetics Inst, Inc.	Nicholas-Applegate	33.0781	26,458.50	(2,877.48)
1,000	Halliburton Co.	Nicholas-Applegate	46.7190	46,657.44	2,563.64
100	Helmerich & Payne Corp.	Nicholas-Applegate	26.7500	2,668.91	(597.38)
1,100	Home Depot, Inc.	Nicholas-Applegate	28.5000	31,282.95	18,746.91
2,000	Intel Corp.	Nicholas-Applegate	32.6250	65,250.00	5,369.15
2,300	Motorola, Inc.	Nicholas-Applegate	54.9743	126,298.78	(39,234.67)
4,100	Nucor Corp.	Nicholas-Applegate	63.4640	259,947.82	(44,735.48)
4,400	Reynolds Metal Co.	Nicholas-Applegate	49.6474	218,177.30	(69,831.14)
1,300	Rhone-Poulenc Rorer, Inc.	Nicholas-Applegate	62.6538	81,369.28	5,267.75
2,800	Southwest Airlines Co.	Nicholas-Applegate	17.4091	48,575.76	488.67
7,300	Sun Microsystems, Inc.	Nicholas-Applegate	15.5040	113,179.20	(34,510.43)

Continued next page

**THE OHIO STATE UNIVERSITY**  
**Equity Sales**

Sales Made During Period (continued)

<u>Number of Shares</u>	<u>Company</u>	<u>Advisor</u>	<u>Price/Share</u>	<u>Total Sale</u>	<u>Gain (Loss)</u>
4,000	Tambrands, Inc.	Nicholas-Applegate	81.7640	\$326,805.09	\$41,502.33
7,200	Tyco Labs, Inc.	Nicholas-Applegate	39.3570	282,929.01	110,622.21
4,300	Anadarko Petroleum Corp.	Siebel	35.0240	150,297.17	48,682.26
20,000	Horsehead Resource Development, Inc.	Siebel	7.8500	157,000.00	(183,504.00)
16,900	Morton International, Inc.	Siebel	42.5030	717,093.75	143,189.13
5,000	Mobil Corp.	University Students	59.3750	296,565.10	(16,234.90)
9,000	Pepsico, Inc.	University Students	24.3750	218,827.68	39,772.68
3,800	Sterling Software, Inc.	University Students	6.6250	24,794.16	(15,485.84)
				<u>\$5,989,777.35</u>	<u>(\$685,828.90)</u>

**THE OHIO STATE UNIVERSITY**  
**Fixed Income Acquisitions**

**Purchases and Gifts During Period**

<u>Par Value</u>	<u>Issue, Coupon, Maturity</u>	<u>Advisor</u>	<u>Current Yield</u>	<u>Yield to Maturity</u>	<u>Price</u>	<u>Investment</u>
1,500,000	Security Pacific National Bank 11.500% 11-15-00	STW	11.4517	11.4268	100.4220	\$1,506,330.00
4,200,000	U.S. Treasury Bond 10.375% 11-15-12	STW	9.0550	8.8583	114.5781	4,812,281.25
4,000,000	U.S. Treasury Bond 7.500% 11-15-16	STW	8.4344	8.5701	88.9219	<u>3,556,875.00</u>
						<u><u>\$9,875,486.25</u></u>

**THE OHIO STATE UNIVERSITY**  
**Fixed Income Sales**

Sales Made During Period

<u>Par Value</u>	<u>Issue, Coupon, Maturity</u>	<u>Advisor</u>	<u>Price</u>	<u>Total Sale</u>	<u>Gain (Loss)</u>
1,000,000	Security Pacific National Bank 9.750% 05-15-99	STW	92.5910	\$925,910.00	(\$103,330.00)
3,250,000	U.S. Treasury Bond 9.250% 02-15-18	STW	106.7188	3,468,359.38	(109,892.40)
4,025,000	U.S. Treasury Bond 10.750% 08-15-05	STW	117.7031	4,737,550.78	59,934.97
				<u>\$9,131,820.16</u>	<u>(\$153,287.43)</u>

**THE OHIO STATE UNIVERSITY**  
**Real Estate Investments**

	<u>Yield</u>	<u>Year</u> <u>Acquired</u>	<u>Carrying</u> <u>Value</u>	<u>Appraised</u> <u>Value</u>	<u>Date</u> <u>Appraised</u>
Busch Boulevard Centre	9.36%	1990	\$4,275,000	\$4,275,000	10/89
46.984 acres of land in Delaware County	0.55%	1971	100,793	641,000	06/89
Hangar at Don Scott Field (Loan)	0.00%	1973	20,665 (1)	20,665	N/A
Hangar addition at Don Scott Field (Loan)	10.00%	1978	82,065 (1)	82,065	N/A
17.92 acres of land on Eiterman Road	0.00%	1978	25,152	725,000	05/88
51 acres of land, 2809 West Granville Road	0.00%	1962	160,265	2,896,000	06/89
48.52 acres of land, 3025 West Granville Road	0.00%	1972	544,398	4,367,000	06/89
76.143 acres of land, 3253 West Granville Road	0.03%	1968	310,538	6,853,000	06/89
30.539 acres of land, 3371 West Granville Road	0.00%	1971	265,079	2,749,000	06/89
32 acres of land, 3371 West Granville Road	0.19%	1986	2,078,666	2,880,000	06/89
12 acres of land, 3483 West Granville Road	0.00%	1965	24,000	1,080,000	06/89
8.557 acres of land, 3505 West Granville Road	0.00%	1968	17,114	770,000	06/89
Undivided one-half interest in building and .65 acres at 1375 South Hamilton Road	2.94%	1988	95,000	95,000	01/86
94.5 acres of land on Harrisburg Pike	0.00%	1986	190,000	283,000	06/89
Building and 2.833 acres at 1900 Kenny Road	21.84%	1961	659,930	1,250,000	06/89
Building and 6.41 acres at 1960 Kenny Road	17.36%	1971	1,320,693	2,500,000	06/89
Building and 6.328 acres at 1991 Kenny Road	8.81%	1968	170,000	696,000	06/89
Building and 3.295 acres at 930 Kinnear Road	7.97%	1962	435,204	1,550,000	06/89
Building and 5.56 acres at 1100 Kinnear Road	3.74%	1984	825,000	2,650,000	06/89
20.988 acres of land on Shier-Rings Road	0.00%	1978	241,848	1,155,000	08/89
Veterans Administration Clinic	8.08%	1979	3,767,261	6,363,500	06/90
			<u>\$15,588,671</u>	<u>\$43,861,230</u>	

(1) Amount represents balance on loan made to Department of Aviation



Office of the Treasurer

Riverwatch Tower - Suite B  
364 West Lane Avenue  
Columbus, OH 43201-1002  
Phone 614-292-6261

**MEMORANDUM**

Subject: Proxy Solicitations

Date: November 30, 1990

From: James L. Nichols, Treasurer *James L. Nichols*

To: Board of Trustees, The Ohio State University

During November 1990, the University voted ten proxies.

Management proposals were as follows:

- 1) Election of the Board of Directors;
- 2) Amendment to increase the number of shares of Common Stock;
- 3) Ratification of the independent auditors;
- 4) Approval of Management Worldwide Incentive Plan;
- 5) Amendment to Long-Term Incentive Plan;
- 6) Approval of amendments to Stock Option Plan;
- 7) Adoption of an Employee Stock Purchase Plan;
- 8) Amendment to limit the number of directors;
- 9) Approval of a Long-Term Equity Incentive Plan;
- 10) Approval of an Employee Stock Purchase Plan.

The shareholder proposals were as follows:

- 1) Proposal that the Company identify executive officers who receive more than \$100,000 base salary.
- 2) Reinstate cumulative voting.

The University voted for all Management proposals and against the shareholder proposals. Additionally, Management opposed the shareholder proposals.

The ten corporations were:

- 1) A. Schulman, Incorporated
- 2) Campbell Soup Company
- 3) Carter Hawley Hale Stores, Incorporated
- 4) Citizens Utilities Company
- 5) Cracker Barrel Old Country Store, Incorporated
- 6) Datapoint Corporation
- 7) Lancaster Colony Corporation
- 8) Medco Containment Services, Incorporated
- 9) Pall Corporation
- 10) Sun Microsystems, Incorporated

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**APPENDIX XXXVI**

**THE OHIO STATE UNIVERSITY  
QUARTERLY CASH AND INVESTMENTS**

**Presented to the Investments Committee and  
Adopted by the Board of Trustees, December 6, 1990  
(See page 622)**

**THE OHIO STATE UNIVERSITY**  
**Cash and Investments**

	<b>Cash and Investments (at Market) <u>9-30-90</u></b>	<b>Cash and Investments (at Market) <u>6-30-90</u></b>	<b>Total Return for the Three-Months Ended <u>9-30-90</u></b>
<i>University Endowment Fund</i>	\$288,564,966	\$321,880,298	-9.8%
<i>Ohio State University Foundation</i>	15,746,924	17,483,596	-9.8%
<i>Operating Funds</i>	216,917,721	218,654,627	2.0%
<i>Debt Service and Debt Construction Funds</i>	46,409,369	51,607,780	2.0%
<i>OSU Research Foundation</i>	15,722,271	18,074,584	2.0%
<i>Trust Funds</i>	17,246,511	19,057,455	-1.6%
<i>Student Loan Funds</i>	5,345,899	5,862,175	1.9%
<i>Hospital Self Insurance Fund</i>	<u>14,851,899</u>	<u>14,803,147</u>	2.2%
<b>Total All Accounts</b>	<b><u>\$620,805,560</u></b>	<b><u>\$667,423,662</u></b>	

**APPENDIX XXXVII**

**PROCEDURES AND CRITERIA FOR NOMINATING STUDENTS TO  
SERVE ON THE OHIO STATE UNIVERSITY  
BOARD OF TRUSTEES**

**Presented to the Student Affairs Committee  
December 6, 1990  
(See page 631)**

# **PROCEDURES AND CRITERIA FOR NOMINATING STUDENTS TO SERVE ON THE OHIO STATE UNIVERSITY BOARD OF TRUSTEES**

## **INTRODUCTION**

The initial process for nominating students to serve on The Board of Trustees of The Ohio State University shall be the responsibility of the three student governments of The Ohio State University (Undergraduate Student Government, Council of Graduate Students, Interprofessional Student Council). Each student government will be responsible for devising and administering its own process for the selection of nominees from among its constituents in good academic standing and not on disciplinary probation. However, nominees must be Ohio residents. All affirmative action policies, university rules and state laws regarding student service to the university shall be observed throughout the nomination process.

## **PHASE I - SCREENING COMMITTEE**

The Screening Committee will evaluate all nominees forwarded by the three student governments. Each student government shall appoint a maximum of three members to serve on the Screening Committee. The Vice Provost for Student Affairs will also appoint one faculty member and one administrator who will serve as non-voting members. A quorum shall be constituted by two-thirds of the voting members of the committee.

The Screening Committee shall develop written procedures and criteria by which all nominees in good academic standing and not on disciplinary probation will be considered. The Screening Committee shall forward to the Interviewing Committee at least ten nominees considered by the Screening Committee to be most qualified and most worthy of an interview.

## **PHASE II - INTERVIEWING COMMITTEE**

Each student government shall appoint a maximum of three members to serve on the Interviewing Committee. No person who served on the Screening Committee may serve on the Interviewing Committee.

The Vice Provost for Student Affairs will also appoint one faculty member and one administrator who will serve as non-voting members. A quorum shall be constituted by two-thirds of the voting members of the committee.

The committee shall develop the written procedures and criteria by which all recommended by the Screening Committee, in good academic standing and not on disciplinary probation will be interviewed and evaluated.

Upon completion of all interviews and evaluations, the committee will select a slate of five students to be presented to the Governor of the State of Ohio as nominees for appointment to the Board of Trustees of The Ohio State University.

## **INITIAL TIME LINE**

The respective student governments will make their nominations to the Screening Committee no later than January 25, 1991.

The Screening Committee will present its recommendations to the Interviewing Committee no later than 8:00 A.M. on February 11, 1991.

Assigned interviews will take place through February 11-22, 1991.

The Interviewing Committee will present its final slate of five candidates to the Governor of the State of Ohio no later than March 4, 1991.

We, the presidents of the respective student governments, hereby acknowledge that the initial time line recommended herein is at the request of the student government presidents and in no way reflects the opinions, attitudes or actions of any member of The Ohio State University Board of Trustees or of The Ohio State University administration.

Michael B. Clark  
Undergraduate Student  
Government

Steve Sloan  
Interprofessional  
Student Council

Benetta A. Burton  
Council of Graduate  
Students

**NOMINATION FOR STUDENT CANDIDATES FOR APPOINTMENT  
TO THE OHIO STATE UNIVERSITY BOARD OF TRUSTEES**

One student will be appointed to serve on The Ohio State University Board of Trustees in early 1991. ALL students who are in good academic standing, not on disciplinary probation and are residents of the state of Ohio are eligible to apply for this position. All appointees will be expected to maintain enrollment, good standing and residency during their term. As required by state law these are voluntary positions, so no salary can be offered to those appointed in exchange for their service.

A Screening committee will review the initial nominations and forward a select group of files to the Nominating committee by 8:00 A.M. on February 11, 1991. The Nominating committee will review the qualifications of these nominees, conduct interviews February 11 thru February 22, 1991, and will forward a slate of five candidates to the Governor of the State of Ohio by March 4, 1991. One of these five students will be appointed to the Board of Trustees by the Governor. Term of appointment will be for two years, beginning and ending in the spring. Students wishing to be considered for nomination must return their application and supporting material to their respective student government office prior to 4:00 P.M. on January 25, 1991.

**Undergraduate students:** submit their application and supporting material to the offices of The Undergraduate Student Government, Room 305, Ohio Union. For more information please call Michelle Morgan at 294-0045.

**Professional students:** mail their application and supporting material to The Interprofessional Council, % Steve Sloan, IPC President, Neil Hall, 1634 Neil Ave. Box 132, Columbus, OH 43210. For more information call Mark Slivka at 888-9780 or Steve Sloan 291-4217.

**Graduate students:** mail or bring their application and supporting material to The Council of Graduate Students, 055 Jones Tower, 101 Curl Drive, Columbus, OH, 43210. For more information call Betsy Newton at 292-8954 or 451-8092.

**NOTE:** To obtain more information about the university as well as the Board of Trustees, the following sources are suggested:

1. Talk with the Dean of your college.
2. Contact the Associate Provosts, Vice Presidents and/or Executive Directors of various offices (e.g. Minority Affairs, Human Relations, Personnel Services, etc.)
3. Research the University Archives located in Converse Hall for minutes from Board of Trustee meetings, articles from the Lantern and Columbus Dispatch, and the history of the Student Trustee position on the Board.
4. The Library Computer System (LCS) has an index of books on University boards and their responsibilities.

## APPLICATION FOR STUDENT TRUSTEE

NAME \_\_\_\_\_

DEGREE SOUGHT \_\_\_\_\_

LOCAL ADDRESS \_\_\_\_\_

PHONE \_\_\_\_\_

HOME ADDRESS \_\_\_\_\_

PHONE \_\_\_\_\_

SOCIAL SECURITY NUMBER \_\_\_\_\_

ARE YOU A CITIZEN OF THE STATE OF OHIO? \_\_\_\_\_

CURRENT G.P.A. \_\_\_\_\_

I certify that I am in good academic standing according to the regulations and standards of my enrollment unit and that I am not on any form of disciplinary probation. I waive my privacy rights under the family educational rights and privacy act and I authorize members of the student trustee screening and/or interview committee to verify with the university registrar my G.P.A., academic rank and standing, and that I am not on academic or disciplinary probation. If appointed to serve on The Ohio State University Board of Trustees I will make every reasonable effort to serve for the full duration of my term and I will conscientiously seek to serve the interests of the taxpayers of the State of Ohio, the University community and other relevant constituencies.

NAME (Print or type) \_\_\_\_\_

SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_

SOCIAL SECURITY NUMBER \_\_\_\_\_

**NOTE: PLEASE TURN IN ELEVEN COPIES OF YOUR TOTAL APPLICATION.  
APPLICATION DEADLINE: 4:00 PM, JANUARY 25, 1991.**

PLEASE ADDRESS THE FOLLOWING SEVEN QUESTIONS (NUMBER YOUR RESPONSES).

1. DISCUSS WORK AND SERVICE EXPERIENCE RELEVANT TO YOUR CANDIDACY.
2. LIST SPECIAL TALENTS, ABILITIES, AND ATTRIBUTES WHICH MAKE YOU A STRONG CANDIDATE FOR THE POSITION OF STUDENT TRUSTEE, INCLUDING HONORS AND AWARDS.
3. DISCUSS PERSONAL AND/OR CAREER GOALS.
4. WHAT IS THE ROLE OF A TRUSTEE?
5. PLEASE DESCRIBE SOME MAJOR ISSUES OF CONCERN AT THIS UNIVERSITY.
6. AS A STUDENT TRUSTEE, HOW WOULD YOU WORK TO RESOLVE THESE ISSUES, INCLUDING STUDENT CONCERNS?
7. PLEASE INCLUDE ANY ADDITIONAL INFORMATION WHICH YOU FEEL WILL STRENGTHEN YOUR APPLICATION.

**TO SUPPORT YOUR APPLICATION SUBMIT A MINIMUM OF TWO LETTERS OF RECOMMENDATION.**

**APPENDIX XXXVIII**

**INSTRUCTION IN PLANT SCIENCE:  
EXCITING AND RELEVANT**

**Presented to the Agricultural Affairs Committee  
December 6, 1990  
(See page 636)**

### Instruction in Plant Science: Exciting and Relevant

In response to the need for improved science education at the elementary through high school level, and for more effective instruction of introductory plant science at the university level, the Department of Horticulture has initiated a program to promote the use of unique and exciting educational materials that may enhance student learning. These materials are based on a single group of plants, the Rapid Cycling Brassicas (RCB), which possess special attributes that make them ideal for instruction in science. These plants:

- have a short life cycle—one of the species flowers in 14 to 18 days and produces mature seed for the next generation in 35–40 days;
- are small and easy to grow;
- can reproduce at high densities (up to 2500 plants/m<sup>2</sup>) under fluorescent lighting in a classroom;
- can be pollinated with ease;
- have a wide range of morphological mutations (genetic markers);
- are safe, non-threatening; are related to important crops associated with good health (broccoli, cabbage, turnips);
- are inexpensive and readily available.

These attributes combine to create a unique instructional environment in which students learn biological principles through *hands on activities*, undertaking experiments of their own design. The focus is on *science as a process* and not as a set of facts to be memorized. The emphasis is on the excitement and importance of science in our daily lives.

The program consists of workshops for school teachers where they learn about these plants and development of new laboratory activities for appropriate university courses. The RCB are currently used in Horticulture undergraduate and graduate courses to demonstrate principles of plant growth and development, genetics, physiology, classification, and biotechnology.

This focused approach to science, utilizing a single live organism, also provides an opportunity to integrate biological concepts at all levels of organization: from the molecule in cell to the population of organisms in the environment.

Pablo Jourdan, Ph.D.  
Department of Horticulture

**APPENDIX XXXIX**

**OHIO STADIUM BLEACHER ADDITION**

**Adopted by the Board of Trustees, December 6, 1990  
(See page 658)**

## **Request for Construction Bids**

### Background

#### Ohio Stadium Bleacher Addition

Phase I of this project will provide and install additional portable seating in the south end of the Ohio Stadium to increase seating capacity from 7,800 to 13,500. Bids will be for a five year lease.

Phase II of this project will construct all site work associated with bleacher installation, including additional paving, water and sewer connections, fencing, gates, and electrical service.

Funds for this project are available from the Department of Athletics. Phase I costs are estimated at \$683,100.00 for the first year and \$550,000.00 per year for years two through five of the lease period. Phase II construction costs are estimated at \$150,000.00, and the total estimated Phase II cost is \$180,000.00.

**APPENDIX XL**

**ALUMNI HOUSE ADDITION - FAWCETT CENTER;  
MEDICAL LOGISTICAL SERVICES FACILITY EXPANSION; AND  
WISEMAN HALL - MEDICAL RESEARCH FACILITY**

**Adopted by the Board of Trustees, December 6, 1990  
(See page 659)**

## **Employment of Architects/Engineers and Request for Construction Bids**

### Background

#### Alumni House Addition - Fawcett Center

This project will provide a study of the space needs for The Ohio State University Alumni Association for the foreseeable future and the design and construction of an addition to the Fawcett Center for Tomorrow to meet the needs defined by the study. Design of the project will encompass both the existing Alumni Association space (9,575 square feet) and the addition (estimated at about 19,375 square feet) to provide a unified and integrated facility to meet the Association's needs.

The cost of the project will be funded by the Alumni Association. The building addition will be owned by the University, but there will be a long-term lease of the space to the Association to ensure the availability of the space to meet the Association's needs. Design and construction of the addition will be funded from gifts raised by the Association. Funds for the study (estimated at \$40,000.00) and promotional materials for gift solicitation currently are available from the Association. At this early stage, the construction costs are estimated to be approximately \$2,700,000.00, with an estimated total project cost of \$3,800,000.00.

#### Medical Logistical Services Facility Expansion

This project will construct a three floor addition of approximately 57,000 square feet to the existing Medical Logistical Facility and the renovation of approximately 10,000 square feet of space in Doan Hall. This space will house a Surgical Intensive Care Unit (SICU) which requires expanded space to provide effective care and emergency equipment. In addition, support space, including conference areas, satellite lab and pharmacy, physician and staff lockers and lounges, and other clinical support and storage areas also will be housed in the addition.

Funds for this project are available from University Hospitals. Construction costs are estimated at \$7,900,000.00, and the total estimated project cost is \$10,017,600.00.

#### Wiseman Hall - Medical Research Facility

This project will construct additions of approximately 80,000 square feet to the existing Wiseman Hall. The first phase will add approximately 40,000 square feet of space to the west and possibly on top of the existing building with a separate identity and entrance. The facility will house generic research laboratories and related support facilities, designed to provide the greatest flexibility for future needs of the College of Medicine. The space is intended primarily for the Clinical Departments and several other departments within the College for disciplines such as Molecular Biology, Physiology, Cell Chemistry, and Whole Animal Physiology and Pharmacology. A future second phase is intended to add another 40,000 square feet of space.

Funds for phase one of this project in the amount of \$6,000,000.00 will be provided from contributions pledged by the Central Practice Groups of the Clinical Departments of the College of Medicine, with construction costs estimated at \$4,925,000.00. The estimated cost for phase two is \$7,000,000.00, with construction costs estimated at \$5,500,000.00. Funds for the second phase also would be provided through contributions from the Central Practice Groups.

**APPENDIX XLI**

**UTILITY MASTER PLAN**

**Adopted by the Board of Trustees, December 6, 1990  
(See page 660)**

## **Employment of Architects/Engineers**

### **Background**

#### **Utility Master Plan**

This project is to engage an engineering firm to evaluate all campus utility systems and propose an orderly, cost effective capital plan to ensure availability of appropriate utility services to the campus for the next twenty years. Utility services to be studied include electric, heating, cooling, water, sewer, natural gas, compressed air, communications cable space, and solid waste.

Funds for this project are available from the Department of Physical Facilities. No construction costs are included at this stage of the project. The total Utility Master Plan costs, including tests and measurements, are estimated at \$450,000.00.

**APPENDIX XLII**

**CAMPUS ENERGY CONTROLS (HVAC SYSTEMS);  
CHILLER REPLACEMENTS (CIVIL AND AERONAUTICAL  
ENGINEERING BUILDING);  
OARDC SUPPORT FACILITIES - BARN REPLACEMENT;  
OARDC - FISHER AUDITORIUM ROOF AND  
OARDC PHYSICAL PLANT BUILDING ROOF; AND  
WINDOW REPLACEMENTS (ROBINSON LABORATORY AND COCKINS HALL)**

**Adopted by the Board of Trustees, December 6, 1990  
(See page 661)**

**Report of Award of Contracts and  
Establishment of Contingency Funds**

Background

(\*Recommended alternates included in these figures.)

Campus Energy Controls (HVAC Systems)

This project continues the work begun in previous biennia to provide better environmental control and reduce energy consumption by converting the control functions for HVAC equipment to direct digital control. The total project cost is \$161,950; funding is provided from Senate Bill 336. The estimated completion date is August 1991. The contract awarded is as follows:

Temperature Control Contract:	Control Solutions, Inc., Lebanon, Ohio
Amount:	\$149,026.00 *
Estimate:	\$288,000.00 *
Total All Contracts:	\$149,026.00 *
Contingency Allowance:	\$ 11,924.00 (8% of construction cost)
Total Project Cost:	\$161,950.00

December 6, 1990

REPORT OF AWARD OF CONTRACTS AND ESTABLISHMENT OF CONTINGENCY FUNDS  
CAMPUS ENERGY CONTROLS

Tabulation of Bids

Bids received by The Ohio State University on September 6, 1990. Bids opened by Tamara Bell and tabulated by Ray Yanack. Awards indicated with an "\*".

<u>Temperature Control Contract</u>	<u>Estimate</u>	<u>Control Solutions *</u>	<u>Landis/Gyr</u>	<u>Riley Assoc.</u>
Base Bid	\$204,000.00	\$109,113.00	\$129,202.00	\$138,000.00
Alt. TC-1 (Cunz Hall)	48,000.00	20,807.00	23,140.00	23,100.00
Alt. TC-2 (Univ. Hall)	38,000.00	19,106.00	23,477.00	18,700.00
Total Temp. Control Contract	\$288,000.00	\$149,026.00	\$175,819.00	\$179,800.00

**Report of Award of Contracts and  
Establishment of Contingency Funds (contd)**

Background (contd)

Chiller Replacements (Civil and Aeronautical Engineering Building)

This project will replace old absorption/centrifugal chillers with new energy efficient centrifugal units with associated piping, pumps and electrical service. The total project cost is \$120,600.00; funding is provided from Senate Bill 336. The estimated completion date is July 1991. The contracts awarded are as follows:

HVAC Contract:	Julian Speer, Columbus, Ohio
Amount:	\$ 97,500.00
Estimate:	\$110,500.00
Electric Contract:	Claggett Electric, Columbus, Ohio
Amount:	\$ 13,238.00
Estimate:	\$ 13,700.00
Total All Contracts:	\$110,738.00
Contingency Allowance:	\$ 8,862.00 (8% of construction cost)
Total Project Cost:	\$120,600.00

December 6, 1990

REPORT OF AWARD OF CONTRACTS AND ESTABLISHMENT OF CONTINGENCY FUNDS  
 BOLZ HALL - CHILLER REPLACEMENT

Tabulation of Bids

Bids received by The Ohio State University on September 12, 1990. Bids opened by Tamara Bell and tabulated by Ray Yanacik. Awards indicated with an "\*".

<u>HVAC Contract</u>	<u>Estimate</u>	<u>Spear *</u>	<u>Crosen</u>	<u>Farber</u>
Base Bid	\$110,500.00	\$97,500.00	\$100,500.00	\$104,700.00
Total HVAC Contract	\$110,500.00	\$97,500.00	\$100,500.00	\$104,700.00
<u>HVAC Contract (Continued)</u>	<u>J. A. Guy</u>	<u>Bruner</u>	<u>Sevier</u>	<u>Swain</u>
Base Bid	\$106,700.00	\$107,360.00	\$106,600.00	\$114,800.00
Total HVAC Contract	\$106,700.00	\$107,360.00	\$106,600.00	\$114,800.00
<u>Electric Contract</u>	<u>Estimate</u>	<u>Cisgett *</u>	<u>Electric Power</u>	<u>Now Electric</u>
Base Bid	\$13,700.00	\$13,238.00	\$14,530.00	\$17,994.00
Total Electric Contract	\$13,700.00	\$13,238.00	\$14,530.00	\$17,994.00

**Report of Award of Contracts and  
Establishment of Contingency Funds (contd)**

Background (contd)

OARDC Support Facilities - Barn Replacement

This project involves the replacement of a two-story bank barn, attached sheds, and contents lost in a barn fire at the OARDC property in Wooster, Ohio, in November 1985. Phase I of the project constructed a replacement barn and Phase II constructed a replacement silo. Phase III will construct a farm equipment and hay storage building. The total project cost is \$500,000.00, of which Phase III totals \$120,000.00; funding is provided from insurance proceeds (\$490,000.00) and OARDC funds (\$10,000.00). The estimated completion date is June 1991. The contracts awarded for Phase III are as follows:

General Contract:	Kelco Builders, Crestline, Ohio
Amount:	\$ 98,341.00 *
Estimate:	\$116,000.00 *
Electric Contract:	Abbott Electric, Canton, Ohio
Amount:	\$ 7,705.00
Estimate:	\$ 12,000.00
Total All Contracts:	\$106,046.00 *
Contingency Allowance:	\$ 8,484.00 (8% of construction cost)
Total Phase III Project Cost:	\$120,000.00 *

December 6, 1990

REPORT OF AWARD OF CONTRACTS AND ESTABLISHMENT OF CONTINGENCY FUNDS

OARDC - SUPPORT SERVICES - BARN REPLACEMENT, PHASE III

Tabulation of Bids

Bids received by The Ohio State University on September 5, 1990. Bids opened by Tamará Bell and tabulated by Ray Yansok. Awards indicated with an "\*".

<u>General Contract</u>	<u>Estimate</u>	<u>Keigo *</u>	<u>CCM</u>	<u>Miller</u>
Base Bid	\$107,800.00	\$92,723.00	\$92,257.00	\$99,150.00
Alt. G-1 (Corn Crib)	8,400.00	5,618.00	8,618.00	5,837.00
Total General Contract	\$116,000.00	\$98,341.00	\$100,875.00	\$104,987.00
<u>General Contract (Continued)</u>	<u>Finnegan</u>	<u>Rietzschlin</u>		
Base Bid	\$99,980.00	\$102,400.00		
Alt. G-1 (Corn Crib)	8,500.00	8,200.00		
Total General Contract	\$108,480.00	\$110,600.00		
<u>Electric Contract</u>	<u>Estimate</u>	<u>Abbott *</u>	<u>Lotus</u>	<u>Wooster</u>
Base Bid	\$12,000.00	\$7,705.00	\$7,775.31	\$8,890.00
Total Electric Contract	\$12,000.00	\$7,705.00	\$7,775.31	\$8,890.00
<u>Electric Contract (Continued)</u>	<u>Famer</u>			
Base Bid	\$10,500.00			
Total Electric Contract	\$10,500.00			

**Report of Award of Contracts and  
Establishment of Contingency Funds (contd)**

Background (contd)

OARDC - Fisher Auditorium Roof and OARDC - Physical Plant Building Roof

This project will install approximately 28,000 square feet of built-up roofing on the lower roof area of the Fisher Auditorium and install approximately 24,000 square feet of built-up roofing on the Physical Plant Building. Replacement of wet insulation and reflashing of parapet walls are included for both buildings. The total project cost is \$193,560.00; funding is provided from House Bill 808. The estimated completion date is July 1991. The contracts awarded are as follows:

General Contract (Fisher Auditorium):	Hicks Roofing, New Philadelphia, Ohio
Amount:	\$ 88,840.00
Estimate:	\$144,000.00
General Contract (Physical Plant):	Franklin Roofing, Inc., Painesville, Ohio
Amount:	\$ 89,000.00
Estimate:	\$123,500.00
Total All Contracts:	\$177,840.00
Contingency Allowance:	\$ 14,220.00 (8% of construction cost)
Total Project Cost:	\$193,560.00

December 6, 1990

REPORT OF AWARD OF CONTRACTS AND ESTABLISHMENT OF CONTINGENCY FUNDS

OARDC - FISHER AUDITORIUM/PHYSICAL PLANT ROOF REPLACEMENT

Tabulation of Bids

Bids received by The Ohio State University on September 18, 1990. Bids opened by Tamara Bell and tabulated by Ray Yaneck. Awards indicated with an "\*".

<u>Fisher Auditorium</u>				
<u>General Contract</u>				
	<u>Estimate</u>	<u>Hicks *</u>	<u>Franklin</u>	<u>Simon</u>
Base Bid	\$144,000.00	\$88,840.00	\$90,900.00	\$102,005.00
Total General Contract	\$144,000.00	\$88,840.00	\$90,900.00	\$102,005.00
General Contract (Continued)	<u>Manning</u>	<u>Astec</u>	<u>Both</u>	<u>Mid American</u>
Base Bid	\$103,576.00	\$104,497.00	\$109,515.00	\$127,000.00
Total General Contract	\$103,576.00	\$104,497.00	\$109,515.00	\$127,000.00
<u>Physical Plant</u>				
<u>General Contract</u>				
	<u>Estimate</u>	<u>Franklin *</u>	<u>Astec</u>	<u>Hicks</u>
Base Bid	\$123,500.00	\$89,000.00	\$98,478.00	\$98,720.00
Total General Contract	\$123,500.00	\$89,000.00	\$98,478.00	\$98,720.00
General Contract (Continued)	<u>Simon</u>	<u>Manning</u>	<u>Roofing Ctr.</u>	<u>Both</u>
Base Bid	\$103,322.00	\$106,300.00	\$108,000.00	\$111,000.00
Total General Contract	\$103,322.00	\$106,300.00	\$108,000.00	\$111,000.00
General Contract (Continued)	<u>Mid American</u>	<u>Ahner</u>		
Base Bid	\$113,000.00	\$122,715.00		
Total General Contract	\$113,000.00	\$122,715.00		

**Report of Award of Contracts and  
Establishment of Contingency Funds (contd)**

Background (contd)

Window Replacements (Robinson Laboratory and Cockins Hall)

This project will reduce energy losses and improve building comfort by replacing deteriorated window units. The total project cost \$252,555.00. Funding is provided by Senate Bill 336 (\$245,000.00) and Physical Facilities (\$7,555.00). The estimated completion date is April 1991. The contract awarded is as follows:

General Contract:	M. Rieser & Associates, Inc., Columbus, Ohio
Amount:	\$239,575.00 *
Estimate:	\$276,000.00 *
Total All Contracts:	\$239,575.00 *
Contingency Allowance:	\$ 11,980.00 (5% of construction cost)
Total Project Cost:	\$252,555.00 *

December 6, 1990

REPORT OF AWARD OF CONTRACTS AND ESTABLISHMENT OF CONTINGENCY FUNDS  
WINDOW REPLACEMENT - ROBINSON LABORATORY AND COCKINS HALL

Tabulation of Bids

Bids received by The Ohio State University on September 25, 1990. Bids opened by Tamara Bell and tabulated by Ray Yancsik. Awards indicated with an \*\*\*.

<u>General Contract</u>	<u>Estimate</u>	<u>Fieser.*</u>	<u>Gribben</u>
Base Bid	\$240,000.00	\$200,970.00	\$207,870.00
Alt. G-1 (Additional Windows)	18,000.00	18,880.00	21,100.00
Alt. G-2 (Skylights)	20,000.00	19,725.00	25,823.00
<b>Total General Contract</b>	<b>\$278,000.00</b>	<b>\$239,575.00</b>	<b>\$254,893.00</b>

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**APPENDIX XLIII**

**67.26 ACRES IN GALLIA COUNTY, OHIO**

**Adopted by the Board of Trustees, December 6, 1990  
(See page 662)**

## **Sale of Real Property**

### **Background**

#### **67.26 Acres in Gallia County, Ohio**

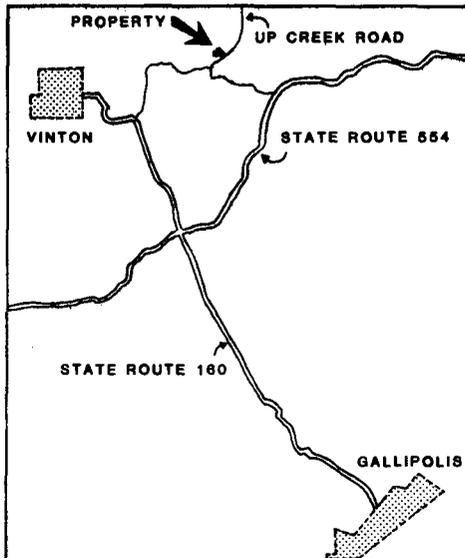
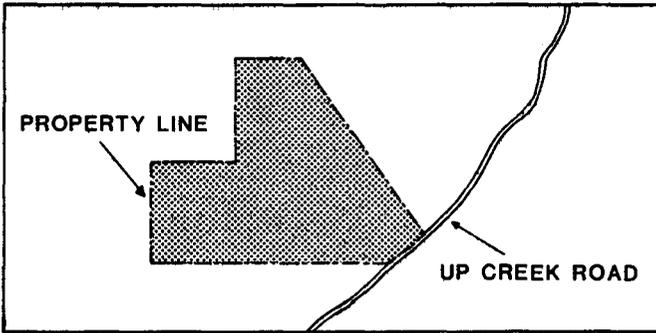
The property consists of approximately 67 acres of unimproved, hilly woodland located on Upcreek Road in Morgan Township of Gallia County, Ohio, about four miles east of the City of Vinton. The property includes all mineral rights.

The property, titled in the Board of Trustees, was a gift to the University in December 1986, from Vaughn and Frieda Siegenthaler of West Liberty, Ohio. Under the terms of the gift, the property is to be sold, with the net proceeds being used to support the College of Agriculture.

An appraisal by Arthur Nibert, ASA, of Gallipolis, done in November 1990, valued the property at \$17,000.00. Allen C. Wood of Gallipolis has offered to purchase the property for that amount.

**SALE OF REAL PROPERTY**

**67.26 ACRES IN GALLIA COUNTY OHIO**



NO TRUE SCALE

OFFICE OF BUSINESS AND ADMINISTRATION  
DECEMBER 6, 1990

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**APPENDIX XLIV**

**92.6 ACRES ON HARRISBURG PIKE  
COLUMBUS, OHIO**

**Adopted by the Board of Trustees, December 6, 1990  
(See page 663)**

## **Sale of Real Property**

### **Background**

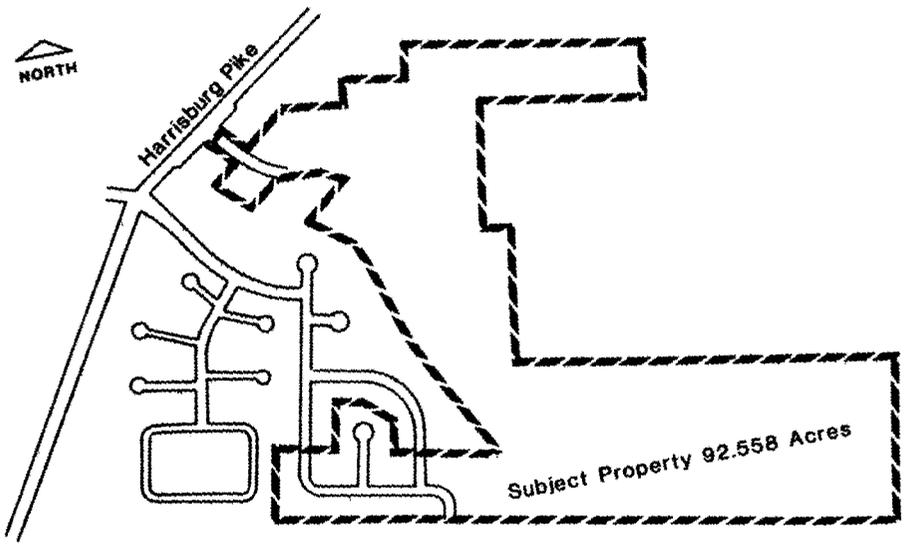
#### **92.6 Acres on Harrisburg Pike Columbus, Ohio**

The property is located in southwest Columbus on the east side of Harrisburg Pike near the intersection of Briggs Road. The property consists of approximately 92.6 acres of undeveloped land serviced by all public utilities. The property has mixed zoning, with small amounts zoned commercial and multi-family and the bulk of the acreage being zoned for single-family development.

The property was acquired in December 1986, by a gift from Mr. Leonard J. Immke, Jr., of Columbus, Ohio. Under the terms of the gift, the property was to be sold, and the gift was to be used to support the Leonard J. Immke, Jr., and Charlotte L. Immke Chair in Cancer Research to support the work of a distinguished researcher in The Arthur G. James Cancer Hospital and Research Institute.

An MAI appraisal done in August 1990, by Wilhelm and Associates valued the property at \$278,000.00. Foxboro Communities, Inc., of Columbus, Ohio, has offered to purchase the entire property at a price of \$300,000.00.

Proposed Sale of Property on  
Harrisburg Pike, Columbus, Ohio



No True Scale

Office of Business and Administration  
December 6, 1990

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**APPENDIX XLV**

**GUIDELINES FOR IMPLEMENTATION OF BUDGET CONTINGENCY PLANS**

**Adopted by the Board of Trustees, December 6, 1990  
(See page 668)**



Vice President for Finance

381 Bricker Hall  
190 North Oval Mall  
Columbus, OH 43210-1359  
Phone 614-292-9232

**SUBJECT:** Guidelines for Implementation  
of Budget Contingency Plans

**DATE:** December 6, 1990

**FROM:** William J. Shkurti *William J. Shkurti*  
James L. Nichols *James L. Nichols*

**TO:** Deans and Vice Presidents

The purpose of this memo is to communicate the University's response to the projected state budget deficit. On November 7th Governor Celeste announced that the state of Ohio faced an estimated budget shortfall of \$263 million for the period ending June 30, 1991. He reduced the budgets for departments under his control by 4%. In addition, he proposed a series of actions to the legislature which included a possible reduction in state support to higher education. If the legislature chooses to reduce appropriations, The Ohio State University will lose approximately \$3.0 million in revenues for each one percent reduction in the current fiscal year.

Although it is not possible at this time to know exactly what the legislature might do, it is important to begin to prepare now. Consequently, the President has directed us to implement selective hiring controls, effective immediately. These controls apply to all new and vacant non-instructional positions as outlined below. They will remain in effect until the University knows for certain what state funding will be for the remainder of this fiscal year.

The following guidelines will be used to implement the hiring controls:

Instructional positions - Because of the critical role of teaching and research to the mission of this university, regular and auxiliary faculty positions are not affected by the hiring controls at this time.

Non-instructional positions - All postings for temporary, vacant, or new Administrative and Professional and Classified Civil Service positions, as well as offers made after the date of this letter, must be approved by the Office of Personnel Services. Only positions which are required to provide essential University services should be submitted. Each position will be reviewed on an individual basis by the Office of Personnel Services upon receipt of a written request from the appropriate Vice President. Specific exemptions are granted for the following staff positions:

- Patient care personnel at University Hospitals.
- Individuals fully funded on externally sponsored research grants.
- Public safety personnel and personnel performing functions specifically required by law.
- Personnel who provide direct services for revenue producing units.

It should be noted that use of temporary personnel or contract services is not an acceptable alternative to filling vacant positions.

In addition to the personnel actions identified above, we are asking each Dean and Vice President to carefully monitor expenditures for all other discretionary items. Only expenditures considered as highest priority should be made at this time.

While these specific guidelines currently apply only to fiscal year 1990-91, there is considerable uncertainty as to the impact of the current state budget shortfall on funding for the next biennium. More importantly, there is a continuing need for the University to reallocate and reevaluate resources to meet changing needs. Therefore, the President has instructed us to work with you to develop options for some form of reallocation for fiscal year 1991-92. This means it is important that you begin identifying alternatives for permanent cost reductions. This will also provide you with the flexibility to manage additional fiscal constraints should the state budget picture continue to deteriorate.

If you have questions about the details of the hiring controls, please contact the Office of Personnel Services at 292-8993. For questions about other aspects of this memorandum, please contact your analyst in the Office of Financial Management at 292-8981.

Given the uncertainty of the state and national economic conditions, it may be necessary to further modify hiring and budget commitments during this fiscal year. We recognize the difficulties this uncertainty presents in managing your programs. We will continue to monitor the situation carefully and will be providing updates on further developments as they evolve. Thank you for your assistance in implementing these guidelines.

c: E. Gordon Gee

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RECORD OF PROCEEDINGS  
OF THE  
BOARD OF TRUSTEES  
OF  
THE OHIO STATE UNIVERSITY

COLUMBUS

July 1, 1990 to June 30, 1991

VOLUME 2

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1990-1991

THE OHIO STATE UNIVERSITY

Edward H. Jennings, President  
(July 1, 1990 - August 31, 1990)

E. Gordon Gee, President  
(September 1, 1990 - June 30, 1991)

BOARD OF TRUSTEES

	<u>Term Beginning</u>	<u>Term Expiring</u>
Shirley Dunlap Bowser, Williamsport	May 14, 1982	May 13, 1991
Hamilton J. Teaford, Columbus	May 14, 1983	May 13, 1992
John J. Barone, Toledo	May 14, 1984	May 13, 1993
Deborah E. Casto, Columbus	May 14, 1985	May 13, 1994
John W. Kessler, Columbus	May 14, 1986	May 13, 1995
Milton A. Wolf, Cleveland	May 14, 1987	May 13, 1996
Leslie H. Wexner, Columbus	May 14, 1988	May 13, 1997
Alex Shumate, Columbus	August 10, 1989	May 13, 1998
Theodore S. Celeste, Columbus	June 19, 1990	May 13, 1999
Michael F. Colley, Columbus	May 15, 1991	May 13, 2000
Sophia L. Paige, Columbus	May 14, 1989	May 13, 1991
David A. Tonnies, Lake Milton	May 14, 1990	May 13, 1992

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Shirley Dunlap Bowser, Chairperson  
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Madison H. Scott, Secretary  
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THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND TWO HUNDRED AND SIXTY-NINTH MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, February 1, 1991

The Board of Trustees met at its regular monthly meeting on Friday, February 1, 1991, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

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Minutes of the last meeting were approved.

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February 1, 1991 meeting, Board of Trustees

The Chairperson, Mrs. Bowser, called the meeting of the Board of Trustees to order on February 1, 1991, at 11:25 a.m. She requested the Secretary to call the roll.

Present: Shirley D. Bowser, Chairperson, Hamilton J. Teaford, Deborah E. Casto, Milton A. Wolf, Alex Shumate, Theodore S. Celeste, Sophia L. Paige, and David A. Tonnies.

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### PRESIDENT'S REPORT

President Gee:

The life of the University and the lives of each of us have been changed significantly by the war in the Persian Gulf. Another generation is experiencing war for the first time -- on the television sets in their residence hall rooms and apartments, in lunch-time conversations, and in classroom discussions.

We have a special responsibility and opportunity at this University in times of national crisis. The University is a place where issues are discussed and personal views are formulated. A number of our distinguished faculty members are providing context and expertise on subjects ranging from military history and national defense policy to understanding Islamic and Arab cultures.

The voices and views on the war expressed on our campuses are certainly not all of one mind. There is a diversity of opinion as broad as the diversity of people in our community. Rallies and meetings have been held reflecting a variety of perspectives on the conflict -- the greatest number of these without incident. In a community of educated women and men, we expect respect for others and their views. We must always combat intolerance and bigotry, protecting the rights of all of our University citizens, and particularly, those students from foreign lands. Most directly effected by the war, of course, are the students, faculty, and staff who have been called to active duty -- numbering, I might add, nearly 100 to date, and that number is growing daily. They are joined in the service of our country by a great many Ohio State alumni. Our hearts and our prayers are with them and their families.

Even with these important events on our minds, the life of the University community goes on. Since our last meeting, I had the privilege of presiding at my first Ohio State commencement ceremony. I must say, what a fabulous spectacle and pageant! We now have 1,766 more alumni -- and I believe I shook every one of their hands!

We had another graduation as well. The Ohio State Police Department Training Academy graduated a class of 21 officers, ten of whom have joined the University force. Students continue to enhance and enliven our University community with their many activities.

I visited the Leadership Ohio State program, a leadership development workshop for 100 talented freshmen planned by upperclass student leaders. I saw the Ohio State production of "The Desert Song" in the Thurber Theatre at the Drake Union, and the new art exhibit just opened at the Wexner Center.

**PRESIDENT'S REPORT (contd)**

President Gee: (contd)

A number of special activities took place this month to honor Dr. Martin Luther King, Jr., and United Black World Week begins next week. As I am certain you will hear reported later in this meeting, the student governments are well into the selection process for a student trustee.

We have welcomed to the University community a new dean for the College of Business, Professor Joseph Alutto, whose appointment is on your agenda today. Joe Alutto is one of this country's most respected leaders in business education. A scholar with international experience, he has a strong record in graduate business education. His eagerness, by the way, to come to Ohio State is a reflection of the quality and direction of the University and the quality of our business school.

Further reflecting our quality is the continuing outstanding work of our faculty. Mentioning only a couple of examples:

The work on zebra mussels by Professor Susan Fisher, Associate Professor of Entomology, continues to receive international attention, including a very favorable mention in a recent Time magazine article.

Professor of Geological Sciences, William Ausich, received the Schuchert Award, a prestigious national award from the Paleontological Society, recognizing excellence in a young paleontologist. Of course, as a discipline with fossil studies spanning millions of years, I am not sure how they define young!

Recently announced was the awarding of this year's University Professorship to Susan Huntington of the Department of History. Professor Huntington's areas of concentration are Asian art and its history. She is a former recipient of the University Distinguished Scholar Award and of the University's Outstanding Teaching Award.

George Martin, Professor of Cell Biology and Anatomy, received this year's Presidential Professorship. A distinguished researcher in neuroscience, he has received 14 teaching awards since 1971.

It should be clear that our most distinguished teachers -- such as Professors Fisher, Huntington, Ausich, and Martin -- are also among our most outstanding researchers. It is these remarkable people who bring such great honor to our University.

Speaking of bringing honor to Ohio State -- how about that men's basketball team! Of course they did lose last evening, and that was the one time that I turned over their charge to Russ Spillman! This group of exceptional student athletes is generating a great deal of Buckeye pride. They are a team you admire as athletes, but more importantly, I think we all agree, they are a team you like as young men.

From the pages of Sports Illustrated to the New York Times, the nation is discovering what Ohio State knows about Coach Randy Ayers: he is a remarkable educator representing the best in intercollegiate sports. I can't tell you how proud I am of him and the program. I absolutely love the electricity that we all have come to enjoy in St. John Arena!

February 1, 1991 meeting, Board of Trustees

### **PRESIDENT'S REPORT (contd)**

President Gee: (contd)

Finally, I would be remiss if I did not pay tribute to one of Ohio State's great citizens whose death has saddened us all. Dick Jackson's life was dedicated to public service. His legacy at this University is a beautiful campus and a commitment to a quality environment for learning. He will be greatly missed by his many friends and colleagues and fondly remembered for his dedication to The Ohio State University.

That completes my report, Madam Chair.

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### **RESEARCH FOUNDATION REPORT**

Ms. Casto:

The totals for the Research Foundation grants and contracts awarded from July 1, 1990 to December 31, 1990, are shown in the agenda book. There are 674 awards that total \$63 million. Funding is slightly higher in the last six months of 1990.

Some highlights of the awards for November and December are:

--\$73,500.00 from the National Endowment for the Humanities to study theory in narrative writing. The funds will support a summer seminar for college teachers. The goal of the seminar will be to help participants become better teachers of the narrative style of writing.

--\$58,000.00 from the Kellogg Foundation for an in-service training program for high school science teachers. Special attention will be directed to having students apply knowledge they have learned in the classroom to daily life. The funds will support a series of workshops for the teachers.

--\$59,500.00 from the Procter and Gamble Company to study conservation as related to the use of disposable diapers. The study will look at the diaper materials present after final decay in the landfill.

--\$487,000.00 from C-I-C Net to provide computer network support services for the member institutions of the Committee on Institutional Cooperation. The data base provides a regional network within a seven state region of the Midwest.

That completes my report, Madam Chair.

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### **HOSPITALS BOARD COMMITTEE REPORT**

Mr. Teaford:

The following are highlights from the December 1990 and January 1991 Hospitals Board activities:

**HOSPITALS BOARD COMMITTEE REPORT (contd)**

Mr. Teaford: (contd)

On December 13, the Professional Affairs/Education/Research Committee reviewed quality indicators and trends for the Hospitals overall and for nursing quality. The Committee asked the Executive Director, Medical Director, and Chief of Staff to work out solutions to the complex issues that cause admitting delays. All other indicators were within appropriate levels or the requested actions were deemed acceptable.

At the December Hospitals Board meeting, Mr. Shkurti reviewed the September 30 James Cancer Hospital financial report with Board members. Dr. Tzagournis reported that the Cancer Hospital will probably reach a break-even status in its fourth year of operation. Mr. Fraley pointed out that the combined James Cancer Hospital/University Hospitals enterprise has more admissions, more patient days, and higher daily census than last year's actual or this year's budget. Mr. Ralph Hudson presented details relating to the planned College of Medicine Research Facility. The \$12 million for construction is to be raised through a bond issue, which will be retired through monies pledged by the College of Medicine's central practice groups and individual clinical departments.

On January 24, the Administrative/Operations Committee, along with Mr. Hilligoss and representatives of Deloitte and Touche, reviewed the Letter of Recommendations to University Hospitals resulting from the audit for the year ending June 30, 1990. The auditors discussed the six recommendations made, and commented that they did not encounter any material weaknesses in the internal control structure and its operation. There has been excellent communication and cooperation among the auditors and Hospitals personnel. Impact of the audit on the Hospitals' 1989-90 financial statement was an adjustment of \$220,000 in net income; therefore, the net loss for last year was \$1.8 million instead of \$1.6 million.

At the January Executive Committee meeting, Dr. Smead complimented the Hospitals' Administration for sharing strategic planning and marketing information with the medical staff's elected officers. The December financial report revealed that admissions and patient days continued to exceed budget. In stark contrast to the numbers I just gave you, the Net income year-to-date was \$830,000 versus a budgeted loss of \$808,000 -- so we have a positive improvement of \$1.6 million. Ms. Judy Gilliam, who is head of nursing, presented an in-depth progress report on implementation of strategies for coping with the national nursing shortage. These include recruitment activities, pilot units, scholarship programs, school affiliations, special training programs, and a career ladder for nurse advancement. Because of these efforts, University Hospitals was able to open 27 additional beds during the past 12 months, with 6 more beds planning to open in February.

Mr. Fraley requested and was granted authorization to increase the capital equipment budget from \$7 million to \$7.75 million for the current fiscal year. About \$500,000 of the increase is in savings realized from the Health Insurance Premium Holiday, and \$250,000 will be taken from the current excess of revenues over expenses. The funds will be used to cover the cost overrun for the MRI building and for previously unfunded equipment requests. Mr. Fraley reported that the Joint Commission on Accreditation of Healthcare Organizations awarded University Hospitals a full 3-year accreditation and, in addition, sent a letter of commendation for the Hospitals' outstanding performance. I've been informed that a letter of commendation only goes to hospitals in the United States that are in the top 10 percent. The most wonderful thing about the 3-year accreditation is that they don't

## HOSPITALS BOARD COMMITTEE REPORT (contd)

Mr. Teaford: (contd)

even have to file any reports for 3 years, which is an almost unbelievable accomplishment.

During December and January we also reviewed: medical staff issues; Medical Center development activities; safety statistics; Certificate of Need and construction projects; the SkyMed helicopter program; and the Hospitals public relations and media coverage. We also learned that some revisions to the Medical Staff Bylaws have been proposed. These include changing the medical staff appointment term from 1 year to 2 years, and the creation of a special committee to deal with any instances of physician impairment. The appropriate Bylaws revisions will be brought to the Hospitals Board and then forwarded to this Board for final approval.

I also want to call your attention to a notification that appeared in the paper over the last couple of days that featured The Ohio State University Hospitals being awarded one of the four positions in the Medicare Heart Bypass Surgery Project. Only four hospitals in the United States were chosen out of 206 hospitals which applied. Once again, we see further prove of the outstanding work that is being done in the Hospitals despite the budget problems.

That completes my report, Madam Chair.

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## INVESTMENTS COMMITTEE REPORT

Mr. Teaford:

This report was a happy one all the way through, Madam Chair. We first heard the portfolio report in which there has been an increase of \$13.9 million in the market value of the portfolio since the last meeting. And as a consequence, the portfolio is now \$319 million, almost back to the \$321 million it was at the end of June.

Six of our nine equity managers beat the Standard and Poor; and I am happy to report that Standard and Poor is back on the plus side. Particularly interesting to note is that the student investment group, which had the second highest performance of any of our investment advisors, was 6.7 percent above the Standard and Poor average. On the fixed income side all five of our managers beat the Shearson Index, which is the equivalent of Standard and Poor on the fixed side.

We also received the Quarterly report as of December 16. So far in the fiscal year we have 53 new funds in the endowment; in all of last year we had 80. So we are on target for a record year. So far \$16.4 million has been distributed in endowment income. It is interesting to compare that the per share distributions from the endowment have increased by 50 percent since 1985. So in other words, if your department was entitled to receive monies back in 1985, they are getting 50 percent more from that same fund. We had \$13 million in additions so far this quarter, last year was a record of \$22 million, so we may beat last year.

**INVESTMENTS COMMITTEE REPORT (contd)**

Mr. Teaford: (contd)

We also saw the comparisons with the higher education index and the CPI. You will recall that one of the goals of the endowment fund is to beat those indexes and using 1980 as a base year of 100, we have gone from 100 to 220. The higher education index is only at 182, and the CPI at 164. So you can see we are significantly beating that.

We also had a report on the River Road Hospital Corporation, the Ramada down the street, again, a very positive report. Occupancy has doubled to 62 percent; revenues have doubled to \$4 million; and the cash flow, which is net profit less depreciation, has gone from the previous year's loss of \$1.4 million, to a positive \$4,000. We also had a report on the Busch Boulevard Centre which we acquired last year. It maintains currently 82 percent occupancy, and Ms. Casto and I can assure you that is a remarkable figure in this day and age. It had a net income of \$235,000, which is a return on the investment of 8.72 percent. Which is not bad at all.

Finally, we received a Development Fund report equally exciting. The dollars contributed are up 36 percent over last year. I might point out that when you back out pledges which had come in during the Campaign we are still over last year in terms of receipts. The number of donors is up 16 percent. There were 42,000 donors so far this year; 21,000 of them in the month of December -- the third best month in the history of the fund. And the period from October to December was the best quarter ever.

That completes my report, Madam Chair.

Mrs. Bowser:

Thank you. That was indeed a good report. It is nice to hear the students doing so well. It's wonderful.

(See Appendix XLVI for complete context of The Ohio State University Endowment Summary, January 18, 1991, page 803.)

(See Appendix XLVII for complete context of The Ohio State University Endowment Fund Quarterly Reports, December 21, 1990, page 815.)

(See Appendix XLVIII for chart on The Ohio State University Endowment Fund Property, December 31, 1990, page 825.)

(See Appendix XLIX for complete context of the 1990-91 Fundraising Performance and the chart on The Ohio State University Foundation and Development Fund Receipts, July - December 1989 compared to 1990, page 827.)

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**ACADEMIC AFFAIRS COMMITTEE REPORT**

Mr. Shumate:

The Academic Affairs Committee met this morning and received a report from Dr. David Hothersall, Director of the University Honors Program and Professor of Psychology. Currently, there are 3,771 students who are members of the University Honors Society. This quarter 53 Honors courses are being offered. Last year, 120 graduating students completed an Honors thesis. Honors students in last year's graduating class won a Fulbright Fellowship and prestigious fellowships from the National Science Foundation; the National Institute of Mental Health; the Department of Defense; and the Rotary Foundation. In January, three Ohio State students were selected as Truman Scholar finalists. Merit based scholarships available at Ohio State for this year's incoming class have significantly improved. We are now able to offer 50 Distinguished Scholarships for National Merit and National Achievement Scholars. We are also able to offer 10 Presidential Scholarships and 40 Medalist Scholarships. It is expected that these awards will improve and increase the number of high ability students who are attending this University.

In addition, Dr. Hothersall reported that there is a rich and diverse program of co-curricular activities that are sponsored by the Honors Society. Highlights from this year's program include a visit by Supreme Court Justice Anthony Kennedy; a dinner and discussion at Honors House with members of this Board; the successful Leadership Ohio State Conference; the Mershon Honors Global Affairs Conference; and a spring trip to Toronto. The Honors Society is also sponsoring publication of the Mosaic and the Renaissance Festival. Ohio State's seven honoraries indeed have rich traditions and they play a very active role in this University.

Plans for the future include continued attention to attracting high ability students to Ohio State; establishment of an alumni and faculty Honors Advisory Board; and a program to identify and mentor candidates for post-graduate awards such as Rhodes, Marshall, and Truman Scholarships. We indeed should be very proud of this Honors Program and the job that Dr. Hothersall has been doing since his appointment in September.

In addition, Madam Chair and members of the Board, we are recommending the following resolutions:

**THE MARTHA G. AND MILTON STAUB CHAIR FOR  
RESEARCH IN OPHTHALMOLOGY**

Resolution No. 91-76

Synopsis: The Academic Affairs Committee recommended the approval to change the "Martha G. and Milton Staub Chair for Research in Ophthalmology Fund" to "The Martha G. and Milton Staub Chair for Research in Ophthalmology."

WHEREAS in accordance with the guidelines previously established by this Board, the "Martha G. and Milton Staub Chair for Research in Ophthalmology Fund" was established on December 9, 1982; and

WHEREAS all gifts are to be invested in the University's permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates; and

February 1, 1991 meeting, Board of Trustees

**THE MARTHA G. AND MILTON STAUB CHAIR FOR  
RESEARCH IN OPHTHALMOLOGY (contd)**

WHEREAS at the time of the establishment of the endowed fund it was agreed that the fund be redesignated "The Martha G. and Milton Staub Chair for Research in Ophthalmology" when the level of funding reached \$750,000.00; and

WHEREAS the funding has now reached the level required through unexpended earnings on the original investment:

NOW THEREFORE

BE IT RESOLVED, That the "Martha G. and Milton Staub Chair for Research in Ophthalmology Fund" be changed to "The Martha G. and Milton Staub Chair for Research in Ophthalmology." In keeping with the provisions of the original endowed fund, the annual income shall be used to provide support for the work of a distinguished researcher in Ophthalmology.

Upon motion of Mr. Shumate, seconded by Mr. Teaford, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY**

Resolution No. 91-77

Synopsis: The Academic Affairs Committee recommended the approval of the following amendments to the Rules of the University Faculty.

WHEREAS the University Senate pursuant to rule 3335-1-09 of the Administrative Code is authorized to recommend through the President to the Board of Trustees the adoption of amendments to the Rules of the University Faculty as approved by the University Senate; and

WHEREAS the proposed changes in the Rules of the University Faculty were approved by the University Senate on March 3 and December 1, 1990, as follows:

**AMENDED RULES**

3335-5-03 Appointment of faculty and staff; tenure.

The board of trustees shall annually appoint the president and all employees of the university not in the classified civil service, subject to the laws of the state of Ohio, and in the case of regular faculty, to the rights and protection of tenure as provided for in these rules. Tenure is a commitment by the university and may be earned by all individuals with regular faculty status subject to successful completion of a probationary period. Regular faculty status is defined in rule 3335-5-19 of the Administrative Code. The protections of tenure and academic freedom extend to all levels of faculty responsibility within the university in accordance with rule 3335-5-01 of the Administrative Code and are not restricted to activities identified with specific instructional, research or public service programs. Tenure is lost only by formal resignation, by voluntary reduction of appointment below fifty per cent of service to the university (as specified in the notice(s) of appointment) except in the case of an approved leave of absence, by retirement, by transfer to regular clinical faculty or auxiliary status, or may be terminated by reason of proved incompetence or grave misconduct in accordance with rule 3335-5-04 of the Administrative Code, for causes set forth in rule 3335-5-02 of the Administrative Code, or under the conditions of bona

**AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)**

vide financial exigency, as specified in rule 3335-5-021 of the Administrative Code. Tenured members of the regular faculty who serve the university as administrators do not lose tenure by virtue of being administrators.

**3335-5-37 Membership.**

There shall be a university senate, a unicameral body constituted as follows:

- (A) Voting members: the voting members of the senate (throughout this document the word "senate" shall be taken to mean the university senate) shall consist of:

Twenty-five administration members  
Seventy faculty members  
Forty-one student members, consisting of twenty-six undergraduate, ten graduate, and five professional student members.

Any change in the number of members representing one of three primary categories shall necessitate an adjustment in the total membership in order to maintain to the nearest percentage the ratio of these numbers.

- (B) Non-voting members: senate members not entitled to vote on the floor of the senate, but otherwise to participate in all senate deliberations, shall include the university ombudsperson, the director of alumni affairs, the secretary of the university senate, the president of the freshman senate, the president of the undergraduate student government, the vice president of the undergraduate student government, the president of the council of graduate students, and the president of the inter-professional council.

**3335-47-06 Tenure initiating unit.**

- (A) A tenure initiating unit is a division, department, school, or college approved by the council on academic affairs, the university senate, and the board of trustees. A tenure initiating unit has the following responsibilities for all faculty members assigned to it: to assist in professional development; to evaluate; to maintain official personnel records; and to initiate promotion, tenure, and nonrenewal recommendations. The office of academic affairs shall be responsible for maintaining the official list of tenure initiating units.
- (B) A single division, department, school, or college must serve as the tenure initiating unit for each faculty member, including individuals with multiple appointments. Multiple appointments to the regular faculty totaling fifty per cent or more of service to the university shall be considered to be the same as a single appointment of fifty per cent or more for the purpose of determining eligibility for tenure or tenure candidacy.
- (C) Change of tenure initiating unit may occur only with the voluntary consent of the faculty member, and with the approval of the vice president for academic affairs and provost and that of a simple majority of all tenured faculty members in the receiving tenure initiating unit.
- (D) Should a tenure initiating unit cease to exist, every effort shall be made by the vice president for academic affairs and provost to transfer each faculty member in that tenure initiating unit to another tenure initiating unit, in accordance with the provisions of paragraph (C) of this rule. Should such agreement be impossible, the person's tenure responsibility shall reside with the vice president for academic affairs and provost. The vice president for academic affairs and provost shall assign the faculty member appropriate duties. If the faculty member's previous assignment has been at a regional campus, the vice president for

**AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)**

academic affairs and provost shall consult with the dean and director of the regional campus regarding an appropriate assignment. The provisions in this section do not supersede the requirements for treatment of tenured faculty members during conditions of financial exigency as specified in rules 3335-5-021, 3335-5-022, and 3335-5-023 of the Administrative Code.

**3335-47-07 Campus assignment.**

- (A) Every member of the faculty shall be assigned to serve on one of the university's campuses: the central campus in Columbus, the regional campuses in Lima, Mansfield, Marion, and Newark, or the agricultural technical institute (Wooster).
- (B) Decisions regarding the selection, assignment, responsibilities, salary, assessment, and promotion of a regional campus faculty member should involve full cooperation between the tenure initiating unit and the regional campus administration. All formal personnel recommendations must bear the signatures of the chairperson of the tenure initiating unit, the dean of the college of the tenure initiating unit, the dean and director of the regional campus, and the vice president for academic affairs and provost or designee.
- (C) Campus reassignment may occur only with the voluntary consent of the faculty member, and with the approval of the vice president for academic affairs and provost and that of a simple majority of all tenured faculty members in the transferee's tenure initiating unit when the reassignment is from a regional campus to the Columbus campus or all tenured faculty members on the receiving regional campus when the transfer is to a regional campus.

**3335-47-08 TO BE RESCINDED.**

**3335-9-171 Additions to approved schedules.**

- (A) Until the official closing time on the first Friday of a quarter additions to approved schedules in undergraduate colleges require the approval of the student's enrollment unit.
- (B) After the first Friday of a quarter and until the official closing time of the second Friday, additions to approved schedules require the permission of the instructor (or, with the instructor's concurrence, a representative as appointed by the department) and the approval of the student's enrollment unit.
- (C) After the second Friday of a quarter, additions to approved schedules require the permission of the instructor (or, with the instructor's concurrence, a representative as appointed by the department), the permission of the chairperson of the instructor's department or the director of the school (or of the designated representative of the chairperson or the director), and the approval of the student's enrollment unit.
- (D) After the third Friday of the quarter, additions to approved schedules will not be permitted. exceptions will be granted only by petition. petitions must be filed with the authorized representative of the dean or director of the enrollment unit. Petitions will be approved only on the basis of clearly documented clerical error or unusual and extenuating circumstances beyond the student's control.

**AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)**

- (E) Because of the accelerated nature of summer-term courses, deadlines for adding these courses are as follows: from the first day of classes until the official closing time on the first Friday of each summer term a student may add a course only with the permission of the instructor (or, with the instructor's concurrence, a representative as appointed by the department) and the approval of the student's enrollment unit. After this date a student wishing to add a summer-term course to the approved schedule must have, in addition, the permission of the instructor's department chairperson or the director of the school (or of the designated representative of the chairperson or the director).
- (F) For courses of shorter duration deadlines and approval procedures will be established by the instructional unit in which the course is offered after consultation with the office of the university registrar.
- (G) The graduate school and graduate professional colleges shall formulate rules to govern additions to approved schedules, subject to approval of the council on academic affairs and publish them in their respective bulletins.

NOW THEREFORE

BE IT RESOLVED, That the foregoing amendments to the Rules of the University Faculty be adopted as recommended by the University Senate.

Upon motion of Mr. Shumate, seconded by Amb. Wolf, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

Mr. Shumate:

I would also like to note for the record, Madam Chair, that we thank the administrators for providing the impact statements and the background memorandum on these important amendments.

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**CLEVELAND CLINIC FOUNDATION – THE OHIO STATE UNIVERSITY  
ACADEMIC PARTNERSHIP**

Resolution No. 91-78

Synopsis: The Academic Affairs Committee recommended the Cleveland Clinic Foundation - The Ohio State University Academic Partnership.

WHEREAS for the reasons stated in the preamble to the attached agreement it is in the best interest of The Ohio State University to enter into an agreement with the Cleveland Clinic Foundation to establish an academic partnership:

NOW THEREFORE

BE IT RESOLVED, That the Board of Trustees of The Ohio State University hereby approves of an academic partnership between The Ohio State University and the Cleveland Clinic Foundation consistent with the general principles contained in the attached draft agreement; and

FURTHER, authorizes the President and/or Senior Vice President for Academic Affairs and Provost to execute an agreement to implement the partnership consistent with those principles; and

February 1, 1991 meeting, Board of Trustees

**CLEVELAND CLINIC FOUNDATION – THE OHIO STATE UNIVERSITY  
ACADEMIC PARTNERSHIP (contd)**

FURTHER, authorizes the University administration to continue to develop this partnership, entering into such other agreements, that are in the best interest of The Ohio State University, and are necessary to the further development of this relationship, keeping the Board of Trustees appropriately informed of future developments.

Upon motion of Mr. Shumate, seconded by Mr. Teaford, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix L for complete agreement of the Cleveland Clinic Foundation--The Ohio State University Academic Partnership, page 831.)

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**Honorary Degree**

Background

**Martin Meyerson**

Martin Meyerson was the University of Pennsylvania's president from 1970 to 1981. Educator and author, he serves nationally and internationally with governmental and cultural programs, and with companies and private organizations. His accomplishments were reviewed when the building for the Graduate School of Fine Arts was named Meyerson Hall by the Trustees. Their resolution read in part: "The extraordinary intellectual and physical integration of the University in which we take such pride is in large measure a tribute to the leadership of Martin Meyerson." The chairman of the Trustees added, "No one in the history of our institution has done so much to internationalize the university." In 1986 he became president of FISCIT, the Foundation for the International Exchange of Scientific and Cultural Information by Telecommunications, which is chartered in Switzerland and in the United States. Between 1981 and 1985, Martin Meyerson served as chairman of the board of the Institute of International Education. Having acted as president of the board of the International Association of Universities (based in Paris), he was designated Honorary President in 1985. Selected as an Overseas Fellow of Churchill College, Cambridge University, he is a trustee of the International Council for Educational Development and has served as a Director's Visitor at the Institute for Advanced Study in Princeton.

He began an academic career in 1948 to 1952 as an assistant professor of the social sciences at the University of Chicago in its college and graduate division. In 1949, he was an associate of the Committee on National Policy at Yale University. He became, in 1957, the Frank Backus Williams Professor of City Planning and Urban Research at Harvard University and 1963 acted as dean of that university's Graduate School of Design. From 1958 to 1963, he was the first director of the M.I.T.-Harvard Joint Center for Urban Studies, a research group working on theoretical and applied problems. In 1963, he was appointed dean of the College of Environmental Design of the University of California at Berkeley, and in 1965, acted as chancellor of Berkeley.

Martin Meyerson became president of the State University of New York at Buffalo in 1966. Time magazine featured him in a review of campuses as one of four university presidents who "have done uncommonly well." From 1969 to 1974, he chaired the Assembly on University Goals and Governance, a national effort to aid higher education.

February 1, 1991 meeting, Board of Trustees

**Honorary Degree (contd)**

Background (contd)

Martin Meyerson (contd)

Martin Meyerson is principal author of the following books: Politics, Planning and the Public Interest, 1955 (Free Press/Macmillan); Housing, People and Cities, 1962 (McGraw-Hill); Face of the Metropolis, 1963 (Random House); Boston: The Job Ahead, 1966 (Harvard University Press); and Gladly Learn and Gladly Teach, 1978 (University of Pennsylvania Press). Two of the above were co-authored with Edward C. Banfield.

Professor Meyerson was editor of Conscience of the City in 1970, a book sponsored by the journal of the American Academy of Arts and Sciences, Daedalus, on whose board of editors he serves. He is also on the editorial board of the Encyclopedia Britannica. He edited a book series for McGraw-Hill, and various of his books, reports and articles have been translated and published in European and Asian languages. He organized and moderated a U.S. Bicentennial series on cultural and policy issues for Westinghouse Broadcasting.

Martin Meyerson received his B.A. from Columbia University and, in 1949, an M.C.P. from Harvard University, where he was a Wheelwright Fellow. He holds eighteen honorary ScD, LL.D, DFA, DHL, Dr. Honoris Causa and Dr. Litt. degrees from universities and colleges in the United States and from Shiraz University in Iran, Queen's University in Canada, and the University of Edinburgh in the U.K. Martin Meyerson is an honorary professor of the National University of Asuncion.

Professor Meyerson is a Fellow of the American Academy of the Arts and Sciences. A Franklin Fellow of the Royal Society of Arts in Great Britain, and he is an Academician of Academie Europeene des Sciences, des Arts et des Lettres. Martin Meyerson was the recipient of a special award at the commemorative meeting of the American Institute of City Planners, of which he is a past governor. He received the Einstein Award of the American Technion Society, the John Jay Award from Columbia University, and 1982, an award for "Outstanding Service to Improve Sino-American Cultural Relations." In 1984, he was honored by the University of California, Berkeley, "For Distinguished Achievement." He has been decorated a Commander of the Order of Merit of the Republic of Italy. In 1990 he was awarded the Order of the Rising Sun by the Government of Japan.

**HONORARY DEGREE**

Resolution No. 91-79

Synopsis: The Academic Affairs Committee recommended the approval of an Honorary Degree for Martin Meyerson.

WHEREAS the Committee on Honorary Degrees and the University Senate, pursuant to rule 3335-5-488 of the Administrative Code, have approved for recommendation to the Board of Trustees awarding of an honorary degree as listed below:

Martin Meyerson

Doctor of Humane Letters

NOW THEREFORE

February 1, 1991 meeting, Board of Trustees

**HONORARY DEGREE (contd)**

BE IT RESOLVED, That the honorary degree be awarded in accordance with the recommendation at a time convenient to the University and the recipient.

Upon motion of Mr. Shumate, seconded by Ms. Casto, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**DEGREES AND CERTIFICATES - WINTER QUARTER COMMENCEMENT**

Resolution No. 91-80

Synopsis: The Academic Affairs Committee recommended the approval of Degrees and Certificates for Winter Quarter.

WHEREAS pursuant to paragraph (E) of rule 3335-1-06 of the Administrative Code, the Board has authority for the issuance of degrees and certificates; and

WHEREAS the faculties of the colleges and schools shall transmit, in accordance with rule 3335-9-29 of the Administrative Code, for approval by the Board of Trustees the names of persons who have completed degree and certificate requirements; and

WHEREAS the College of Business has recommended that Scott D. Meeker be awarded a Bachelor of Science in Business Administration degree posthumously.

NOW THEREFORE

BE IT RESOLVED, That the degrees and certificates be conferred on March 22, 1991, to those persons who have completed the requirements for their respective degrees and certificates and are recommended by the colleges and schools, and that Scott D. Meeker be awarded the above named degree, posthumously, and that the names of those persons awarded degrees and certificates be included in the minutes of this meeting.

Upon motion of Mr. Shumate, seconded by Mr. Teaford, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**PERSONNEL ACTIONS**

Resolution No. 91-81

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the December 6, 1990 meeting of the Board, including the following Appointment, Reappointment of Principal Administrative Official, Appointment of Chairpersons of Departments, Reappointment of Chairperson of Department and Executive Director of Center, Leaves of Absence Without Salary, Leave of Absence Without Salary--Change in Dates, Professional Improvement Leave--Cancellation, Professional Improvement Leave--Change in Dates, Tenure, Emeritus Titles and the Medical Staff Appointments for The Arthur G. James Cancer Hospital and Research Institute as detailed in the University Budget be approved and the Medical Staff Appointments and Reappointments approved December 13, 1990, by the Hospitals Board be ratified.



February 1, 1991 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

Leaves of Absence Without Salary (contd)

DAVID S. STEIN, Associate Professor, School of Allied Medical Professions, effective December 6, 1990, through June 3, 1991, on military leave.

CAROL ARKIN, Assistant Professor, Department of Psychology, effective Winter Quarter, Spring Quarter, and Autumn Quarter 1991, for personal reasons.

HUGH C. DONAHUE, Assistant Professor, School of Journalism, effective Winter Quarter 1991, conduct research in Japan.

CLARE C. O'NEILL, Assistant Professor, Department of Educational Studies: Humanities, Science, Technological, and Vocational, effective January 1, 1991, through January 31, 1991, for personal reasons.

NANCY A. RYAN-WENGER, Assistant Professor, Department of Life Span Process, effective January 7, 1991, through June 30, 1991, on military leave.

ALLESSANDRO SAVO, Assistant Professor, Department of Mathematics (Newark Campus), effective Winter Quarter and Spring Quarter 1991, to deliver a series of seminars and to collaborate in a research project at the University of Rome.

Leave of Absence Without Salary--Change in Dates

CHUNG-MIN CHEN, Chairperson and Associate Professor, Department of Anthropology, change leave from February 1, 1990 through January 31, 1991, to February 1, 1990 through February 28, 1991.

Professional Improvement Leave--Cancellation

JOHN A. NEGULESCO, Associate Professor, Department of Cell Biology, Neurobiology and Anatomy, effective September 1, 1990 through March 31, 1991.

Professional Improvement Leave--Change in Dates

HARRIS P. KAGAN, Associate Professor, Department of Physics, change leave from Winter Quarter, Spring Quarter, and Autumn Quarter 1991, to Spring Quarter and Autumn Quarter 1991, and Winter Quarter 1992.

Tenure

HORACE E. NEWSUM, Associate Professor, Black Studies Approved - 7/1/91

BEVERLY R. BLETSTEIN, Assistant Professor, School of Music  
(Lima Campus) Approved -10/1/90

Emeritus Titles

EDWARD E. DARROW, College of Agriculture--Administration, with the title Assistant Dean Emeritus, effective February 1, 1991.

GEORGE R. APP, College of Dentistry (Periodontology), with the title Professor Emeritus, effective February 1, 1991.

February 1, 1991 meeting, Board of Trustees

### PERSONNEL ACTIONS (contd)

#### Emeritus Titles (contd)

ROBERT W. HOWE, Department of Educational Studies: Humanities, Science, Technological, and Vocational, with the title Professor Emeritus, effective January 1, 1991.

SAID H. KOOZEKANANI, Department of Electrical Engineering, with the title Professor Emeritus, effective January 1, 1991.

SHELDON I. LUSTICK, Department of Zoology, with the title Professor Emeritus, effective January 1, 1991.

WILLIAM M. PROTHEROE, Department of Astronomy, with the title Professor Emeritus, effective February 1, 1991.

DUANE R. SKIDMORE, Department of Chemical Engineering, with the title Professor Emeritus, effective February 1, 1991.

JAMES R. KREUTZFELD, School of Allied Medical Professions, with the title Instructor Emeritus, effective January 1, 1991.

#### Medical Staff--Appointments (The Arthur G. James Cancer Hospital and Research Institute)

BENJAMIN, DAVID, M.D., Attending Staff, Department of Internal Medicine--Division of Hematology/Oncology

COLEMAN, CARL R., M.D., Clinical Attending Staff, Department of Surgery--Division of Orthopaedics

GREENSON, JOEL K., M.D., Associate Attending Staff, Department of Pathology

HACKSHAW, KEVIN V., M.D., Associate Attending Staff, Department of Internal Medicine--Division of Rheumatology

MARQUARD, JAMES V., D.D.S., Associate Attending Staff, College of Dentistry

SOMERS, WILLIAM J., M.D., Associate Attending Staff, Department of Surgery--Division of Urology

#### Medical Staff--Appointments/Reappointments (The Ohio State University Hospitals)

ADAMCAK, CHRISTINE B., Courtesy Staff, Department of Family Medicine

AULT, KEVIN A., Limited Staff, Department of Obstetrics and Gynecology

BARRETT, GREGORY A., Courtesy Staff, Department of Pediatrics

BENJAMIN, DAVID, Attending Staff, Department of Internal Medicine--Division of Hematology/Oncology

COULING, SIDNEY L., Courtesy Staff, Department of Pediatrics

CROUSER, ELLIOTT D., Limited Staff, Department of Internal Medicine--Division of General Medicine

February 1, 1991 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

Medical Staff--Appointments/Reappointments (The Ohio State University Hospitals) (contd)

DAYTON, MARK A., Attending Staff, Department of Internal Medicine--Division of Hematology/Oncology

DIAZ, DONNA T., Courtesy Staff, Department of Obstetrics and Gynecology

DIETRICH, ANN M., Attending Staff, Department of Pediatrics

DUBIN, ALEX R., Courtesy Staff, Department of Pediatrics

EATON, GREGORY M., Limited Staff, Department of Internal Medicine--Division of Cardiology

FERNALD, WILLARD B., Courtesy Staff, Department of Pediatrics

FLEISHMAN, BRUCE L., Courtesy Staff, Department of Internal Medicine--Division of Cardiology

FRYE, THOMAS R., Courtesy Staff, Department of Radiology

GEORGE, JACK M., Attending Staff, Department of Internal Medicine--Division of Endocrinology

HACKSHAW, KEVIN V., Attending Staff, Department of Internal Medicine--Division of Rheumatology and Immunology

HEDGES, KATHRYN A., Limited Staff, Department of Neurology

HULL, WALTER B., Limited Staff, Department of Obstetrics and Gynecology

IRSIK, RONALD D., Attending Staff, Department of Radiology

JOPLING, MICHAEL W., Attending Staff, Department of Anesthesiology

KAUFMAN, JEFFREY L., Courtesy Staff, Department of Internal Medicine--Division of Pulmonary Disease

KING, JOHN P., Courtesy Staff, Department of Pediatrics

KLAMAR, JOHN A., Courtesy Staff, Department of Pediatrics

KUEBLER, JOHN P., Courtesy Staff, Department of Internal Medicine--Division of Hematology/Oncology

LADSON-WOFFORD, STEPHANIE E., Attending Staff, Department of Internal Medicine--Division of General Medicine

LAMB, JAMES F. Attending Staff, Department of Internal Medicine--Division of General Medicine

LIMBERT, JAMES G., Courtesy Staff, Department of Ophthalmology

LITTLE, DAVID R., Limited Staff, Department of Family Medicine

LITTLETON, ANNE D., Courtesy Staff, Department of Pediatrics

February 1, 1991 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

Medical Staff--Appointments/Reappointments (The Ohio State University Hospitals) (contd)

LOGEE, MARY JO, Limited Staff, Department of Preventative Medicine

LOMBARDO, JOHN A., Attending Staff, Department of Family Medicine

MCDONALD, JOHN S., Attending Staff, Department of Obstetrics and Gynecology

MORRIS, VICKI, Limited Staff, Department of Internal Medicine--Division of Infectious Disease

NAPPI, JAMES F., Attending Staff, Department of Surgery--Division of Plastic Surgery

NOWICKI, PHILIP T., Attending Staff, Department of Pediatrics

O'DONNELL, FRANCIS J., Courtesy Staff, Department of Neurology

O'DORISIO, M. SUE, Limited Staff, Department of Pediatrics

PAIK, S. MARGARET, Limited Staff, Department of Pediatrics

PALANIAPPAN, JAWAHAR, Courtesy Staff, Department of Internal Medicine--Division of Cardiology

PAWEL, BARBARA B., Limited Staff, Department of Pediatrics

RAUCK, AMANDA M., Attending Staff, Department of Pediatrics

REAL, MARGARET A., Attending Staff, Department of Internal Medicine--Division of Cardiology

ROBERTS, DAVID E., Attending Staff, Department of Internal Medicine--Division of Cardiology

SEAY, JOSEPH P., Limited Staff, College of Dentistry

SICKLE-SANTANELLO, BRENDA, Courtesy Staff, Department of Surgery--Division of Surgical Oncology

STARLING, RANDALL C., Attending Staff, Department of Internal Medicine--Division of Cardiology

STEIMAN, GERALD S., Courtesy Staff, Department of Pediatrics

STEINEM, CYNTHIA A., Courtesy Staff, Department of Pediatrics

TANIGUCHI, MARSHALL, Attending Staff, Department of Physical Medicine and Rehabilitation

TAYLOR, RENEE S., Courtesy Staff, Department of Pediatrics

TEITELBAUM, DANIEL H., Limited Staff, Department of Surgery--Division of Pediatric Surgery

THORNE, CYNTHIA A., Courtesy Staff, Department of Pediatrics

VEACH, J. DOUGLAS, Courtesy Staff, Department of Obstetrics and Gynecology

February 1, 1991 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

Medical Staff--Appointments/Reappointments (The Ohio State University Hospitals) (contd)

VERGHESE, GEORGE B. K., Limited Staff, Department of Surgery--Division of Orthopedic Surgery

VIVIAN, STEPHEN J., Attending Staff, Department of Internal Medicine--Division of Cardiology

VORYS, ANN S., Attending Staff, Department of Internal Medicine--Division of Infectious Disease

WASHINGTON, WILLIAM L., Limited Staff, Department of Family Medicine

WEISS, MICHAEL L., Attending Staff, Department of Family Medicine

WRIGHT, FRANK C., Courtesy Staff, Department of Obstetrics and Gynecology

ZALEZ, JAMES P., Limited Staff, Department of Surgery--Division of General Surgery

Upon motion of Mr. Shumate, seconded by Mr. Celeste, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**RESOLUTIONS IN MEMORIAM**

Resolution No. 91-82

Synopsis: The Academic Affairs Committee recommended the approval of Resolutions in Memoriam for Leota Balsizer, Robert Bartels, Scott Falkenthal, Truman G. Foster, Wallace C. Fotheringham, John D. Holzaepfel, Joseph A. LaRocque, Richard V. Northrup, Henry J. Schmidt, and Douglas C. Williams.

RESOLVED, That the Board adopt the following Resolutions in Memoriam and that the President be requested to convey a copy to the families of the deceased.

**Leota Balsizer**

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on November 6, 1990, of Leota Balsizer, Assistant Professor Emeritus in the Cooperative Extension Service.

Leota Balsizer was born on November 15, 1912, in Pattersonville, Ohio. She received her B.S. in Education from Kent State University in 1933. Graduate work was done at Colorado State University and Cornell University where she received an M.S. degree, School of Home Economics in 1955. Her professional career began as a caseworker with the Medina County Relief Administration in 1933. In 1936, she became associated with Aid for Dependent Children and Aid for the Blind in Medina. Leota Balsizer joined the Farm Security Administration in Bowling Green, Ohio, in 1938. Her extension career began in 1942 as a Home Demonstration Agent in Sandusky County in Fremont, Ohio. From 1949 until 1952 she was a Home Demonstration Agent in the Cuyahoga County Extension Service, and later transferred to Sandusky County in 1952. She remained in this position until 1970, when she accepted the Area Home Economics Extension Position in Fremont, Ohio, and continued in this position until her retirement in 1972.

February 1, 1991 meeting, Board of Trustees

## RESOLUTIONS IN MEMORIAM (contd)

Leota Balsizer (contd)

Professor Balsizer was an active participant and member of the American Home Economics Association, Ohio Home Economics Association, National Association of Extension Home Economists, Ohio County Extension Agents Association, and Epsilon Sigma Phi. She was nominated as one of twenty women recognized for her contribution to better living in the area.

Leota Balsizer's contributions included her dedicated interests to the home economics programs in Sandusky County and the Fremont Area Center for many years. Her continued professional contributions were deeply appreciated.

On behalf of the University community, the Board of Trustees expresses its sympathy and understanding to her family and friends. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees as an expression of the Board's heartfelt sympathy.

Robert Bartels

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on September 16, 1989, of Robert Bartels, Professor Emeritus of Marketing in the College of Business.

Professor Bartels was born in Wheeling, West Virginia, on January 28, 1913. He received his undergraduate education at Carnegie Institute of Technology and The Ohio State University, where he received his B.S. degree in 1935. He received an MBA from Northwestern in 1936 and a Ph.D. from Ohio State in 1941. Professor Bartels initially taught at the University of Washington and, for a short period, at the University of California at Berkeley. He subsequently became a member of the faculty at Ohio State and to many of his students, Professor Bartels was a treasured mentor and friend. He was named Professor Emeritus in 1978.

Professor Bartels authored numerous books and articles on marketing theory. His research was widely published in the United States, and some of his publications were translated into Spanish, French, Japanese, and Greek. Two of his books, The Development of Marketing Thought (1962) and The History of Marketing Thought (1976, 1988) reflect Professor Bartels' intense interest in learning how personal influences affected the development of marketing thought. He was the first to examine theory development in marketing. His book, Marketing Theory and Metatheory (1970), was the result of his attempt to develop a methodology for developing marketing theory.

Dr. Bartels published two key articles in 1968 that remain classics. "Are Domestic and International Marketing Dissimilar" was the first published piece examining this subject. "The General Theory of Marketing" is still on the reading lists of many marketing theory courses. The American Marketing Association awarded him the Harold H. Maynard Award, which recognizes significant contributions to marketing theory and thought, for "Macromarketing," published shortly before his retirement.

Professor Bartels served as a Fulbright Research Scholar at the University of Salonica and the University of Athens. During his year in Greece, he authored over a dozen articles and a book on marketing in Greece. Over the years, he also lectured on American business and marketing in Canada, China, Japan, India, Mexico, Russia, Sri Lanka, and Taiwan. He was a visiting distinguished professor and guest lecturer at two dozen universities around the U.S.

February 1, 1991 meeting, Board of Trustees

## RESOLUTIONS IN MEMORIAM (contd)

Robert Bartels (contd)

On behalf of the University community, the Board of Trustees expresses to the family of Robert Bartels its deepest sympathy. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Scott Falkenthal

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on November 8, 1990, of Scott Falkenthal, Associate Professor in the Department of Molecular Genetics.

Scott Falkenthal was born April 15, 1948, in Madison, Wisconsin. He received a Bachelor of Science Degree from the University of Illinois in 1973; a Master of Science Degree at the Albert Einstein College of Medicine in 1977; and his Ph.D. from the University of California, Los Angeles, in 1980. His postdoctoral studies were conducted at the California Institute of Technology. In 1983 he accepted a faculty position in the Department of Genetics (now Molecular Genetics), and was promoted to Associate Professor with tenure in 1989. Dr. Falkenthal was also a faculty member of the Molecular, Cellular, and Developmental Biology Program at The Ohio State University.

Dr. Falkenthal was an enthusiastic and vigorous researcher who conducted pioneering studies in the molecular, cellular, and developmental biology of muscle function using *Drosophila* as a model organism. He was the author of many scientific publications in prestigious journals and was a popular speaker at regional and national scientific meetings. His work was also funded by federal agencies, including NIH, throughout his career at Ohio State.

Dr. Falkenthal taught both undergraduate and graduate level courses at the University and played key roles in the development of a graduate course in developmental biology, as well as an undergraduate laboratory course and was nominated twice for the College of Arts and Sciences Teaching Award. He served as advisor for two Master's students, five doctoral students, and one postdoctoral student.

In his seven years of service to the University, Dr. Falkenthal served as Chairman of the Molecular, Cellular, and Developmental Biology Seminar Committee; Chairman of the Genetics Curriculum Committee; member of the Genetics Graduate Committee, the Executive Committee for the reorganization of the Genetics Department, the College of Biological Sciences Library Committee, and the College of Biological Sciences Curriculum Committee.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in their loss. It was directed this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Truman G. Foster

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on September 25, 1990, of Truman G. Foster, Professor Emeritus in the Department of Mechanical Engineering.

**RESOLUTIONS IN MEMORIAM (contd)**

**Truman G. Foster (contd)**

Professor Foster, a native of Indiana, was born February 3, 1920. He completed his B.S. and M.S. studies in 1948 and 1950 from The Ohio State University, respectively. He worked as a part-time instructor and a research engineer earning his Ph.D. in 1961. In 1976, he became a Professor and served as a faculty member in the Department of Mechanical Engineering until he retired in 1986, during which time he made significant contributions to our mission of teaching, research and service.

Professor Foster developed graduate courses in failure prevention and had primary responsibility for the early development of an integrated design course long before it was a requirement by ABET. He was also among the first to introduce computer solutions in the design curriculum and initiated the first course in the department using computer-aided design. Dr. Foster made significant research contributions to the fundamental design methodology in the areas of fatigue, fretting and wear. He contributed significantly to pioneering efforts in developing the "cumulative damaged concept: in fatigue; to developing basic understanding of the mechanics of fretting-fatigue; to developing basic understanding of the mechanics of fretting-fatigue and fretting-wear; and to basic understanding of wear mechanisms, especially as related to automotive breaking applications.

Professor Foster contributed to professional societies and the student sections affiliated with them. He served on numerous ASME committees, and provided professional consultation to local industries. Dr. Foster was an effective teacher and a careful, meticulous professional engineer.

On behalf of the University the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees, and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

**Wallace C. Fotheringham**

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on September 17, 1990, of Wallace C. Fotheringham, Professor Emeritus in the Department of Communication.

Professor Fotheringham received his B.A. degree from Muskingum College in 1935 and his M.A. degree from Northwestern in 1941. He was an Assistant Professor at Muskingum College and worked at the Rochester School for the Deaf and the Mooseheart Laboratory for Child Research before coming to The Ohio State University as an Instructor in 1946. Upon receiving his Ph.D. degree from The Ohio State University in 1951, he was made an Assistant Professor. He became an Associate Professor in 1956 and Professor of Communication in 1964. He also held a joint appointment in the Department of Psychology. Upon his retirement in 1974, he was named Professor Emeritus.

**RESOLUTIONS IN MEMORIAM (contd)**

Wallace C. Fotheringham (contd)

During his 28 years as a member of The Ohio State University faculty, he worked closely and energetically with his students and is well remembered for the courses in statistics which he taught in Communication and Psychology. He advised some 30 graduate theses and dissertations in Communication. In addition to his work at The Ohio State University, he also taught as a Visiting Professor at The University of Utah, California State University at Los Angeles, and Shaw University. He was a frequent contributor to the Communication journals and published an important book, Perspectives on Persuasion. Among his many research studies were a series of investigations of speech intelligibility for the Air Research and Development Command. He served as Chair of the Department of Communication Graduate Studies Committee for many years and was Acting Department Chair in 1972.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in their loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

John D. Holzaepfel

The Board of Trustees of The Ohio State University expresses its sorrow on September 25, 1990, upon the death of John D. Holzaepfel, M.D., Professor Emeritus in the Department of Obstetrics and Gynecology.

Born in Sandusky, Ohio, Dr. Holzaepfel received a B.A. from the University of Michigan, an M.D. from the University of Michigan, and a Master of Science from The Ohio State University. His postdoctoral education consisted of an internship at Case Western Reserve University in Cleveland, and a residency at The Ohio State University from 1945 to 1948. Following his residency, he joined the faculty as a Clinical Instructor and retired as a Professor Emeritus in 1985.

Dr. John Holzaepfel was an exemplary teacher, diagnostician, clinician, and researcher. He became a Diplomate of the American Board of Obstetrics and Gynecology in 1952 and received a prize award paper on the potentiation of the effect of oncolytic viruses from the Central Association of Obstetricians and Gynecologists in 1961.

He was a member of all the distinguished organizations in obstetrics and gynecology. Dr. Holzaepfel contributed 26 publications to the scientific literature. He was a superb clinician and took care of many thousands of women during gynecologic surgery as well as delivering many children.

Dr. Holzaepfel spent 37 years serving and contributing to the Department, and his teaching was individual and instructional, done at the bed side, in the operating room, and in the outpatient department.

On behalf of the University, the Board of Trustees expresses to the family its deepest sympathy and sense of understanding in their loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

February 1, 1991 meeting, Board of Trustees

## RESOLUTIONS IN MEMORIAM (contd)

Joseph A. A. LaRocque

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on November 5, 1990, of Joseph Alfred Aurele LaRocque, Professor Emeritus in the Department of Geological Sciences.

Dr. LaRocque was born April 26, 1909, in Ottawa, Ontario, Canada, where he had all his secondary schooling. Following graduation in 1925 from Ottawa's LaSalle Academy, Dr. LaRocque was employed until 1945 as a Museum Assistant by the Geological Survey of Canada. During these years, he became an expert in the biology of Pleistocene and Recent Mollusks and contributed some 23 reports about them to various Canadian Journals.

In 1941, Dr. LaRocque matriculated in Liberal Arts at Ottawa University, and graduated with a Bachelor of Arts degree in 1945. During part of this time he also served as Instructor in Geology at Ottawa University and as Captain in the Canadian Army Reserve. His expertise and continued interest in fossil and Recent Mollusca led him in 1945 to the University of Michigan, where as a Research Assistant in the Museum of Zoology, he broadened his knowledge of mollusks through research on nonmarine Cretaceous fossils from Wyoming and Devonian forms from Michigan. He received the M.Sc. and Ph.D. degrees from the University of Michigan in 1947 and 1948, respectively.

From 1948 until his retirement in 1976, Dr. LaRocque served The Ohio State University and the Department of Geological Sciences as Assistant Professor, Associate Professor, and Professor. Although his teaching and research continued to focus primarily on nonmarine Pleistocene Mollusca, Dr. LaRocque also regularly gave a stimulating, popular first-year course in Historical Geology, an undergraduate-major course in invertebrate paleontology, and graduate seminars in paleoecology and the history of geology. His research resulted in publication of an additional 90 reports, books, and reviews; numerous invitations to lecture; membership in the prestigious International Committee on the History of Geological Sciences; honorary membership in Phi Beta Kappa; and presidency of the American Malacological Union.

Dr. LaRocque was a Fellow of the Geological Society of America, the Ohio Academy of Science, and a member of numerous other geological societies, including the Sociedad Geologica Mexicana. He also founded, edited, and for many years published *Sterkiana*, a journal devoted to the study of various groups of mollusks. Early in his tenure at The Ohio State University, Dr. LaRocque and his wife, Jeanette, sought and attained U.S. citizenship, of which they were always exceedingly proud.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Richard V. Northrup

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on November 7, 1990, of Richard V. Northrup, Associate Professor Emeritus in the Faculty of Accounting and Management Information Systems, College of Business.

February 1, 1991 meeting, Board of Trustees

## RESOLUTIONS IN MEMORIAM (contd)

Richard V. Northrup (contd)

Born in Ada, Ohio, Professor Northrup was a graduate of Miami University, where he received the Bachelor of Science degree cum laude, with honors in accounting, in 1945. He was awarded the Master of Arts degree by The Ohio State University in 1947, and was registered as a certified public accountant by the State of Ohio in 1952.

As an undergraduate, he was elected to membership in Phi Beta Kappa; Omicron Delta Kappa, men's leadership honorary; Beta Alpha Psi, professional accounting fraternity; and Delta Sigma Pi, professional commerce and business fraternity.

While studying for his master's degree, Professor Northrup was a part-time instructor at Ohio State, and was elected to membership in Beta Gamma Sigma, the honor society for collegiate schools of business. In 1947, he took a position with Haskins & Sells, Certified Public Accountants, in Cleveland, Ohio, where he remained until returning to Ohio State as an assistant professor. He was promoted to associate professor in 1958. While in Cleveland, Professor Northrup was a lecturer in accounting at Western Reserve University, in addition to his responsibilities at Haskins & Sells.

His professional memberships included the American Institute of Certified Public Accountants, the American Accounting Association, and the Ohio Society of Certified Public Accountants.

For generations of students in accounting courses, he will be remembered for his friendly concern for every student. A very popular instructor, he received an award for advising the student accounting association in 1976 and the first outstanding teaching award from the College in 1982.

On behalf of the University community, the Board of Trustees expresses its sympathy and understanding to the family of Professor Northrup. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Henry J. Schmidt

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on October 30, 1990, of Henry J. Schmidt, Professor in the Department of German.

Professor Henry Jacques Schmidt was born January 1, 1943, in Boston, Massachusetts. After receiving a Bachelor of Arts at Queens College, New York, he pursued graduate studies in German at Middlebury College, the University of Maine (M.A.) and Stanford University where he was awarded the Ph.D. in German, 1968. He was a member of the faculty at the University of Wisconsin from 1967-1969, and has been a member of the Department of German at Ohio State since 1969. A member of Phi Beta Kappa, Professor Schmidt received numerous additional honors, among them a DAAD fellowship, a Woodrow Wilson fellowship, and a Fulbright Senior Research grant. From 1983-88 Professor Schmidt was Editor of German Quarterly. In 1979 he was awarded The Ohio State University's Alumni Distinguished Teaching Award.

An accomplished musician and a specialist in German theatre and drama, he performed in hundreds of concerts and directed numerous productions for the Department. The most recent was "Pioneers in Ingolstadt," in Spring 1990.

February 1, 1991 meeting, Board of Trustees

## RESOLUTIONS IN MEMORIAM (contd)

Henry J. Schmidt (contd)

Professor Schmidt's major research areas were German drama, literature of the Enlightenment, Georg Buchner, and contemporary theatre. He was also a highly skilled literary translator. Early books by Henry Schmidt focus on the dramatist Georg Buchner; his most recent study entitled "How Dramas End" was just finished and is to be published at the University of Michigan Press, 1991.

Professor Schmidt has had a significant impact on the development of Graduate Studies in German, not only at The Ohio State University but in the profession at large. Numerous graduate students completed their Ph.D. under his wise guidance and many more were still working on their degree under his supervision most recently. Students, friends, and colleagues alike will miss his wisdom, fairness, professional generosity, and friendship.

On behalf of the University community, the Board of Trustees expresses to the family of Dr. Schmidt its deepest sympathy. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's realization of the loss that the family, the University, and his many friends, students and associates have sustained.

Douglas C. Williams

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on October 29, 1990, of Douglas C. Williams, Professor Emeritus in the Department of Metallurgical Engineering.

Professor Williams was born May 14, 1908, at Crystal Lake, Illinois. He was awarded a B.S. degree from Beloit College in 1930. After industrial work for 13 years, he entered the Graduate School at Cornell University where he received M.S. and Ph.D. degrees in engineering in 1944 and 1947, respectively.

In 1947 Dr. Williams was appointed an Assistant Professor in the Department of Industrial Engineering. Several years later he joined the Department of Metallurgical Engineering where he was subsequently promoted to Professor. Upon his retirement in 1978, Professor Williams was named Professor Emeritus.

Douglas C. Williams was a member of Phi Kappa Psi Fraternity at Chamberlain Science Club at Beloit College. His professional activities included memberships in the society of Sigma Xi and the American Foundrymen's Society. At Ohio State he was an Honorary Member of Alpha Pi Mu, Industrial Engineering Honorary Society; Texnikoi, The Ohio State University Engineering Honorary; and Alpha Sigma Mu, Metallurgical Honorary Society.

His teaching and research led to many publications in the field of casting and foundry engineering. He received several recognitions for his teaching, research, and student advising activities. He was known by all of his students as a thoughtful and stimulating person of high standards.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

### RESOLUTIONS IN MEMORIAM (contd)

Upon motion of Mr. Shuamte, seconded by Mr. Celeste, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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### STUDENT AFFAIRS COMMITTEE REPORT

Ms. Paige:

This morning we heard the University's response to the Gulf Crisis. First, Richard A. Hollingsworth, Dean of Student Life, stated that the University expresses its deep concern and support for the students, employees, and families affected by the Gulf War. For students and employees called to active duty, procedures have been developed to facilitate the transition. President Gee is sending personal letters of support to each of the 60 students and nearly 40 employees called-up to date. Families of employees are receiving calls of support from the Office of University Communication, and the families of students will be contacted by representatives of the Office of Student Affairs. To ensure that the rights of all persons to freely express their beliefs are protected, and that demonstrations are conducted in an atmosphere of civility and non-confrontation, the Office of the Dean of Student Life and the Office of University Public Safety have been in regular contact with the leadership of students supporting the government's policies, as well as those students calling for immediate peace initiatives.

Multiple educational programs on the Middle East have been instituted jointly and separately by the Office of Student Life, the Center for International Studies, the Office of International Students and Scholars, various academic departments, and student organizations, including the Students for Peace and Justice and the Undergraduate Student Government. The University is functioning at its best when we can respond on multiple levels to world events.

Next, Louise Douce, Director of Counseling and Consultation Services, informed the Board that support services are being provided for Ohio State University students who are being affected by the Persian Gulf War. Three groups are of special concern: 1) students who are obsessed with the war and unable to carry on their other activities; 2) students who are very stressed by other events or have past traumatic experiences that are being triggered by the war events; and 3) the large number of students with friends and relatives in the Gulf. In cooperation with the Faculty and Staff Assistance Program and Campus Ministries, the Office of Counseling and Consultation Services is offering a series of support workshops, a stress management hour, and a walk-in counseling service. Handouts on "Strategies to Cope with the Stress of War" and "Available Community Resources" have been prepared and are available in several locations around campus.

Finally, John Greisberger, Program Director for International Students and Scholars, stated that the total number of international students enrolled at The Ohio State University is 3,028. Of these, 317 students are from the Middle East -- about 10 percent; nine from Iraq, and four from Kuwait. Staff members in the Office of International Students and Scholars have maintained contact with these students since the Gulf Crisis began on August 2, 1990. The office staff have also developed and implemented a number of programs on the Middle East which have been presented in various residence halls and the Ohio Union.

February 1, 1991 meeting, Board of Trustees

### STUDENT AFFAIRS COMMITTEE REPORT (contd)

Ms. Paige: (contd)

In addition to students from Iraq and Kuwait, students from throughout the Middle East and beyond have been adversely affected. A number of our students' parents and other relatives live and work in the Gulf region. Due to the war, these students have been experiencing great difficulty in getting funds, and for long periods of time lost contact with their families. We continue to help these students work through their difficulties, as well as help our students from Iraq and Kuwait.

Next we heard reports from the student government leaders:

Ms. Benneta Burton:

Good morning. First, I would like to say that the retreat in Cincinnati, was a wonderful opportunity to learn about issues in higher education and how Ohio State stands in those particular areas. I also thought it was good that the representatives from the various sections of the University were able to attend. I enjoyed Dr. Freedman's talk on "How to Respond to Society's Needs as a University in the 1990's and Beyond" and the specifics that he provided for us concerning graduate education.

The average graduate student today is probably older than the graduate students of the past. The graduate students today are probably married and have children, perhaps the graduate student is a single mother or father who needs sufficient support in order to pay for child care. The Council of Graduate Students has been made more aware of this problem of adequate low cost and close proximity day care for graduate student dependents. We have formed an ad-hoc committee on child care to address this growing need. This committee has done some initial investigations of our current OSU day care facility, which is one of the finest. But they right now care for about 300 children of faculty, staff, and students. Though this sounds sufficient, it isn't. They have a waiting list of 1,200 children. We have learned since that time that the Provost does have a commission to study day care and dependent care for elderly. Perhaps that problem will be addressed. As far as graduate students are concerned, we are looking for some short-term and long-term solutions.

Also, I would like to make you aware of our Graduate Research Forum which will be held April 20, 1991. We hope that many more faculty and students will become involved. I would like to invite you right now, but you will also be getting a personal invitation. We are currently looking for faculty to serve as judges -- we need about eighty. We would like to have an external judge for each of the ten graduate student areas. That is what we are in the process of doing right now. That concludes my report.

Mr. Teaford:

I was wondering if we have any statistics in the University, as to what percentage of graduate students don't complete --

Dr. Spillman:

I don't know if we do or not, but I could try --

**STUDENT AFFAIRS COMMITTEE REPORT (contd)**

Mr. Teaford:

We ought to try and get that, it would be interesting to compare that with Dr. Freedman's percentage.

I suspect that the graduate students may get a lot more support around here as the next year unfolds. As you know, my wife is a graduate student and I understand that two other wives of Trustees are considering that. So you may really be in!

Mr. Mike Clark:

Good morning. I would also like to comment on the pleasure I had being in Cincinnati; it was an excellent experience. I wish every student on this campus could have the opportunity, but I realize that is not possible. It was a very educational experience. Sometimes I felt lost on things that were talked about, but I feel a lot more informed. I feel privileged to have been able to participate and have a say in that. I hope that things like that will continue in the future and that other students, or student government presidents, will have the opportunity as well.

Discussions that weekend included: "What is the purpose of a university?" and "Universities are about the future and for the future." Of course, I would assume that Ohio State has that same role as well. There were a lot of issues that were talked about and discussed, but the one that really wasn't discussed much was "What happens when students graduate from OSU?" I think we need to try to encourage students to set goals, go after them, and accomplish them. I think we would all agree with that. That is what we want for the students who graduate from here. After their formal education has ended, they should go after and get what they want. The ability and incentive doesn't come from attending a lecture, it doesn't come from reading a book, it is not measured by obtaining a 4.0. That ability or that perception is developed by working with people, communicating, and dealing with people on a regular basis. I think one of the ways we can provide incentives for students is to try to increase our commitment towards extracurricular activities -- whether it be honoraries, sporting events, student government activities, fraternities and sororities, or other student organizations. We all think about this and it is in our minds and our hearts, but the University really hasn't done that much about it. Through my discussions with Dr. Gee, I know that it is on his mind and that he going to try his best to do that. So, I just want to encourage everybody to see if we can't continue that commitment.

Next, is our favorite topic -- the search for the next Student Trustee. Our deadline is over and we are gathering the people who will be serving on the Screening Committee. The Screening Committee will be made up of three members of the Undergraduate Student Government; three members from the Council of Graduate Students; three members of the Interprofessional Council; and an administrator and a faculty member appointed by Dr. Spillman. They will be meeting this week and discussing the criteria for the Screening Committee. They have a deadline of February 11, when they will submit their names to the Interviewing Committee. The Interviewing Committee will then interview from February 11 to February 22; and March 4 will be the Interviewing Committee's deadline for submitting five names to the Governor.

**STUDENT AFFAIRS COMMITTEE REPORT (contd)**

Mr. Teaford:

Do you have a sense of how big the pool is right now?

Mr. Clark:

Well, I don't have the exact numbers. I still have to find out exactly how many applications Benneta and Steve have. I believe it is approximately 40. I think that the understanding of what the Board of Trustees is and what they are doing, is increasing. I think it is because a lot of the Trustees have been attending the Council of Presidents meetings and were able to discuss issues and concerns on an open basis. The Trustees have also been attending Council of Graduate Student meetings, and things of that nature. Also, the three student governments have had the opportunity to go out and talk to other student organizations and try to convey the message of who the Board of Trustees are and what they actually do. I see a bright future for this, and I see this perception from the students' point of view increasing every year.

I don't know if you are aware of this, but Dr. Gee has ask me to take him out tonight and show him "from the eyes of an undergraduate" what we do on a Friday night on campus. So, I think it is going to be a very entertaining evening for myself and my colleagues. I hope that you don't read anything about it in the papers tomorrow.

At this time, I would like to entertain any questions that you may have.

Ms. Paige:

What is the different breakdown on undergraduate, graduate, and professional student applications?

Mr. Clark:

I am not involved with it myself. I am appointing people within our student government to handle that and they haven't looked at the applications yet. The first step for the Screening Committee is to come up with the criteria as to how they will be judging and evaluating these applications. So no one has looked at these applications yet. Most of the applications were accumulated at the Undergraduate Student Government office. Personally, I am hoping that will reflect the number of undergraduate applications, but at this point I am not sure.

Mr. Shumate:

Do you have the files from the previous years to see the process and criteria they used?

Mr. Clark:

Yes, we do. I did not serve on any of those committees, but Benneta served on one of the committees and she could probably better answer your question.

**STUDENT AFFAIRS COMMITTEE REPORT (contd)**

Ms. Burton:

We don't have that much within our files. There needs to be more supporting documentation, which I plan to do for this year. I served on the Screening Committee both years. One year we decided our criteria using a point system and weighing certain questions. For instance, there were seven questions asked on the application, we weighed those, and the top numbers were what we wanted. We decided that we should send forth a broad representation -- that is undergraduates, graduates, and interprofessional students. We also wanted to send forth women, and minorities. Once we decided upon a number, like 15, we sent them to the Interviewing Committee so that they would get the broadest representation of the campus. The Interviewing Committee then decided on their own criteria -- what they were going to look for in the applicants. They also decided how they were going to do the process. I understand that last year the Interviewing Committee met and interviewed each applicant. One of the criteria for broad representation was that they wanted to send forth undergraduate, graduate and interprofessional students, but they also wanted to send forth the best candidates. The first year, I know for instance, only the top five candidates were offered, and that is because they out shone the other candidates. Last year, the committee was very happy with the candidates that were sent forth.

Dr. Spillman:

I will be recommending to the governing presidents -- now that we have had three years experience -- that we look at the criteria. It is obviously their decision to make recommendations to the Board, but I think it would be appropriate, now that we have had some experience, to say "is this the best process for Ohio State?"

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**AGRICULTURAL AFFAIRS COMMITTEE REPORT**

Ms. Casto:

This morning we heard a report by Mr. David Boothe, from the Cooperative Extension Service, on EXCEL (Excellence in Community Elected Leadership). The objective of the program is to improve the leadership management resources available to local, elected, and appointed leaders, especially in small and mid-size communities. Twenty counties have expressed interest in the program and over 300 individuals have participated in workshops and seminars.

Next, we heard from Dr. Joseph Donnermeyer, Associate Professor of Agricultural Economics and Rural Sociology, who reported on LEAD (Leadership Education and Development). LEAD is a two-year leadership development program for men and women in agribusiness and farming. It is one of thirty such programs across the country. LEAD is currently working with its third class who will graduate in June; class 4 will begin in September. The goal of LEAD is to develop the future spokespersons and leaders for Ohio's agricultural community. Dr. Donnermeyer is the current Director of LEAD. That completes my report.

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## FISCAL AFFAIRS COMMITTEE REPORT

Amb. Wolf:

First, I would like to call upon Mr. Shkurti, Acting Vice President of Finance, to give us both a Mid-Year Financial Review and a 1990-91 Current Funds Budget Report for the Second Quarter.

Mr. Shkurti:

Thank you, Mr. Chairman. Probably one of the most overworked phrases of 1991 is the old Chinese phrase: "We are cursed to live in interesting times." And because we have interesting times in terms of budgeting, we decided to depart from the tradition of just showing you the numbers which are in the traditional report and which I think miss a lot of important things that are going on. I have prepared an economical one page handout. One side has the details of the financing of the Cancer Hospital, and on the other side is The Ohio State University Board of Trustees Mid-Year Financial Review. This is the report which I would like to begin with. It is sort of in a "good news, not so good news" format. There are areas where finances are a little better than expected and areas where we have some problems that we need to address.

I would like to start where enrollments and retention are up. You may recall, last November I reported to the Board that enrollments and retentions were higher than what was estimated at the time the Board passed the budget in June. In terms of revenues, we are now able to calculate what that means. It means an additional \$5 million that we were not planning on in June. About \$3 million of that comes from the State in terms of higher appropriations and \$2 million in terms of higher tuition. Now when there is additional income there are also some additional needs related to enrollment and some other things that were not anticipated, and those total a minimum of \$4.4 million. The biggest portion of that is a structural deficit in the College of the Humanities, which totals \$2.2 million dollars. It has built up over a number of years, and the primary reason is that there has been a tremendous enrollment increase in courses offered in that College. The budget process, for one reason or another, has not recognized that.

Additional enrollment related needs are in the College of Business and Office of Admissions. We hope to work on resolving those problems yet this year, so they don't carry over into next year. In addition, our researchers are very successful. They are demanding more space, and that requires more money. But, we would also be bringing in more money to the University.

As Mr. Teaford pointed out in his report, the bottom line for University Hospitals has been improving steadily and that is a very good sign. On the other hand, there is the issue of start-up costs for The Arthur G. James Cancer Hospital and Research Institute, and I will get to that in a minute. Mr. Teaford also pointed out that our investments are growing and also our contributions, which we treat as restricted funds because the endowments can be used only for specified purposes. It is a real positive sign that those continue to grow. On the other hand, some of our earnings units are under financial strain. When I say an earnings unit, it is a unit like Residence Halls or Ohio Unions, that generally doesn't receive support from Central University Funds and are supported by charges that they provide for their services. Now, I want to make it clear that there is not a crisis in this area. But because of

**FISCAL AFFAIRS COMMITTEE REPORT (contd)**

Mr. Shkurti: (contd)

lower freshman enrollments and that type of thing, the Residence Halls are not getting the amount of income growth they used to get in the past. This is a situation that we are monitoring very carefully.

The next item concerns future commitments. One of the things President Gee asked me to do when he came here was to try to get a handle on what the University is committed to and what it is not. This is an interesting process in its own right, but I think we have it nailed down. We almost have the process finished as we start to prepare for the 1992 budget. We will be sharing that with you so that everybody knows what the expectations are in terms of what the University is committed to or not committed to, as the case may be.

The next item concerns management information systems and the auditors will talk more about this when they present the 1990 audit at the next meeting. But it appears that the University is underinvested in updating its management information systems. As a result, our information is not as timely as it should be. I think we have managed anyway, but that is an issue that is going to need to be addressed.

Finally, to get to the bottom line, our hope originally was to present to you the final audit for Fiscal Year 1990, that is the Fiscal Year that ended last June 30. But because of the heavy agenda today, we thought it would be better to put it off until next month. I can summarize it at this point by saying there are no unpleasant surprises in that report. In fact, the University's bottom line has improved in Fiscal Year 1990 and we are anticipating the bottom line will improve again in 1991, partly for the reasons I have mentioned. Now there is one unknown -- rapidly becoming not an unknown -- that does affect it, which are the State Budget problems.

As you know, we are in a national recession. We are finally beginning to acknowledge that and admit the "R" word. That affects the State of Ohio and State finances as well. At the time this was put together, it was not known what the State would do in response to this crisis. But it is my understanding that today Governor Voinovich will announce additional cuts in appropriations to deal with what he feels is a \$127 million State budget problem in this fiscal year. It appears that higher education will suffer a reduction in State appropriations for the year of between 3-5 percent; 3 percent on the student subsidy and 5% on most of the line items. That will translate to a loss of approximately \$12 million to The Ohio State University. In other words, the \$12 million we were counting on earlier from State appropriations will not be available. That is not good news. Twelve million is a significant amount of money. On the other hand, it shouldn't come as a surprise to anybody.

As you recall at the last meeting, I indicated that the President asked Jim Nichols and myself to send out a memo indicating that there were possibly State budget cuts coming and to initiate additional hiring controls and other steps in the event this happened. It has happened. It will not be easy to deal with, but we will deal with it in a way that protects the financial solvency of the University and also protects our core academic programs.

**FISCAL AFFAIRS COMMITTEE REPORT (contd)**

Mr. Shkurti: (contd)

In summary, I can say our financial picture at mid-year is mixed. There is both good news and bad news. In general, the University's financial condition is gradually improving. We are not rich; on the other hand, we are not on our way to the poor house. I think the challenge that faces us in the months ahead is to make the most effective use of the resources we have and, also, to continue to work with the State Legislature to make sure we have more resources to invest in Ohio's future.

Let me now turn to the specific issues of the Cancer Hospital and Research Institute. This is a rather unprecedented undertaking to open a new hospital of this type virtually from scratch. This data is for the first six months. The way I have laid out this chart is to show you what the assumptions were in the budget that was put together last year and then the results, and compare them with what was planned in the budget, with what actually happened.

The big difference was the plan to open the hospital and have patients in there effective July 1, 1990. Because of the water problem and other delays, patients were not in until July 9 and the phase-in was not completed until September 4. In addition, reimbursement from the various carriers, who would pay for those patients, did not begin until October 25. As a result, there was a lag in both the average daily census -- because the beds weren't open as soon as we anticipated -- and also a lag in the amount of income that was anticipated. The Hospital did have to staff up to have these employees available to treat the patients as they came in, so the paid FTE's ran ahead of the plan.

Expenses were a little higher than usual -- net revenues were expected to be \$18.5 million at this point, in fact they were \$16.2 million. The total expenses were expected to be \$21.9 million at this point, in fact they were \$24.2 million. When I say at this point, I mean at the end of December. So a net loss was expected to be \$3.4 million in the first six months, and it turned out to be a net loss of \$8 million.

It was also anticipated that the start-up costs for beginning the Cancer Hospital would be money borrowed from University Hospitals. It was initially planned that the total would be \$26.5 million. Obviously with net losses higher than expected, the total borrowed from University Hospitals through December was \$29.8 million. I think it is important to stress the context of these numbers. As your chief financial officer, I can never be happy with red ink appearing anywhere. It was planned, as Mr. Teaford mentioned, that the Cancer Hospital would eventually break even at the end of three or four years, but it would lose money in its first two or three years as it started to gear up, and that has happened.

The other thing that I should stress is that most of you are in the private sector, so the term "fund accounting" really doesn't mean much to you. It means a lot in the non-profit sector. The funds we are talking about, in terms of deficits and spending, are basically funds that the Hospitals have as an earnings unit. Those are segregated from the funds that run the central campus, in terms of state aid for student education and student fees. So this is not money that would otherwise be available for the educational mission of the central campus in terms of its academic core. Obviously, the financial health of the central campus and the academic core are related to the financial health of the University Hospitals. But, again, it is not that the Cancer Hospital is stealing \$30 million that would be available for student

**FISCAL AFFAIRS COMMITTEE REPORT (contd)**

Mr. Shkurti: (contd)

purposes or out of tuition. Rather think of the Hospitals as a holding company and that they are loaning money back and forth. Again, as Mr. Teaford mentioned in his report, in general, the Hospitals, taken as a collective, are doing rather well this year.

The other thing important to mention in terms of the context of these numbers, was that the first priority for the management of the Cancer Hospital was to get the facility up and running without incident, and to get patients in there receiving high quality care. They have done an admirable job and the patient figures, in terms of people being admitted to the Cancer Hospital and being treated, are very encouraging.

One of the things I have learned from President Gee is whenever I bring financial news that is less than happy news, the first question he asks is, "what are we doing about it?" I think that is a fair question to ask -- what is being done about the fact that the deficits are higher than planned in the Cancer Hospital. Well, there are a couple of things going on.

First, the management of the Cancer Hospital is in the process of initiating internal controls by department. Now if this were an existing facility, that is something that would be taken for granted. But again, for a new facility that requires new computer systems and new procedures. Those are very well along the way and will help the Cancer Hospital in terms of controlling its costs.

Second, the Cancer Hospital management is reporting monthly now to a special review committee that was set up by Weldon Ihrig before he left. This committee consists of not only myself chairing, but the University Controller, the Chief Financial Officer of University Hospitals, and the Executive Director of University Hospitals. We are reviewing the monthly results to make sure and monitor the progress of the Cancer Hospital with what is expected and planned.

Third, the hiring of additional people in the Cancer Hospital is going through a second step of monitoring, under the December 6 memo. Additional hiring controls means that the Vice President for Health Services has to review every hire that goes through the Cancer Hospital. So, again, there is another level of review making sure that only the people that are needed are hired.

Fourth, the Cancer Hospital staff is working with the staff of University Hospitals and with my staff to develop a long range financial plan. As part of that plan, we will develop a very detailed schedule of how the Cancer Hospital will reach a break even point and how it will pay back with interest the money that is owed University Hospitals.

Fifth, we are very close to working out a draft agreement with the Cancer Hospital and The Ohio Cancer Foundation to encourage additional fund raising to support research. As you know, one of the missions of the James Cancer Hospital is patient care. Another mission is research, and to the degree to which we can get endowed funds set up on a continuing basis to support research, we improve the financial position of the Cancer Hospital.

**FISCAL AFFAIRS COMMITTEE REPORT (contd)**

Mr. Shkurti: (contd)

And finally, we are working very hard to point out to the State of Ohio that it is to their best interest to make an investment in helping the Cancer Hospital get started on a strong financial basis, because we think it is good for the State of Ohio. Although the State provided \$2.5 million worth of start-up support this year, we are asking in the next budget year for \$4.5 million of start-up support.

So we think the combination of all of these things will allow The Arthur G. James Cancer Hospital and Research Institute to be a premier institution of its type in the country, and to do it in a way that is financially sound. We will continue to keep you posted on what the financial developments are, because this is a great deal of money and it is a very important project for the University, both in an academic sense and a financial sense. Mr. Chairman, that concludes my report at this time. I will be glad to answer any questions.

(See Appendix LI for complete charts on The Ohio State University 1990-91 Current Funds Budget 2nd Quarter Report, page 843.)

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**WAIVERS OF COMPETITIVE BIDDING REQUIREMENTS  
OCTOBER-DECEMBER, 1990**

Resolution No. 91-83

Synopsis: Acceptance of the quarterly report on waivers of competitive bidding requirements is proposed.

WHEREAS the Purchasing Policy of The Ohio State University, adopted by the Board of Trustees on September 7, 1984, provides that the President and/or Vice President for Business and Administration may grant a waiver from competitive bidding in the event of an emergency, when a sufficient economic reason exists, or when the goods or services can be purchased from only a single source, with a report on such waivers to be made quarterly to this Board; and

WHEREAS the Acting Vice President for Business and Administration has submitted a report on waivers of competitive bidding requirements granted for the period of October-December, 1990:

NOW THEREFORE

BE IT RESOLVED, That the report on waivers of competitive bidding requirements for the period of October-December, 1990, is hereby accepted.

Upon motion of Amb. Wolf, seconded by Mr. Shumate, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix LII for chart on Waivers of Competitive Bidding Requirements - October - December 1990, page 849.)

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February 1, 1991 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS**

Resolution No. 91-84

Synopsis: The reports on contracts, grants, and gifts and the summaries for November and December 1990 are presented for Board acceptance.

WHEREAS monies are solicited and received on behalf of the University from governmental, industrial, other agencies, alumni, and various individuals in support of research, instructional activities, and service; and

WHEREAS such gifts and grants are received through The Ohio State University Research Foundation, the Engineering Experiment Station of The Ohio State University, and The Ohio State University Development Fund:

NOW THEREFORE

BE IT RESOLVED, That the research agreement between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the reports from the Engineering Experiment Station, The Ohio State University Development Fund during the months of November and December 1990 be approved.

Amb. Wolf:

I would like to ask you a question about the numerous Eminent Scholar programs where the General Assembly is giving us \$500,000 and the University is matching funds for \$500,000. Is that a million dollar Chair being established or is that just a million dollars to be exhausted as long as it lasts?

President Gee:

Well, they are designated as Ohio Eminent Scholars. Dave, you may want to explain exactly how we approach that particular program.

Dr. Boyne:

The \$500,000 from the State combined with \$500,000 from the University will go into an endowment. In addition, in each of these areas there will be \$250,000 added to the \$1 million so that the amount of the endowment, when fully established, will be \$1.25 million. The proceeds of that then are available each year to support the Eminent Scholars in these areas.

President Gee:

Amb. Wolf it is an endowed program very similar to an endowed chair, but this public/private partnership makes it what we call the Ohio Eminent Scholar, which is somewhat of a different approach.

Amb. Wolf:

It is a marvelous program.

Upon motion of Amb. Wolf, seconded by Ms. Casto, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

Background

NOVEMBER 1990

<u>Source</u>	<u>7/1/89-11/30/89</u>	<u>7/1/90-11/30/90</u>	<u>November 1990</u>
The Ohio State University Research Foundation	\$55,736,705.21	\$54,946,721.75	\$ 7,776,347.23
Engineering Experiment Station	\$ 2,926,025.00	\$ 3,646,788.00	\$ 63,391.00
OSU Foundation and Development Fund	\$11,986,729.00	\$19,155,212.00	\$ 2,793,455.00
The Ohio State University Development Fund			
Establishment of Named Funds			
The Ohio Eminent Scholar in Experimental Materials Research (Provide salary and program support for an outstanding scholar-leader in experimental materials research)			\$ 500,000.00 (Ohio General Assembly) \$ 500,000.00 (University Funds)
The Ohio Eminent Scholar in Social Psychology (Provide salary and program support for an outstanding scholar-leader in social psychology)			\$ 500,000.00 (Ohio General Assembly) \$ 500,000.00 (University Funds)
The Ohio Eminent Scholar in Soil Ecology (Provide salary and program support for an outstanding scholar-leader in soil ecology)			\$ 500,000.00 (Ohio General Assembly) \$ 500,000.00 (University Funds)
The Ohio Eminent Scholar in German (Provide salary and program support for an outstanding scholar-leader in German)			\$ 500,000.00 (Ohio General Assembly) \$ 500,000.00 (University Funds)
The Ohio Eminent Scholar in Cosmology (Provide salary and program support for an outstanding scholar-leader in cosmology)			\$ 500,000.00 (Ohio General Assembly) \$ 500,000.00 (University Funds)
The Ohio Eminent Scholar in Geodynamics (Provide salary and program support for an outstanding scholar-leader in geodynamics)			\$ 500,000.00 (Ohio General Assembly) \$ 500,000.00 (University Funds)

February 1, 1991 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

Background (contd)

NOVEMBER 1990 (contd)

The Ohio State University Development Fund (contd)

Change in Name and Description of Chair

From: The Ralph W. Kurtz Chair in Endocrinology  
To: The Ralph W. Kurtz Chair in Hormonology

Change in Name and Description of Named Fund

From: The Lawrence A. Kaufman Scholarship Fund  
To: The Kaufman Fellowship/Scholarship Fund

Change in Description of Named Fund

The Jean R. Geisman Memorial Fund

DECEMBER 1990

<u>Source</u>	<u>7/1/89-12/31/89</u>	<u>7/1/90-12/31/90</u>	<u>December 1990</u>
The Ohio State University Research Foundation	\$62,450,555.89	\$62,689,734.00	\$ 7,743,012.25
Engineering Experiment Station	\$ 3,137,205.00	\$ 4,047,556.00	\$ 400,768.00
OSU Foundation and Development Fund	\$21,578,254.00	\$29,358,063.00	\$10,203,239.00

The Ohio State University Development Fund

Establishment of Named Funds

The Thomas Alan Ganner Memorial Merit  
Scholarship Fund  
(Scholarships - students that display  
academic performance of the highest caliber)

\$ 48,928.44

The Student Affairs Minority Scholarship Fund  
(Scholarships - needy minority students)

\$ 33,866.00

The Michael R. Zetz Scholarship Fund  
(Scholarships - dental students from Stark,  
Summit and Wayne counties)

\$ 16,000.00

The Jo Ann M. Ferguson Scholarship Fund for  
Synchronized Swimming  
(Scholarships - student athlete(s) who is  
a member of the varsity synchronized swimming team)

\$ 15,000.00

February 1, 1991 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

Background (contd)

DECEMBER 1990 (contd)

The Ohio State University Development Fund (contd)

Establishment of Named Funds (contd)

The Lewis Rolfes Heldt Scholarship Fund (Provide freshman and sophomore honors scholarships)	\$ 15,000.00
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Change in Name of Named Fund

From: The Deloitte Haskins & Sells Accounting Professorship Fund
To: The Deloitte and Touche Accounting Professorship Fund

Change in Description of Named Funds

Theresa Lucille Brown Adams Scholarship Fund
The Earl B. Poling Graduate Research Fellowship in Agricultural Economics

February 1, 1991 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION**

Report - November 1990

**Federal Research Contracts/Grants**

\$1,490,968.00 - Department of Health and Human Services, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Acquired Immunodeficiency Syndrome Clinical Study Group, Department of Internal Medicine (R. J. Fass), 1 September 1990 through 31 August 1991. (Project 766341 - Continuation)

\$1,225,651.00 - Department of Health and Human Services, National Cancer Institute, Bethesda, Maryland, OSU Comprehensive Cancer Center Support (Core) Grant, Comprehensive Cancer Center (D. E. Schuller), 1 July 1990 through 30 June 1991. (Project 763976 - Continuation)

\$798,178.00 - Department of Education, Office of Educational Research and Improvement, Washington, D.C., Center for Science Teaching and Learning, Department of Educational Studies: Humanities, Science, Technological, and Vocational (A. White and C. S. Carter), Department of Chemistry (M. H. Klapper), Department of Educational Policy and Leadership (R. B. Donmoyer), and Department of Educational Theory and Practice (D. G. Berlin), 1 November 1990 through 31 October 1991. (Project 768722 - New)

\$628,970.00 - Department of Health and Human Services, National Institute on Aging, Bethesda, Maryland, NLS Resurvey: Older Male Survivors and Decedents' Widows, Center for Human Resource Research (H. S. Parnes), 1 December 1990 through 30 November 1991. (Project 767203 - Continuation)

\$570,000.00 - Department of Commerce, National Oceanic and Atmospheric Administration, Silver Spring, Maryland, The Ohio Sea Grant Program, Center for Lake Erie Area Research (J. M. Reutter and M. Brainard), Department of Agricultural Economics and Rural Sociology - OARDC (L. J. Hushak), Department of Zoology (D. W. Garton and D. A. Culver), Department of Civil Engineering (K. W. Bedford and C. J. Merry), School of Natural Resources (R. W. Fortner and K. Dabrowski), Ohio Cooperative Extension Service - Administration (J. D. Rohrer), Department of Welding Engineering (S. Rokhlin), Department of Agricultural Economics and Rural Sociology (A. J. Randall), and Department of Entomology (S. W. Fisher), 1 September 1990 through 31 August 1991. (Project 767770 - Continuation)

\$140,000.00 - National Science Foundation, Washington, D.C., The Spectroscopy of Chemical Intermediates and Other Transient Species, Department of Chemistry (T. A. Miller), 1 January 1991 through 31 December 1991. (Project 768425 - Continuation)

\$114,848.00 - Department of Health and Human Services, National Institute of Occupational Safety and Health, Atlanta, Georgia, Cooperative Agreement Program for Agricultural Health Promotion Systems, Ohio Cooperative Extension Service - Administration and Department of Agricultural Engineering (T. L. Bean), 28 September 1990 through 27 September 1991. (Project 768682 - New)

\$110,000.00 - National Science Foundation, Washington, D.C., Biochemistry and Molecular Biology of Polymeric Defense Barriers in Plants, Biotechnology Program (P. E. Kolattukudy), 1 March 1990 through 28 February 1991. (Project 767325 - Continuation)

February 1, 1991 meeting, Board of Trustees

## **REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

### **THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

#### **Federal Research Contracts/Grants (contd)**

\$109,375.00 - Department of the Air Force, Air Force Systems Command, Bolling Air Force Base, D.C., Demodulation Processes in Auditory Perception, Division of Speech and Hearing Science (L. Feth), 1 December 1990 through 30 November 1991. (Project 767249 - Continuation)

\$108,829.00 - Department of Health and Human Services, National Cancer Institute, Bethesda, Maryland, Ohio Cancer Information Center, Comprehensive Cancer Center and Department of Preventive Medicine (R. E. Harris), 16 October 1990 through 15 January 1991. (Project 768114 - Continuation)

\$85,721.00 - Department of Health and Human Services, National Cancer Institute, Bethesda, Maryland, Preclinical Pharmacology Investigations of Antitumor Agents, College of Pharmacy (J. Supko), 18 November 1990 through 13 April 1991. (Project 767472 - Continuation)

\$82,710.00 - Department of Health and Human Services, National Institute of Arthritis and Musculoskeletal and Skin Diseases, Bethesda, Maryland, Bone-Cement Interface Biomechanics, Department of Surgery and Biomedical Engineering Center (A. S. Litsky), 1 December 1990 through 30 November 1991. (Project 767202 - Continuation)

\$73,531.00 - National Foundation on the Arts and Humanities, National Endowment for the Humanities, Washington, D.C., Issues in the Rhetorical Theory of Narrative, Department of English (J. Phelan), 1 October 1990 through 30 September 1991. (Project 768732 - New)

\$69,941.00 - National Science Foundation, Washington, D.C., Voting Behavior in Sub-Presidential Elections, Department of Political Science (A. R. Clausen, P. Beck, and L. Baum), 20 September 1990 through 31 October 1991. (Project 768627 - New)

\$68,000.00 - Department of Education, Washington, D.C., GRADS (Graduation, Reality, and Dual-Role Skills) Program for Adolescent Parents, Grades 7-12, Department of Home Economics Education (W. L. Hull), 1 October 1990 through 30 September 1991. (Project 768678 - New)

\$66,000.00 - Department of Agriculture, Science and Education, Washington, D.C., Coevolution Between the Corn Leafhopper and Corn-Stunting Mollicutes, Department of Entomology - OARDC and Department of Entomology (L. R. Nault), 1 September 1990 through 31 August 1992. (Project 768604 - New)

\$63,750.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, ST1 Antigen in Wounds, Department of Molecular Genetics (R. A. Tassava), 1 July 1990 through 28 February 1992. (Project 768290 - Continuation)

\$52,000.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Structure and Dynamics of Bluff Body Wakes, Department of Mechanical Engineering (Y. G. Guezennec), 1 October 1990 through 30 September 1991. (Project 768183 - Continuation)

\$48,927.00 - National Science Foundation, Washington, D.C., Secondary Science Curriculum Modules for Global Change Education, Department of Educational Studies: Humanities, Science, Technological, and Vocational (V. J. Mayer), School of Natural Resources (R. W. Fortner), and Byrd Polar Research Center (K. C. Jezek), 1 November 1990 through 31 October 1991. (Project 767937 - Continuation)

February 1, 1991 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$47,500.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, The Physics of Submicron Systems, Department of Physics (J. W. Wilkins), 1 October 1990 through 31 December 1990. (Project 767184 - Continuation)

\$43,682.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Molecular Biology of the Extremely Thermophilic Archaeobacterium, Methanothermus fervidus, Department of Microbiology (J. N. Reeve), 1 October 1990 through 31 May 1991. (Project 765291 - Continuation)

\$41,700.00 - National Science Foundation, Washington, D.C., Combinatorics and Lie Algebra, Department of Mathematics (S. C. Milne), 1 July 1990 through 30 November 1991. (Project 768446 - New)

\$36,656.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Interdisciplinary Research on Wear of Materials, Department of Materials Science and Engineering (D. A. Rigney), 25 July 1990 through 31 December 1990. (Project 767230 - Continuation)

\$32,000.00 - Department of Agriculture, Animal and Plant Health Inspection Service, Moorestown, New Jersey, Cooperative Agricultural Pest Survey, Ohio Cooperative Extension Service - Entomology (H. R. Willson), 1 October 1990 through 30 September 1991. (Project 767104 - Continuation)

\$30,000.00 - International Development Cooperation Agency, Agency for International Development, Washington, D.C., International Conference on Tillage for Sustainable Crop Production in Africa - July 1991, Department of Agronomy - OARDC and Department of Agronomy (R. Lal), 26 September 1990 through 30 June 1992. (Project 768714 - New)

\$30,000.00 - National Science Foundation, Washington, D.C., Presidential Young Investigator Award, Department of Physics (C. Jayaprakash), 1 January 1990 through 31 December 1990. (Project 764850 - Continuation)

\$26,059.00 - Department of the Air Force, Air Force Systems Command, Bolling Air Force Base, D.C., Stability of Boundary Layers at High Supersonic and Hypersonic Speeds, Department of Mechanical Engineering and Department of Aeronautical and Astronautical Engineering (T. Herbert), 1 October 1990 through 31 December 1990. (Project 766854 - Continuation)

\$24,788.00 - Department of the Air Force, Air Force Systems Command, Bolling Air Force Base, D.C., Relegation for Decentralized Control, Department of Electrical Engineering (U. Ozguner), 1 October 1990 through 28 February 1991. (Project 767334 - Continuation)

\$22,000.00 - National Aeronautics and Space Administration, Washington, D.C., Gravitropism in the Moss Ceratodon, Department of Plant Biology (F. D. Sack), 1 September 1990 and 31 August 1991. (Project 768650 - New)

\$21,545.00 - National Science Foundation, Washington, D.C., Protein Folding, Stability, and Small Molecule Interactions, Department of Biochemistry (W. J. Becktel), 15 September 1990 through 31 August 1993. (Project 768686 - Continuation)

February 1, 1991 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$20,000.00 - Department of Agriculture, Office of International Cooperation and Development, Washington, D.C., Acipenserid Fish Aquaculture in the U.S. and France: The Recommended Dietary Allowance for Ascorbic Acid, School of Natural Resources (C. F. Cole), 1 July 1990 through 30 June 1993. (Project 768698 - New)

\$16,500.00 - Department of Agriculture, Science and Education, Peoria, Illinois, Cooperative Agricultural Research, Office of the Director - OARDC (N. D. Schmidt and R. F. Edwards), 1 October 1990 through 30 September 1991. (Project 766472 - Continuation)

\$9,000.00 - National Aeronautics and Space Administration, Washington, D.C., Participation in the Blois '90 Conference, Department of Physics (G. Steigman), 28 August 1990 through 1 September 1990. (Project 768719 - New)

**TOTAL - FEDERAL AWARDS** **\$6,308,829.00**

**State of Ohio Research Contracts/Grants**

\$295,322.00 - State of Ohio, Board of Regents, Columbus, Ohio, Center for Labor Research, Research and Graduate Studies Administration (T. L. Sweeney), 1 July 1990 through 30 June 1991. (Project 767988 - Continuation)

\$200,000.00 - State of Ohio, Department of Administrative Services, Columbus, Ohio, Digital Line Graph Generation, Center for Mapping and Department of Geodetic Science and Surveying (J. D. Bossler), 1 July 1990 through 30 June 1991. (Project 768721 - New)

\$62,554.18 - State of Ohio, Department of Education, Columbus, Ohio, The Young Scholars Program, Academic Affairs Administration (J. J. Bishop), 1 July 1990 through 31 December 1990. (Project 768734 - New)

\$45,000.00 - State of Ohio, Department of Mental Health, Columbus, Ohio, Traineeships in the Assessment and Treatment of Children and Adolescents with Both Mental Retardation and Emotional Disturbance, Department of Psychology (S. J. Beck and H. L. Mirels), 1 July 1990 through 30 June 1991. (Project 768639 - New)

\$39,687.00 - State of Ohio, Department of Education, Columbus, Ohio, Technical Assistance for Entrepreneurship in Ohio, Center on Education and Training for Employment (R. D. Ryan), 1 July 1990 through 30 June 1991. (Project 768718 - New)

\$26,209.00 - State of Ohio, Department of Mental Health, Columbus, Ohio, Continuation and Dissemination of "Mental Health Implications of the Postpartum Period," Department of Sociology (V. A. Taylor), 1 November 1990 through 31 December 1991. (Project 768741 - New)

\$23,226.00 - State of Ohio, Environmental Protection Agency, Columbus, Ohio, CAPZONE: A Semianalytical Flow Model Used in Delineating Traveltime-Related Wellhead Protection Areas, Department of Geological Sciences (E. S. Bair), 1 December 1990 through 30 September 1991. (Project 767301 - New)

February 1, 1991 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

State of Ohio Research Contracts/Grants (contd)

\$10,000.00 - State of Ohio, Department of Health, Columbus, Ohio, Development of an Evaluation Manual for AIDS Prevention and Education for Use by African, American, and Hispanic Community-Based Organizations, Department of Preventive Medicine (M. S. C. Chen), 1 October 1990 through 31 December 1990. (Project 768731 - New)

\$734.42 - State of Ohio, Department of Natural Resources, Columbus, Ohio, Shredded Newsprint for Animal Bedding, Ohio Cooperative Extension Service - Administration (J. D. Rohrer) and Animal Industries Technology (R. Thornton), 5 February 1990 through 30 June 1990. (Project 768091 - Continuation)

\$396.63 - State of Ohio, Department of Education, Columbus, Ohio, Upward Bound Summer Food Program, Office of Minority Affairs (L. K. Jackson), 1 June 1990 through 31 October 1990. (Project 768376 - Continuation)

TOTAL - STATE OF OHIO AWARDS

\$ 703,129.23

Industrial Research Contracts/Grants

\$59,500.00 - The Procter and Gamble Company, Cincinnati, Ohio, Potential Effects of Water Absorbing Gels in Diapers on Composting, Plant Growth, and Health, Department of Plant Pathology - OARDC (H. A. J. Hoitink) and Department of Agricultural Engineering - OARDC (H. M. Keener), 6 November 1990 through 1 April 1991. (Project 768716 - New)

\$55,677.00 - Norwich Eaton Pharmaceuticals, Inc., Norwich, New York, An Open-Label, Multicenter Study to Determine the Effects of Intermittent Cyclic Dosing of Didronel on Bone Loss in Postmenopausal Osteoporotic Women, Department of Internal Medicine (R. D. Jackson), 1 January 1990 through 30 April 1992. (Project 768696 - Continuation)

\$54,086.00 - Neoprobe Corporation, Columbus, Ohio, The Intra-operative Detection of Colorectal Cancer, Department of Surgery (E. W. Martin), 17 August 1990 through 31 August 1991. (Project 766930 - Continuation)

\$50,000.00 - Plant Cell Research Institute, Inc., Dublin, California, Transformation of Soybean (Glycine max) Via Particle Bombardment, Department of Agronomy - OARDC (J. J. Finer), 1 November 1990 through 31 October 1991. (Project 768720 - New)

\$41,394.00 - Boots Pharmaceuticals, Inc., Shreveport, Louisiana, Spectral Analysis of Heart Rate Variability in the Multicenter Study of Flosequinon, Department of Internal Medicine (P. F. Binkley and R. J. Cody), 1 October 1990 through 30 May 1991. (Project 768697 - New)

\$26,980.00 - Merck, Sharp & Dohme Research Laboratories, West Point, Pennsylvania, A Double-Blind, Long-Term Safety and Efficacy Comparison of Remoxipride and Haloperidol in Schizophrenic Outpatients, Department of Psychiatry (S. C. Olson), 1 August 1990 through 31 July 1993. (Project 768694 - New)

\$10,100.00 - Caremark Plus, San Bernardino, California, Patient Education and Clinical Management Services, Department of Internal Medicine (S. P. Balcerzak), 1 July 1989 through 30 September 1990. (Project 767279 - Continuation)

February 1, 1991 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Industrial Research Contracts/Grants (contd)**

\$8,520.00 - Norwich Eaton Pharmaceuticals, Inc., Norwich, New York, A Double-Blind, Placebo-Controlled, Multicenter Trial to Determine the Effects of the Sequential Dosing of Phosphate Didronel and Calcium in Postmenopausal Osteoporotic Women, Department of Internal Medicine (R. D. Jackson), 1 January 1990 through 30 June 1993. (Project 765531 - Continuation)

\$5,311.00 - American Electric Power, Columbus, Ohio, Determination of Potential Bacterial Activity in Bottom Ash Compaction Fill, Big Sandy Plant Fly Ash Pond, Department of Microbiology (O. H. Tuovinen), 26 November 1990 through 31 January 1991. (Project 768736 - New)

\$4,611.00 - Ethicon, Inc., Somerville, New Jersey, Clinical Evaluation of the Safety and Efficacy of Sodium Hyaluronate in the Prevention of Adhesions Following Peritoneal Cavity Surgery, Department of Obstetrics and Gynecology (J. M. Goldberg), 1 October 1990 through 30 April 1992. (Project 768717 - New)

\$1,388.00 - ZARTemp, Inc., Northbrook, Illinois, Biological Safety Evaluation and Temporal Relationships Between Intravaginal Temperature and Selected Hormones and Ovulation in the Mare, Department of Dairy Science - OARDC and Department of Dairy Science (D. Zartman), 3 August 1990 through 16 August 1990. (Project 768495 - New)

**TOTAL - INDUSTRIAL AWARDS** **\$ 317,567.00**

**Other Non-Federal Research Contracts/Grants**

\$69,720.00 - University of Washington, Seattle, Washington, Biosynthesis of 2,6-Dideoxyhexoses, Department of Microbiology (W. R. Strohl), 1 September 1990 through 31 August 1991. (Project 768643 - New)

\$56,789.00 - W. K. Kellogg Foundation, Battle Creek, Michigan, Improving Teachers' Ability to Teach Science, Department of Agricultural Education (R. Rossetti), 1 November 1990 through 31 May 1992. (Project 768713 - New)

\$51,431.00 - Southern Regional Education Board, Atlanta, Georgia, Secondary School Dropout Prevention Demonstration Project, Center on Education and Training for Employment (R. D. Ryan), 1 September 1990 through 31 August 1991. Project 768708 - Continuation)

\$48,340.00 - Michigan State University, East Lansing, Michigan, Atmospheric CO<sub>2</sub> and Feedback in the Plant-Soil System, School of Natural Resources (P. Curtis), 15 September 1990 through 30 September 1992. (Project 768687 - New)

\$34,375.00 - University of Kentucky Research Foundation, Lexington, Kentucky, Clinical Research Consortium-Unasyn Pharmacy Surveillance Project, College of Pharmacy (J. A. Visconti), 1 August 1990 through 1 April 1991. (Project 768737 - New)

\$30,215.00 - North Carolina State University, Raleigh, North Carolina, Determination of Fluid-to-Particle Convective Heat Transfer Coefficients in Aseptic Systems, Department of Agricultural Engineering - OARDC and Department of Agricultural Engineering (S. K. Sastry), 1 December 1990 through 30 November 1991. (Project 767953 - Continuation)

February 1, 1991 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Other Non-Federal Research Contracts/Grants (contd)**

\$28,000.00 - Muscular Dystrophy Association, New York, New York, Cloning of Spinal Muscular Atrophy Candidate Genes, Department of Medical Biochemistry (A. M. Burghes and Z. K. Jarai), 1 January 1991 through 31 December 1991. (Project 767991 - Continuation)

\$25,000.00 - Ohio Floriculture Foundation, Columbus, Ohio, Water Management to Control Soilborne Diseases and Fungus Gnats in Ebb and Flow Production Systems, Department of Plant Pathology - OARDC (H. A. J. Hoitink), Department of Entomology - OARDC (R. K. Lindquist), Department of Agricultural Engineering - OARDC (R. P. Fynn), and Horticultural Industries Technology (R. W. McMahon), 1 January 1991 through 31 December 1991. (Project 767922 - Continuation)

\$24,000.00 - Florida International University, Miami, Florida, Consortium for the Development of Professional Materials for Vocational Education, Center on Education and Training for Employment (R. D. Ryan), 15 October 1990 through 30 June 1991. (Project 768701 - Continuation)

\$23,000.00 - Nine Members of the National Entrepreneurship Education Consortium, National Entrepreneurship Education Consortium, Center on Education and Training for Employment (R. D. Ryan), 1 July 1990 through 30 June 1991. (Project 768452 - Continuation)

\$15,000.00 - American Cancer Society, Ohio Division, Inc., Dublin, Ohio, Growth Control in Drosophila, Department of Molecular Genetics (A. Simcox), 1 November 1990 through 31 October 1991. (Project 768711 - New)

\$15,000.00 - The J. Paul Getty Trust, Los Angeles, California, The Ohio Partnership for Visual Arts: Regional Institute for Educators, Department of Art Education (N. MacGregor), 1 July 1990 through 30 June 1991. (Project 766784 - Continuation)

\$8,000.00 - The Ruffed Grouse Society, Coraopolis, Pennsylvania, Ohio Coverts Project, Ohio Cooperative Extension Service - County Operations (E. L. Smith), 1 January 1991 through 31 December 1991. (Project 767321 - Continuation)

\$5,645.00 - Central Ohio Diabetes Association, Columbus, Ohio, Effects of Electrical Stimulation on the Translocation of Muscle Glucose Transporters of Obese Zucker Rats, School of Health, Physical Education, and Recreation and Department of Veterinary Physiology and Pharmacology (W. M. Sherman), 1 October 1990 through 30 September 1991. (Project 767152 - Continuation)

\$5,307.00 - Central Ohio Diabetes Association, Columbus, Ohio, Influence of Dietary Fish Oils on the Plasma Lipids and Platelet Function of Diabetic Rabbits, Department of Medical Biochemistry (R. Panganamala), 1 July 1990 through 30 June 1991. (Project 767660 - Continuation)

\$5,000.00 - The Coleman Foundation, Inc., Chicago, Illinois, PACE (Program for Acquiring Competence in Entrepreneurship) Update Project, Center on Education and Training for Employment (R. D. Ryan), 1 November 1990 through 30 June 1991. (Project 768723 - New)

February 1, 1991 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Other Non-Federal Research Contracts/Grants (contd)**

\$2,000.00 - Wildlife Forever, Minnetonka, Minnesota, Initial Investigations on Impacts on Native Fauna by the Introduced Zebra Mussel, Dreissena polymorpha, in North America, Department of Zoology (D. W. Garton), 1 September 1990 through 31 August 1991. (Project 768712 - New)

**TOTAL - OTHER NON-FEDERAL AWARDS** **\$ 446,822.00**

**ENGINEERING EXPERIMENT STATION**

**Industry and Other Sponsored Research and Development**

\$79,767.00 - from Public Service Commission of Canada, Ottawa, Ontario, for "International Assignment Agreement Research Scientist," under the direction of the department of Materials Science and Engineering for the period December 1, 1990 through September 30, 1990. (312558)

\$9,730.00 - from six sponsors of eight development projects in one research area of the College.

\$9,610.00 - from General Motors Corporation, Warren, Michigan, for "Life Cycle Engineering of Door Hardware Systems Using Design Compatibility Analysis," under the direction of the department of Mechanical Engineering for the period November 1, 1990 through June 30, 1991. (312557)

\$4,200.00 - from General Electric Aircraft Engines, Cincinnati, Ohio, for "LM 1600 Bravo/Romeo Project," under the direction of the department of Aeronautical and Astronautical Engineering for the period July 15, 1990 through December 31, 1990. (312545, Ext. 1)

\$(39,916.00) - reduced from the budget by GE Reco Trailer, Cincinnati, Ohio, on project "One Twelfth Scale Ejector-powered Simulator for the GE90 Engine," under the direction of the department of Aeronautical and Astronautical Engineering for the period November 15, 1989 through June 30, 1991. (312524, CH# 3&4)

**TOTAL - INDUSTRIAL AND OTHER SPONSORED RESEARCH** **\$63,391.00**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND**

**Establishment of Named Funds**

**The Ohio Eminent Scholar in  
Experimental Materials Research**

The Ohio Eminent Scholar in Experimental Materials Research was established February 1, 1991, by the Board of Trustees of The Ohio State University with \$500,000 awarded by the General Assembly of Ohio and a matching \$500,000 from unrestricted gifts to the University.

February 1, 1991 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Establishment of Named Funds (contd)**

**The Ohio Eminent Scholar in  
Experimental Materials Research (contd)**

The funds are to be invested in the University's permanent endowment fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide salary and program support for the work of an outstanding scholar-leader in experimental materials research. Appointment as the Ohio Eminent Scholar in Experimental Materials Research will be recommended by the Dean of the College of Mathematical and Physical Sciences to the Provost and President and approved by the Board of Trustees.

Should the need for this position cease to exist or the funds so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the approved administrative official of the University who is then directly responsible for education and research in physics. Any redirection of this endowment prior to ten years from the date established shall require the prior approval of the Ohio Board of Regents.

**The Ohio Eminent Scholar in Social Psychology**

The Ohio Eminent Scholar in Social Psychology was established February 1, 1991, by the Board of Trustees of The Ohio State University with \$500,000 awarded by the General Assembly of Ohio and a matching \$500,000 from unrestricted gifts to the University.

The funds are to be invested in the University's permanent endowment fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide salary and program support for the work of an outstanding scholar-leader in social psychology. Appointment as the Ohio Eminent Scholar in Social Psychology will be recommended by the Dean of the College of Social and Behavioral Sciences to the Provost and President and approved by the Board of Trustees.

Should the need for this position cease to exist or the funds so diminish as to provide unused income, then the income may be used for any purposes whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the approved administrative official of the University who is then directly responsible for education and research in psychology. Any redirection of this endowment prior to ten years from the date established shall require the prior approval of the Ohio Board of Regents.

February 1, 1991 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Establishment of Named Funds (contd)**

**The Ohio Eminent Scholar in Soil Ecology**

The Ohio Eminent Scholar in Soil Ecology was established February 1, 1991, by the Board of Trustees of The Ohio State University with \$500,000 awarded by the General Assembly of Ohio and a matching \$500,000 from unrestricted gifts to the University.

The funds are to be invested in the University's permanent endowment fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide salary and program support for the work of an outstanding scholar-leader in soil ecology. Appointment as the Ohio Eminent Scholar in Soil Ecology will be recommended by the Dean of the College of Agriculture to the Provost and President and approved by the Board of Trustees.

Should the need for this position cease to exist or the funds so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the approved administrative official of the University who is then directly responsible for education and research in agronomy. Any redirection of this endowment prior to ten years from the date established shall require the prior approval of the Ohio Board of Regents.

**The Ohio Eminent Scholar in German**

The Ohio Eminent Scholar in German was established February 1, 1991, by the Board of Trustees of The Ohio State University with \$500,000 awarded by the General Assembly of Ohio and a matching \$500,000 from unrestricted gifts to the University.

The funds are to be invested in the University's permanent endowment fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide salary and program support for the work of an outstanding scholar-leader in German. Appointment as the Ohio Eminent Scholar in German will be recommended by the Dean of the College of Humanities to the Provost and President and approved by the Board of Trustees.

Should the need for this position cease to exist or the funds so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the approved administrative official of the University who is then directly responsible for education and research in humanities. Any redirection of this endowment prior to ten years from the date established shall require the prior approval of the Ohio Board of Regents.

February 1, 1991 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Establishment of Named Funds (contd)**

**The Ohio Eminent Scholar in Cosmology**

The Ohio Eminent Scholar in Cosmology was established February 1, 1991, by the Board of Trustees of The Ohio State University with \$500,000 awarded by the General Assembly of Ohio and a matching \$500,000 from unrestricted gifts to the University.

The funds are to be invested in the University's permanent endowment fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide salary and program support for the work of an outstanding scholar-leader in cosmology. Appointment as the Ohio Eminent Scholar in Cosmology will be recommended by the Dean of the College of Mathematical and Physical Sciences to the Provost and President and approved by the Board of Trustees.

Should the need for this position cease to exist or the funds so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the approved administrative official of the University who is then directly responsible for education and research in astronomy. Any redirection of this endowment prior to ten years from the date established shall require the prior approval of the Ohio Board of Regents.

**The Ohio Eminent Scholar in Geodynamics**

The Ohio Eminent Scholar in Geodynamics was established February 1, 1991, by the Board of Trustees of The Ohio State University with \$500,000 awarded by the General Assembly of Ohio and a matching \$500,000 from unrestricted gifts to the University.

The funds are to be invested in the University's permanent endowment fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide salary and program support for the work of an outstanding scholar-leader in geodynamics. Appointment as the Ohio Eminent Scholar in Geodynamics will be recommended by the Dean of the College of Mathematical and Physical Sciences to the Provost and President and approved by the Board of Trustees.

Should the need for this position cease to exist or the funds so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the approved administrative official of the University who is then directly responsible for education and research in geodetic science and surveying. Any redirection of this endowment prior to ten years from the date established shall require the prior approval of the Ohio Board of Regents.

February 1, 1991 meeting, Board of Trustees

## **REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

### **THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

#### **Change in Name and Description of Named Fund**

##### **The Kaufman Fellowship/Scholarship Fund**

The Lawrence A. Kaufman Scholarship Fund was established November 2, 1984, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Lawrence A. Kaufman (B.S.Pharm. '68). The name and description were revised February 1, 1991.

All gifts are to be invested in the University's permanent endowment fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to support graduate students in the M.S. or Ph.D. program in Pharmaceutical Administration in the College of Pharmacy. The fellowship recipient(s) shall be selected by the faculty members and the Chairperson of the Division of Pharmaceutical Administration, and shall be recognized as the Kaufman Graduate Fellow(s). Support also may be provided for a scholarship to support an undergraduate student who is most likely to succeed in community pharmacy and should be coordinated with the University Committee on Student Financial Aid.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

#### **Change in Description of Named Fund**

##### **The Jean R. Geisman Memorial Fund**

The Jean R. Geisman Memorial Fund was established April 5, 1985, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from the University Fruit and Vegetable Society, family, friends, students, and alumni of The Ohio State University Department of Horticulture. The description was revised February 1, 1991.

All gifts are to be invested in the University's permanent endowment fund, under the rules and regulations adopted by the Board of Trustees, with the right to invest and reinvest as occasion dictates.

The annual income shall be used for undergraduate scholarships in the College of Agriculture, to recognize one or more students each year who demonstrate the qualities of outstanding leadership, scholarship and service as exemplified by Professor Jean R. Geisman.

The recipients of this award shall be selected by the assistant dean of the College of Agriculture responsible for student financial aid in consultation with the University Committee on Student Financial Aid.

February 1, 1991 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

Change in Description of Named Fund (contd)

**The Jean R. Geisman Memorial Fund (contd)**

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer, in order to carry out the desire of the donors.

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION**

Report - December 1990

Federal Research Contracts/Grants

\$2,561,019.00 - Department of Labor, Bureau of Labor Statistics, Washington, D.C., National Longitudinal Surveys of Labor Market Experience, Round XII, Center for Human Resource Research (R. J. Olsen), 1 October 1990 through 30 June 1992. (Project 766448 - Continuation)

\$360,000.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Joint Services Electronics Program, ElectroScience Laboratory, Department of Electrical Engineering (L. Peters, Jr., P. H. Pathak, E. H. Newman, R. T. Compton, and R. C. Chou), 1 October 1990 through 30 September 1991. (Project 767124 - Continuation)

\$244,013.00 - Department of Agriculture, Science and Education, Peoria, Illinois, Cooperative Agricultural Research, Office of the Director - OARDC (N. D. Schmidt and R. F. Edwards), 1 October 1990 through 30 September 1991. (Project 766472 - Continuation)

\$225,636.00 - Department of Health and Human Services, National Cancer Institute, Bethesda, Maryland, Special Studies Facilitating the Flow of Preclinical Research Leads into Clinical Practice, Department of Medical Biochemistry (T. E. Webb), 30 November 1990 through 29 September 1991. (Project 768754 - New)

\$194,766.00 - Department of Health and Human Services, National Institute of Dental Research, Bethesda, Maryland, Neurotransmitters and Inflammatory Mediators in Tooth Movement, Orthodontics (Z. Davidovitch), 1 December 1990 through 30 November 1991. (Project 767223 - Continuation)

\$183,646.00 - Department of Health and Human Services, National Cancer Institute, Bethesda, Maryland, Novel Antineoplastic Agents from Higher Plants, College of Pharmacy (J. M. Cassidy and R. W. Doskotch) and Department of Pathology (R. E. Stephens), 1 December 1990 through 30 November 1991. (Project 767168 - Continuation)

\$164,292.00 - Department of Health and Human Services, National Institute of General Medical Sciences, Bethesda, Maryland, X-Ray Studies on Nucleic Acid Constituents, Department of Chemistry (M. Sundaralingam), 1 March 1991 through 29 February 1992. (Project 768487 - Continuation)

February 1, 1991 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$164,094.00 - Department of Health and Human Services, National Cancer Institute, Bethesda, Maryland, Immunoprevention of Human T-Cell Leukemia Virus-I Infection, Department of Veterinary Pathobiology (L. E. Mathes), 1 December 1990 through 30 November 1991. (Project 765057 - Continuation)

\$137,137.00 - Department of Health and Human Services, National Institute of General Medical Sciences, Bethesda, Maryland, Redox and Electron-Transfer Properties of Flavodoxins, Department of Biochemistry (R. P. Swenson), 1 December 1990 through 30 November 1991. (Project 767166 - Continuation)

\$134,200.00 - Department of Health and Human Services, National Institute of General Medical Sciences, Bethesda, Maryland, Stereochemistry of Enzyme Reactions to Phosphorus, Department of Chemistry (M. D. Tsai), 1 December 1990 through 30 November 1991. (Project 762722 - Continuation)

\$126,000.00 - Department of Energy, Argonne, Illinois, Hydrological and Geochemical Response and Recovery in Disturbed Arctic Ecosystems, Byrd Polar Research Center and Department of Agronomy (K. R. Everett), 1 January 1991 through 31 December 1991. (Project 764231 - Continuation)

\$104,839.00 - Department of Health and Human Services, National Institute of General Medical Sciences, Bethesda, Maryland, Recombinant Pharmaceutical Protein Production in Eggs, Department of Dairy Science - OARDC (C. P. Hodgson), 1 January 1991 through 31 December 1991. (Project 767179 - Continuation)

\$100,664.00 - National Science Foundation, Washington, D.C., Biostratigraphy and Paleobotany of the Beardmore Glacier Region, Department of Plant Biology (T. N. Taylor) and Byrd Polar Research Center (E. L. Taylor), 1 December 1990 through 30 November 1991. (Project 768061 - Continuation)

\$100,167.00 - Department of Health and Human Services, National Institute of Diabetes and Digestive and Kidney Diseases, Bethesda, Maryland, Stromal Defects in Retrovirus-Induced Myelosuppression, Department of Veterinary Pathobiology (G. J. Kociba), 15 December 1990 through 30 November 1991. (Project 767232 - Continuation)

\$98,195.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Substrate Recognition by Archaeobacterial tRNA Intron Processing Enzymes, Department of Microbiology (C. J. Daniels), 1 December 1990 through 30 September 1991. (Project 767661 - Continuation)

\$96,157.00 - Department of Health and Human Services, National Institute of General Medical Sciences, Bethesda, Maryland, A Study of DNA Intercalating Aromatic Amino Azides, Department of Chemistry (M. S. Platz), 1 December 1990 through 30 November 1991. (Project 765804 - Continuation)

\$95,824.00 - National Science Foundation, Washington, D.C., Corridor Aerogeophysics of the Southeastern Ross Transect Zone (CASERTZ), Byrd Polar Research Center (K. C. Jezek and D. Blankenship), 15 May 1990 through 30 April 1991. (Project 768224 - Continuation)

February 1, 1991 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$81,129.00 - National Science Foundation, Washington, D.C., Transverse Structural Segmentation of the Transantarctic Mountains, Department of Geological Sciences and Byrd Polar Research Center (T. J. Wilson), 1 June 1991 through 31 May 1992. (Project 768768 - New)

\$80,350.00 - National Science Foundation, Washington, D.C., Quaternary Climatic Record from the Antarctic Peninsula Region, Antarctica, Byrd Polar Research Center (K. C. Jezek and S. E. Ishman), 1 January 1991 through 31 December 1991. (Project 768075 - Continuation)

\$74,096.00 - Department of the Army, Army Materiel Command, Fort Monmouth, New Jersey, Computer-Communication Protocols for ISDNs (Integrated Services Digital Networks), Department of Computer and Information Science (M. T. Liu), 1 October 1990 through 28 February 1991. (Project 766613 - Continuation)

\$73,717.00 - Department of Education, Office of Educational Research and Improvements, Washington, D.C., Educational Resources Information Center (ERIC) Clearinghouse on Adult, Career, and Vocational Education, Center on Education and Training for Employment (R. D. Ryan), 1 January 1990 through 31 December 1990. (Project 766522 - Continuation)

\$72,214.00 - Department of the Air Force, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio, Laser Diagnostics of RF Hydrogen Plasma Reactors: Application to the Processing of III-V Materials, Department of Chemistry (T. A. Miller), 1 July 1989 through 30 June 1992. (Project 767838 - Continuation)

\$61,840.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, Proof-of-Feasibility Development and Analysis of Advanced Circuit Architectures for Intelligent Processing in Communication Systems, Department of Electrical Engineering (S. Bibyk), 1 December 1990 through 30 November 1991. (Project 767914 - Continuation)

\$52,000.00 - National Science Foundation, Washington, D.C., Physical Studies of Xanthine Oxidase and Arsenite Oxidase, Department of Medical Biochemistry (C. R. Hille), 1 November 1990 through 31 October 1991. (Project 767140 - Continuation)

\$46,920.00 - Department of the Air Force, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio, Scatterer Modeling/Calibration Study (Big Ear Measurement Supplement), ElectroScience Laboratory, Department of Electrical Engineering (R. J. Marhefka and J. D. Young), 1 October 1990 through 20 June 1991. (Project 766957 - Continuation)

\$45,001.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, Enroute Flight Planning: Evaluating Design Concepts for the Development of Cooperative Problem-Solving Systems, Department of Industrial and Systems Engineering (P. J. Smith), 1 November 1990 through 31 October 1991. (Project 767591 - Continuation)

\$45,000.00 - Department of Commerce, Bureau of Census, Washington, D.C., Nonresponse in Business Censuses and Surveys, Department of Statistics (E. A. Stasny and S. N. MacEachern), 30 September 1990 through 30 September 1991. (Project 768753 - New)

February 1, 1991 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$40,000.00 - Department of Health and Human Services, National Cancer Institute, Bethesda, Maryland, Study of the Clinical Pharmacokinetics of Anti-Cancer Drugs, College of Pharmacy (J. Supko), 1 December 1990 through 31 May 1991. (Project 766139 - Continuation)

\$37,000.00 - National Science Foundation, Washington, D.C., Presidential Young Investigator Award, Department of Welding Engineering (A. Benatar), 1 December 1990 through 30 June 1991. (Project 768483 - Continuation)

\$30,000.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, Experimental Study of Organized Structures in a Supersonic Shear Layer, Department of Mechanical Engineering (M. Samimy), 8 December 1990 through 9 July 1991. (Project 765794 - Continuation)

\$25,330.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, Ultrasonic Evaluation of Damage in Ceramic Matrix Composites, Department of Welding Engineering (S. Rokhlin), 1 January 1991 through 31 December 1991. (Project 768746 - New)

\$24,750.00 - Department of Energy, Argonne, Illinois, Strongly Interacting Fermion Systems, Department of Physics (J. W. Wilkins), 15 November 1990 through 14 November 1991. (Project 766783 - Continuation)

\$24,654.00 - Department of the Air Force, Air Force Systems Command, Bolling Air Force Base, D.C., Relegation for Decentralized Control, Department of Electrical Engineering (U. Ozguner), 1 October 1990 through 28 February 1991. (Project 767334 - Continuation)

\$14,765.00 - National Science Foundation, Washington, D.C., Monitoring Gene Changes Following Long-Term Seed Storage, Department of Agronomy - OARDC and Department of Agronomy (J. C. Kamalay), 1 September 1990 through 31 August 1991. (Project 768726 - New)

\$13,450.00 - National Science Foundation, Washington, D.C., U.S.-U.K. Cooperative Research: Stellar Opacities and Atomic Data, Department of Astronomy (A. K. Pradhan), 15 December 1990 through 30 November 1993. (Project 768763 - New)

\$9,276.00 - National Science Foundation, Washington, D.C., Mesozoic and Cenozoic Kinematic Evolution of the Transantarctic Mountains, Byrd Polar Research Center and Department of Geological Sciences (T. J. Wilson), 1 January 1991 through 31 December 1991. (Project 767387 - Continuation)

\$8,500.00 - National Science Foundation, Washington, D.C., Bayesian Analysis, Chaos, Stochastic Optimization, and File-Merging Methodology, Department of Statistics (P. K. Goel and L. M. Berliner), 1 September 1990 through 31 August 1991. (Project 768745 - New)

\$3,000.00 - Department of Agriculture, Science and Education, Peoria, Illinois, 12th Conference of the International Soil Tillage Research Organization, Department of Agronomy - OARDC and Department of Agronomy (R. Lal), 15 November 1990 through 14 November 1991. (Project 768762 - New)

February 1, 1991 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$1,000.00 - Department of Agriculture, Soil Conservation Service, Washington, D.C., 12th Conference of the International Soil Tillage Research Organization, Department of Agronomy - OARDC and Department of Agronomy (R. Lal), 29 October 1990 through 12 July 1991. (Project 768761 - New)

Purchased Services - National Aeronautics and Space Administration, Washington, D.C., Conducting Experiments in the Space Shuttle, Center for Mapping and Department of Geodetic Science and Surveying (J. D. Bossler), 31 October 1988 through 13 October 1991. (Project 768733 - New) (Approximate Dollar Value - \$1,000,000)

**TOTAL - FEDERAL AWARDS** **\$5,954,641.00**

**State of Ohio Research Contracts/Grants**

\$200,000.00 - State of Ohio, Department of Aging, Columbus, Ohio, OSU Alzheimer's Disease Research Center, Department of Geriatrics and Gerontology (G. L. Trzebiatowski), Department of Psychiatry (M. H. Neff and E. M. Burns), Department of Pharmacology (N. H. Neff), Department of Psychology (M. F. Sarter), Department of Medical Biochemistry (A. A. Farooqui and L. A. Horrocks), and Department of Neurology (S. J. Huber), 1 July 1990 through 30 June 1991. (Project 766254 - Continuation)

\$190,000.00 - State of Ohio, Department of Development, Columbus, Ohio, Support for the Ohio Technology Transfer Organization (OTTO), Engineering Experiment Station and Department of Mechanical Engineering (R. E. Bailey), 1 July 1990 through 30 June 1991. (Project 768564 - Continuation)

\$14,000.00 - State of Ohio, Department of Natural Resources, Columbus, Ohio, Geodetic Advisor for the State of Ohio, Center for Mapping and Department of Geodetic Science and Surveying (J. D. Bossler), 1 July 1990 through 30 June 1991. (Project 766336 - Continuation)

**TOTAL - STATE OF OHIO AWARDS** **\$ 404,000.00**

**Industrial Research Contracts/Grants**

\$487,300.00 - AT&T Bell Laboratories, Southfield, Michigan, Network Management and Operations Support Services, Academic Computing Services (R. S. Dixon), 16 November 1990 through 15 November 1991. (Project 768756 - New)

\$140,062.00 - Pfizer, Inc., Groton, Connecticut, Phase I Multiple Dose, Double-Blind, Placebo-Controlled Study Evaluating the Safety and Pharmacokinetics of Oral CP-72,133 in Normal Male Volunteers, Department of Pharmacology (N. Gerber), 1 July 1990 through 31 December 1990. (Project 768171 - Continuation)

\$47,906.00 - Pfizer, Inc., Groton, Connecticut, Efficacy of Intravenous CP-95,253 in Type II (Non-Insulin Dependent) Diabetic Patients Who Are Not Optimally Controllable on Sulfonylureas, Department of Internal Medicine (T. M. O'Dorisio and K. Osei), 1 November 1990 through 31 October 1991. (Project 768724 - New)

February 1, 1991 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Industrial Research Contracts/Grants (contd)**

\$27,044.85 - Ethicon, Inc., Somerville, New Jersey, An Open Label Extension of the Evaluation of 2% Ketanserin Ointment for the Treatment of Lower Extremity Diabetic Ulcers, Department of Internal Medicine (S. Cataland), 1 September 1989 through 30 June 1991. (Project 767776 - Continuation)

\$24,958.00 - General Electric Company, Cincinnati, Ohio, On the Electromagnetic Characterization of Realistic Engine Front/Turbine Frames, ElectroScience Laboratory, Department of Electrical Engineering (P. Pathak), 1 October 1990 through 30 November 1990. (Project 768710 - New)

\$24,743.00 - Navistar International Transportation Corporation, Columbus, Ohio, Navistar International Fitness Program: Sports Management Internships, 1991, School of Health, Physical Education, and Recreation (D. Zakrajsek), 1 January 1991 through 31 December 1991. (Project 767298 - Continuation)

\$18,963.00 - Cryopharm Corporation, Pasadena, California, The Synthesis and Evaluation of New Drugs for Viral Inactivation, Department of Chemistry (M. S. Platz), 1 January 1991 through 30 June 1991. (Project 768749 - New)

\$16,000.00 - Worthington Foods, Inc., Worthington, Ohio, The Formation of Functional Copolymer Gels from Food Proteins, Department of Food Science and Technology (M. E. Mangino) and Restorative and Prosthetic Dentistry (W. M. Culbertson), 1 October 1990 through 30 September 1991. (Project 768755 - New)

\$11,025.00 - CBP Resources, Inc., Greensboro, North Carolina, Effects of Esterification and Saturation of Tallow Fatty Acids on Fiber Digestibility and Milk Production of Dairy Cows, Department of Dairy Science - OARDC and Department of Dairy Science (M. L. Eastridge), 1 October 1990 through 30 September 1992. (Project 767280 - Continuation)

\$9,720.00 - Brigham and Women's Hospital, Boston, Massachusetts, The Comprehensive Management of Unstable Angina and Non-Q-Wave Myocardial Infarction: The Roles of t-PA and Revascularization, Department of Internal Medicine (R. D. Magorien), 1 August 1990 through 31 July 1991. (Project 768603 - Continuation)

\$5,201.40 - Bio-Pharm Clinical Services, Inc., Blue Bell, Pennsylvania, Double-Blind, Placebo-Controlled Study of the Effect of Ceftizoxime Sodium in the Management of Patients with Premature Rupture of Membranes, Department of Obstetrics and Gynecology (J. D. Iams), 8 October 1990 through 7 October 1991. (Project 768743 - New)

\$4,410.00 - GTE Products Corporation, Danvers, Massachusetts, Influence of Photoperiod Extension on Growth and Preharvest Drop of Apples, Department of Horticulture - OARDC (D. C. Ferree), 1 August 1990 through 31 December 1990. (Project 768748 - New)

**TOTAL - INDUSTRIAL AWARDS**

**\$ 817,333.25**

**Other Non-Federal Research Contracts/Grants**

\$195,769.00 - The Cleveland Foundation, Cleveland, Ohio, Young Scholars Program, Academic Affairs Administration (J. J. Bishop), 1 April 1990 through 31 March 1993. (Project 768764 - New)

February 1, 1991 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Other Non-Federal Research Contracts/Grants (contd)**

\$154,505.00 - Battelle Memorial Institute, Columbus, Ohio, Evaluation of the Influenza Vaccination Demonstration Project, Department of Internal Medicine (J. F. Plouffe), 1 August 1990 through 30 November 1991. (Project 768769 - New)

\$56,815.00 - American Quarter Horse Association, Amarillo, Texas, Metabolic and Cardiovascular Alterations Associated with Chronic Sublethal Escherichia Coli Endotoxic Shock and Administration of Leucine and Dichloroacetate in Horses, Department of Veterinary Clinical Sciences (J. J. Bertone), 1 October 1990 through 30 September 1991. (Project 768750 - New)

\$27,152.00 - Battelle Memorial Institute, Columbus, Ohio, Enhanced Coal Biodesulfurization Through the Genetic Modification of Bacterial Strains, Department of Microbiology (O. H. Tuovinen), 1 October 1990 through 31 December 1991. (Project 767902 - Continuation)

\$22,000.00 - Universities Space Research Association, Houston, Texas, The Design of a Hypersonic Research Vehicle, Department of Aeronautical and Astronautical Engineering (G. M. Gregorek), 16 June 1990 through 15 June 1991. (Project 767919 - Continuation)

\$22,000.00 - Universities Space Research Association, Houston, Texas, Permanently Manned Autonomous Space Oasis, Department of Aeronautical and Astronautical Engineering (H. A. Oz and R. K. Yedavalli), 16 June 1990 through 15 June 1991. (Project 767918 - Continuation)

\$20,000.00 - Maharishi Ayurveda Foundation, Lancaster, Massachusetts, Research on Natural Products and the Study of Effects of Sound and Light, Department of Pathology (H. M. Sharma), 15 June 1990 through 14 June 1991. (Project 768362 - Continuation)

\$15,000.00 - Deafness Research Foundation, New York, New York, Regulation of Cellular Differentiation of Chinchilla Middle Ear Epithelium by Vitamin A, Department of Otolaryngology (L. O. Bakaletz), 1 January 1991 through 31 December 1991. (Project 768767 - New)

\$15,000.00 - Deafness Research Foundation, New York, New York, Endotoxin Induced Histopathological and Functional Changes in the Inner Ear, Department of Otolaryngology (T. DeMaria), 1 January 1991 through 31 December 1991. (Project 767971 - Continuation)

\$14,278.00 - Pakistan Participant Training Program, Washington, D.C., Training Program in Quality Control/Quality Assurance, College of Pharmacy (J. A. Visconti), 7 January 1991 through 19 April 1991. (Project 768738 - New)

\$10,000.00 - Sigma Kappa Sorority Foundation, North Little Rock, Arkansas, Using an Animal Model (Nucleus Basalis Lesions) to Evaluate a New Pharmacotherapeutic Drug (SR-3) in the Treatment of Alzheimer's Disease, Department of Pathology (R. F. Mervis), 1 September 1990 through 31 December 1990. (Project 767198 - Continuation)

\$5,000.00 - Pharmaceutical Manufacturers Association Foundation, Inc., Washington, D.C., Pharmaceutical Manufacturers Association Foundation 1991 Undergraduate Research Fellowships in Pharmaceuticals, College of Pharmacy (J. L. Au), 1 January 1991 through 31 December 1991. (Project 768751 - New)

February 1, 1991 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Other Non-Federal Research Contracts/Grants (contd)**

\$3,594.00 - University of Pittsburgh, Pittsburgh, Pennsylvania, Antarctic Meteorites, Byrd Polar Research Center (K. C. Jezek and M. Jackson), 1 November 1990 through 31 January 1991. (Project 768759 - New)

\$3,000.00 - George Gund Foundation, Cleveland, Ohio, Art: Architecture -- A Symposium, School of Architecture (B. Gianni), 1 October 1990 through 15 April 1991. (Project 768744 - New)

\$2,200.00 - Friends of the Homeless, Inc., Columbus, Ohio, Job Training for the Homeless Demonstration Program for 1989, College of Social Work (R. Alexander, Jr.), 1 October 1990 through 31 March 1991. (Project 767966 - Continuation)

\$725.00 - Greater Columbus Arts Council, Columbus, Ohio, Jerome Lawrence Residency, Department of Theatre (A. L. Woods), 1 September 1990 through 31 January 1991. (Project 768739 - New)

**TOTAL - OTHER NON-FEDERAL AWARDS** **\$ 567,038.00**

**ENGINEERING EXPERIMENT STATION**

**Industry and Other Sponsored Research and Development**

\$117,000.00 - additional budget from EPRI, Palo Alto, California, for "Modeling of Electromagnetic Fields in Substations," under the direction of the Department of Electrical Engineering for the period August 1, 1988 through December 31, 1991. (529770, Ext. 4)

\$50,000.00 - from various industry for membership in the Engineering Research Center for Net Shape Manufacturing under the direction of the Engineering Experiment Station. (529200)

\$47,146.00 - additional budget from EPRI, Palo Alto, California, for "Fiber Optics in Radiation Environments," under the direction of the Engineering Experiment Station for the period April 15, 1990 through December 31, 1991. (529845, Ext. 1)

\$42,000.00 - additional budget from NCR Corporation, Cambridge, Ohio, for "Investigation of Wrist Motions Contributing to Carpal Tunnel Syndrome Risk in the Design of Retail Scanners," under the direction of the Department of Industrial and Systems Engineering for the period March 1, 1989 through March 31, 1991. (529794, Ext. 3)

\$34,437.00 - additional budget from Dow Chemical, Midland, Michigan, for "Fundamental Sorbent Properties for Applications in Gas Drying by Pressure Swing Adsorption," under the direction of the Department of Chemical Engineering for the period July 1, 1988 through October 31, 1991. (529776, Ext. 2)

\$30,000.00 - additional budget from General Electric, Cincinnati, Ohio, for "Active Limitation of Base Metal Melting in Weld Repair of Castings, Phase III," under the direction of the Department of Welding Engineering for the period July 1, 1989 through June 30, 1991. (529817, Ext. 2)

February 1, 1991 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**ENGINEERING EXPERIMENT STATION (contd)**

**Industry and Other Sponsored Research and Development (contd)**

\$30,000.00 - from various industry for associate membership in the Engineering Research Center for Net Shape Manufacturing under the direction of the Engineering Experiment Station. (529200)

\$20,000.00 - from various industry for membership in the Compact Radar Cross Section Measurement Ranges Research & Development Consortium under the direction of the Department of Electrical Engineering. (312884)

\$14,000.00 - from various industry for affiliate membership in the Engineering Research Center for Net Shape Manufacturing under the direction of the Engineering Experiment Station. (529200)

\$8,185.00 - from seven sponsors of nine development projects in one department of the College.

\$8,000.00 - from various industry for membership in the Program on Computer-Aided Life Cycle Design on Mechanical Components and Systems, under the direction of the Department of Mechanical Engineering. (312594)

**TOTAL - INDUSTRIAL AND OTHER SPONSORED RESEARCH** **\$400,768.00**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND**

**Establishment of Named Funds**

**The Thomas Alan Ganner Memorial Merit Scholarship Fund**

The Thomas Alan Ganner Memorial Merit Scholarship Fund was established February 1, 1991, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from Donna D. Ganner.

All gifts are to be invested in the University's permanent endowment fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide scholarships in support of students that display academic performance of the highest caliber. Selection shall be made by the Chair of the Faculty of Accounting, or his/her representative, in consultation with the University Committee on Student Financial Aid.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson or program administrative officer in order to carry out the desire of the donor.

February 1, 1991 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Establishment of Named Funds (contd)**

**The Student Affairs Minority Scholarship Fund**

The Student Affairs Minority Scholarship was established February 1, 1991, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from University concert proceeds.

All gifts are to be invested in the University's permanent endowment fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to fund scholarships for needy minority students, as administered by the Office of Student Financial Aid.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donors.

**The Michael R. Zetz Scholarship Fund**

The Michael R. Zetz Scholarship Fund was established February 1, 1991, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Michael R. Zetz (D.D.S. '70) of Canton, Ohio.

All gifts are to be invested in the University's permanent endowment fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide scholarships for dental students from Stark, Summit and Wayne counties. Priority should be given to those dental students who demonstrate a need for financial assistance. Scholarship awards shall be made by the Dean of the College of Dentistry, or his/her representative, in coordination with the University Committee on Student Financial Aid.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

February 1, 1991 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Establishment of Named Funds (contd)**

**The Jo Ann M. Ferguson Scholarship Fund  
for Synchronized Swimming**

The Jo Ann M. Ferguson Scholarship Fund for Synchronized Swimming was established February 1, 1991, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from Jo Ann M. Ferguson Kale (B.S.Nurs. '76) of Fort Smith, Arkansas.

All gifts are to be invested in the University's permanent endowment fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to help fund the grant-in-aid (scholarship) costs for a student athlete(s) who is a member of the varsity synchronized swimming team. Selection of the recipient(s) is to be made by the administrative official in charge of women's varsity sports programs, the head coach of the varsity synchronized swimming team, and when possible and practical, Jo Ann M. Ferguson Kale, or her representative, in consultation with the University Committee on Student Financial Aid.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with Jo Ann M. Ferguson Kale or her representative, when possible, and the appropriate administrative official of the University then responsible for the intercollegiate varsity athletic programs in order to carry out the desire of the donor. Regardless of the use, the fund will continue to bear the name The Jo Ann M. Ferguson Scholarship Fund for Synchronized Swimming.

**The Lewis Rolfes Heldt Scholarship Fund**

The Lewis Rolfes Heldt Scholarship Fund was established February 1, 1991, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Lewis Rolfes Heldt (M.A. Education '51) of Toledo, Ohio.

All gifts are to be invested in the University's permanent endowment fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide freshman and sophomore honors scholarships. Selection is to be made by the Director, University Honors, or his/her designee, in consultation with the University Committee on Student Financial Aid.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate program administrative officer in order to carry out the desire of the donor.

February 1, 1991 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Change in Name of Named Fund**

**The Deloitte and Touche Accounting  
Professorship Fund**

The Deloitte Haskins & Sells Accounting Professorship Fund was established December 4, 1987, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the partners of Deloitte Haskins & Sells and the Deloitte Haskins & Sells Foundation. The name of the fund was revised February 1, 1991.

All gifts are to be invested in the University's permanent endowment fund, under the rules and regulations adopted by the Board of Trustees, with the right to invest and reinvest as occasion dictates.

The annual income shall be added to the Deloitte & Touche Accounting Professorship Fund's principal until the Fund's principal accumulates to \$500,000. Thereafter, the annual income shall be used to provide a professorship in accounting in the College of Business. Appointment to the Deloitte & Touche Accounting Professorship will be recommended by the Dean of the College of Business to the Provost and approved by the Board of Trustees.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then the income, with the approval of the chairman of Deloitte & Touche may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for business education.

**Change in Description of Named Funds**

**Theresa Lucille Brown Adams Scholarship Fund**

The Theresa Lucille Brown Adams Scholarship Fund was established May 1, 1986, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from the family and many friends of Theresa Lucille Brown Adams in her memory. The description was revised February 1, 1991.

All gifts are to be invested in the University's permanent endowment fund, under the rules and regulations adopted by the Board of Trustees, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to support African-American students who are residents of Columbus, Ohio, through scholarships administered by the Minority Scholars Program in consultation with the Committee on Student Financial Aid at The Ohio State University.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer, in order to carry out the desire of the donors.

February 1, 1991 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Change in Description of Named Funds (contd)**

**The Earl B. Poling Graduate Research  
Fellowship in Agricultural Economics**

The Earl B. Poling Graduate Research Fellowship in Agricultural Economics was established November 30, 1979, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from the Mideast United Dairy Industry Association. The description was revised February 1, 1991.

All gifts are to be invested in the University's permanent endowment fund, under the rules and regulations adopted by the Board of Trustees, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to support graduate student research and to support faculty members in research and extension activities, including travel, data acquisition and analysis, and publication, in the Department of Agricultural Economics and Rural Sociology and within the general areas of dairy marketing, cooperative marketing, and generic promotion as deemed desirable by the department chairperson.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees, in consultation with the appropriate college dean, department chairperson or program administrative officer, in order to carry out the desire of the donors.

**Change in Name and Description of Chair**

**The Ralph W. Kurtz Chair in Hormonology**

The Ralph W. Kurtz Chair in Endocrinology was established September 7, 1973, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Ralph W. and Helen C. Kurtz of Tampa, Florida. The name and description were revised February 1, 1991.

All gifts are to be invested in the University's permanent endowment fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used for teaching in hormonology, for the enhancement of research in hormonology and for the development of clinical learning experiences in hormonology, but is not necessarily limited to these three areas. Funds provided for the support of this Chair can be used for purposes of salary or program support.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson or program administrative officer in order to carry out the desire of the donors.

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**REQUEST FOR CONSTRUCTION BIDS**

Resolution No. 91-85

**MCCAMPBELL HALL-NEW DIABETES AND  
ATHEROSCLEROSIS OUTPATIENT CLINIC**

Synopsis: Authorization to request construction bids for the McCampbell Hall - New Diabetes and Atherosclerosis Outpatient Clinic is proposed.

WHEREAS the College of Medicine desires to construct a new diabetes and atherosclerosis outpatient clinic in McCampbell Hall; and

WHEREAS the total estimated project cost is \$221,345.00, and the total estimated construction cost is \$194,345.00, with funding provided by the College of Medicine:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Acting Vice President for Business and Administration be authorized to request construction bids on this project in accordance with established University procedures, and if satisfactory bids are received, to award contracts, with all actions to be reported to this Board at the appropriate time.

Upon motion of Amb. Wolf, seconded by Mr. Teaford, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix LIII for background material, page 851.)

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**REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS**

Resolution No. 91-86

**WEST CAMPUS REMODELING;  
UNIVERSITY AIRPORT RENOVATION - 1990;  
MCPHERSON LABORATORY ROOF REPLACEMENT;  
UNIVERSITY AIRPORT RENOVATION - 1989;  
OARDC - NEW AGRONOMY FARM, PHASE IV; and  
REFUSE FACILITY UPGRADING**

Synopsis: Approval of the Report of Award of Contracts and the Establishment of Contingency Funds for the West Campus Remodeling; University Airport Renovation - 1990; McPherson Laboratory Roof Replacement; University Airport Renovation -1989; OARDC - New Agronomy Farm, Phase IV; and Refuse Facility Upgrading projects is recommended.

WHEREAS resolutions adopted by the Board of Trustees on June 10, 1982, September 4, 1984, and May 4, 1989, authorized the President and/or Vice President for Business and Administration to request construction bids in accordance with established State of Ohio and University procedures, and if satisfactory bids were received to recommend the award of contracts for the following projects: OARDC - New Agronomy Farm, Phase IV; West Campus Remodeling; McPherson Laboratory Roof Replacement; and Refuse Facility Upgrading; and

February 1, 1991 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

WEST CAMPUS REMODELING;  
UNIVERSITY AIRPORT RENOVATION - 1990;  
MCPHERSON LABORATORY ROOF REPLACEMENT;  
UNIVERSITY AIRPORT RENOVATION - 1989;  
OARDC - NEW AGRONOMY FARM, PHASE IV; and  
REFUSE FACILITY UPGRADING (contd)

WHEREAS resolutions adopted by the Board of Trustees on March 2, and July 6, 1990, authorized the President and/or Vice President for Business and Administration to request construction bids in accordance with established University procedures, and if satisfactory bids were received, to award contracts for the following projects: University Airport Renovation - 1990 and University Airport Renovation - 1989:

NOW THEREFORE

BE IT RESOLVED, That pursuant to the actions previously authorized by the Board, the Report of Award of Contracts and Establishment of Contingency Funds for the West Campus Remodeling, University Airport Renovation - 1990, McPherson Laboratory Roof Replacement, University Airport Renovation - 1989, OARDC - New Agronomy Farm, Phase IV, and Refuse Facility Upgrading projects is hereby approved.

Upon motion of Amb. Wolf, seconded by Mr. Teaford, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix LIV for background material and tabulation of bids, page 853.)

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Dr. Warmbrod:

We are seeking to acquire this property as an adjunct to the acreage where we house the Molly Caren Agricultural Center. It will be used as an integral unit and, basically, a major purpose will be the eventual relocation of our animal facilities at Don Scott and the dairy operation on Lane Avenue. This will be a long range effort to consolidate both the research and the animal area facilities. The operation will be integrated with the Molly Caren operation where we have the Farm Science Review. It would be highly advantageous for us to be able to make this move at this time.

Mr. Teaford:

How big is the Caren property?

Dr. Warmbrod:

Slightly over 900 acres -- the combination would be about 2,100 acres.

Mrs. Bowser:

Does this fit in to your strategic plan in the College of Agriculture?

February 1, 1991 meeting, Board of Trustees

Dr. Warmbrod:

Yes, it does. At the present time, we have detailed planning going on for what facilities we will need at that location.

Mrs. Bowser:

Your plan, I know, is to farm this and make all or part of the payments with profits. Will the University do that, or will you handle this in another manner?

Dr. Warmbrod:

We plan to farm it ourselves.

Mrs. Bowser:

You're about to learn something!

Mr. Celeste:

What does happen if the funding isn't sufficient?

Dr. Warmbrod:

Perhaps John Ellinger, Assistant Vice President, can give us the details of the plan for acquiring the funds to pay the loan.

Dr. Ellinger:

Our opportunity here is to combine the operations that we currently have at the Farm Science Review, Molly Caren Agricultural Center. We have two full-time staff there, two additional full-time staff that manage the Farm Science Review, and two students. We feel we can pick up this additional property and farm it in a productive way, because this property has 20 percent more productive capability than even the Molly Caren property next door. The second piece is that we can add to this operation with a one full-time person and an additional student employee.

A number of our students in the College have questioned the move of our animal facilities from Columbus, which is a close proximity for them. In our recommendation for these facilities, we hope to convert the dairy operation at Lane Avenue into an enclosed teaching animal holding facility. That way our students will not have to leave Columbus to take classes, but we will bring the animals to the students here on main campus for any academic work, as well as, for the programs the student clubs put on.

Mrs. Bowser:

What is your projected time in paying this farm off?

Dr. Ellinger:

Depending upon what eventual bonds would be done -- within 15 or 20 years -- depending upon what our financial arrangements are when they are sold.

February 1, 1991 meeting, Board of Trustees

Mr. Teaford:

Do we really anticipate that they will let us have bonds that are only secured by farm revenues?

Mr. Nichols:

Mr. Teaford, all of the bonds that we issue for any of our auxiliaries are not guaranteed, if you will, by the income solely from that. They are general receipts bonds, they are therefore guaranteed by the general receipts of the University. We in turn, from a financial point of view in the Office of Finance and, also, in the Treasurers Office, do a very careful analysis to make sure that those auxiliaries can indeed pay off their portion of the overall issue so that it does not become a drain on the general University.

Amb. Wolf:

Thank you, very much. I think we all agree that this would be a great addition to the University and would insure the future of our agricultural program.

Mr. Teaford:

I have one additional question. This becomes Trustee property, as opposed to State of Ohio property, is that right?

Mr. Nichols:

That is correct.

#### **PURCHASE OF REAL PROPERTY**

Resolution No. 91-87

#### **1,102 ACRES IN MADISON COUNTY, OHIO**

Synopsis: The purchase of approximately 1,102 acres of real property located in Madison County, Ohio, is recommended.

WHEREAS The Ohio State University's College of Agriculture is in need of additional farmland to replace the land used for its existing inadequate livestock facilities; and

WHEREAS the University has been presented with an opportunity to purchase 1,102 acres of farmland located in Madison County adjacent to the University's Molly Caren Agricultural Center; and

WHEREAS this property has an appraised value of \$1,448,000.00 to \$1,615,500.00, and the owner, the Prudential Insurance Company of America, has offered to sell the property to the University for \$1,600,000.00 and;

WHEREAS funds for the purchase will be provided from the farm's operation by the College of Agriculture and from College fundraising, and the University intends to use internal financing as a temporary measure for 12-18 months pending issuance of bonds to permanently finance this project; and

**PURCHASE OF REAL PROPERTY (contd)**

**1,102 ACRES IN MADISON COUNTY, OHIO (contd)**

WHEREAS the appropriate University officers have determined that the purchase of this property is in the best interest of the University:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Acting Vice President for Business and Administration be authorized to purchase, in the name of the Board of Trustees, this approximately 1,102-acre farm at a price not to exceed \$1,600,000.00, upon such terms and conditions as are deemed to be in the best interest of the University.

Upon motion of Amb. Wolf, seconded by Mr. Shumate, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix LV for background material and map, page 869.)

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**EASEMENT**

Resolution No. 91-88

**CITY OF COLUMBUS  
HARRISBURG PIKE, COLUMBUS, OHIO**

Synopsis: Authorization to grant an easement to the City of Columbus for a sanitary sewer and a water line on University property located near Harrisburg Pike is proposed.

WHEREAS the City of Columbus has requested a 15-year easement consisting of two strips of land, one approximately ten feet in width and 213 feet in length for the installation of a sanitary sewer and the other approximately 30 feet in width and 452 feet in length for the installation of a water line, on University property located in the Westbrook Subdivision near Harrisburg Pike; and

WHEREAS Belmont Development Corporation will make the necessary improvements and installations for the sanitary sewer and water line; and

WHEREAS the sanitary sewer and water line will enhance the value of University property; and

WHEREAS the appropriate University offices have recommended that this easement be granted:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Acting Vice President for Business and Administration, on behalf of the Board of Trustees, be authorized to request the Deputy Director of Public Works of the Department of Administrative Services to act for and on behalf of the University in developing the necessary legal instruments to provide for this easement.

Upon motion of Amb. Wolf, seconded by Ms. Casto, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix LVI for map, page 873.)

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**EASEMENT**

Resolution No. 91-89

**G.T.E. NORTH, INC.  
OARDC-JACKSON BRANCH**

Synopsis: Authorization to grant an easement for telephone service to G.T.E. North, Inc. at The Ohio Agricultural Research and Development Center located in Jackson, Ohio, is proposed.

WHEREAS G.T.E. North, Inc. has requested a 15-year easement consisting of a strip of land approximately 16 feet in width and 1,843 feet in length for the installation of underground telephone cable at the Jackson Branch property of OARDC; and

WHEREAS this easement will serve University property and private property; and

WHEREAS G.T.E. North, Inc. will compensate the University with a lump sum payment of \$707.00 in consideration of the granting of this easement; and

WHEREAS the appropriate University offices have recommended that this easement be granted:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Acting Vice President for Business and Administration be authorized to request the Deputy Director of Public Works of the Department of Administrative Services, pursuant to his statutory duties, to act for and on behalf of the University in developing the necessary legal instruments to provide for this easement.

Upon motion of Amb. Wolf, seconded by Ms. Casto, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix LVII for map, page 875.)

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**EASEMENT**

Resolution No. 91-90

**THE OHIO BELL TELEPHONE COMPANY  
DUBLIN-GRANVILLE ROAD, COLUMBUS, OHIO**

Synopsis: Authorization to grant an easement for telephone service to the Ohio Bell Telephone Company on University property located on the south side of Dublin-Granville Road is proposed.

WHEREAS the Ohio Bell Telephone Company has requested a 15-year easement consisting of a strip of land approximately ten feet in width and 2,409 feet in length for the installation of underground telephone conduit along the south side Dublin-Granville Road near the University Airport; and

WHEREAS this easement will serve private property; and

February 1, 1991 meeting, Board of Trustees

**EASEMENT (contd)**

**THE OHIO BELL TELEPHONE COMPANY  
DUBLIN-GRANVILLE ROAD, COLUMBUS, OHIO (contd)**

WHEREAS the Ohio Bell Telephone Company will compensate the University with a lump sum payment of \$10,000.00 in consideration of the granting of this easement; and

WHEREAS the appropriate University offices have recommended that this easement be granted:

NOW THEREFORE

BE IT RESOLVED, That the President and /or Acting Vice President for Business and Administration be authorized to request the Deputy Director of Public Works of the Department of Administrative Services to act for and on behalf of the University in developing the necessary legal instruments to provide for this easement.

Upon motion of Amb. Wolf, seconded by Mr. Shumate, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix LVIII for map, page 877.)

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**EASEMENT**

Resolution No. 91-91

**OHIO POWER COMPANY  
NEWARK CAMPUS**

Synopsis: Authorization to renew an easement to the Ohio Power Company for electric service at the Newark Regional Campus is proposed.

WHEREAS in 1975 The Ohio State University granted to the Ohio Power Company a 15-year easement consisting of a strip of land 10 feet in width and 1,011 feet in length for underground electric service to Hopewell Hall at the Newark Regional Campus.

WHEREAS this easement has expired, and the Ohio Power Company has requested a renewal of the easement for a period of 15 years; and

WHEREAS the appropriate University offices have recommended the renewal of this easement:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Acting Vice President for Business and Administration be authorized to request the Deputy Director of Public Works of the Department of Administrative Services, pursuant to his statutory duties, to act for and on behalf of the University in developing the necessary legal instruments to provide for this easement.

Upon motion of Amb. Wolf, seconded by Ms. Casto, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix LIX for map, page 879.)

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February 1, 1991 meeting, Board of Trustees

**AMENDMENT TO THE FACULTY/STAFF DEPENDENT  
FEE AUTHORIZATION PROGRAM**

Resolution No. 91-92

Synopsis: Amendment to the Faculty/Staff Dependent Fee Authorization Program is proposed to continue eligibility for the spouse and dependent children of military reservists called for extended active duty.

WHEREAS at its December 7, 1978 meeting, the Board of Trustees approved the establishment of a Fee Authorization Program for Faculty/Staff Dependents; and

WHEREAS the current Program provides that eligibility is continued for one full quarter beyond the date that a leave of absence without pay is granted; and

WHEREAS the appropriate University offices and the President's executive committee have reviewed the current policy in light of the extended call-up to active duty of university faculty and staff serving in the U.S. military reserves:

NOW THEREFORE

BE IT RESOLVED, That effective immediately, eligibility for participation in the Fee Authorization Program for Faculty/Staff Dependents will be continued for the duration of a faculty/staff member's military leave of absence, when such leave is the result of an extended call to active duty of military reservists by an Act of Congress or the President of the United States.

Upon motion of Amb. Wolf, seconded by Mr. Shumate, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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Thereupon the Board adjourned to meet Friday, March 1, 1991, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio.

Attest:

Madison H. Scott  
Secretary

Shirley D. Bowser  
Chairperson

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**APPENDIX XLVI**

**THE OHIO STATE UNIVERSITY ENDOWMENT SUMMARY  
January 18, 1991**

**Presented to the Investments Committee and  
Adopted by the Board of Trustees, February 1, 1991  
(See page 732)**

**THE OHIO STATE UNIVERSITY**  
**ENDOWMENT FUND**

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**ENDOWMENT SUMMARY**

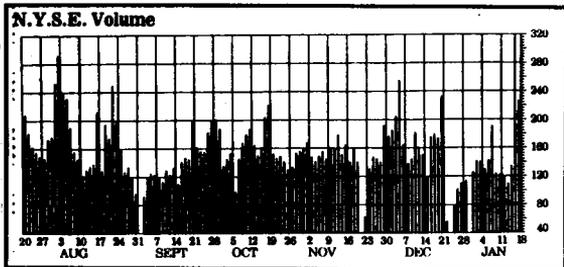
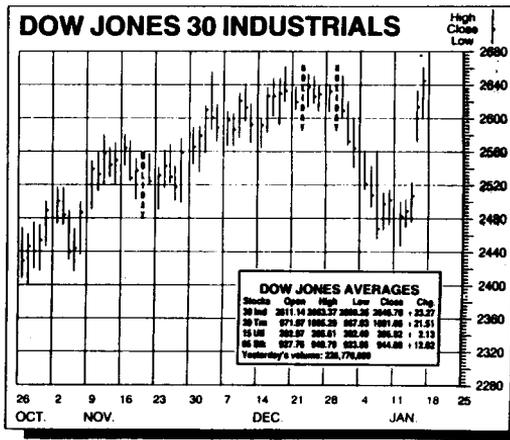
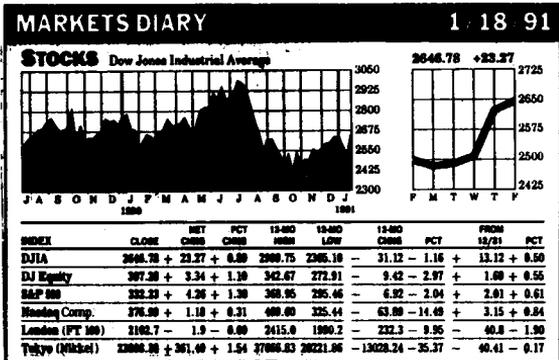
**January 18, 1991**

**Office of the Treasurer**



# The Ohio State University Endowment Fund

## Equity Market Information



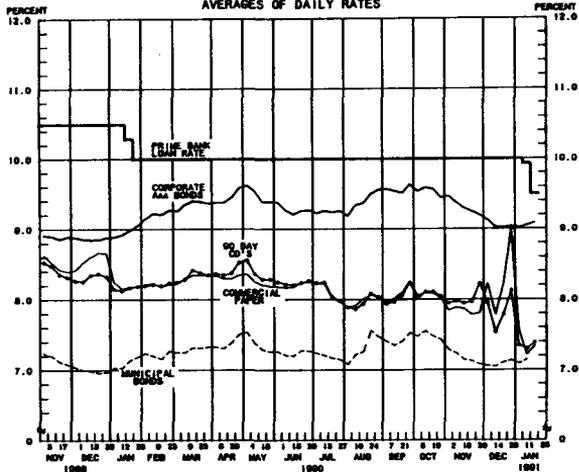
# The Ohio State University Endowment Fund

## Selected Yield and Interest Rates

908

### YIELDS ON SELECTED SECURITIES

AVERAGES OF DAILY RATES



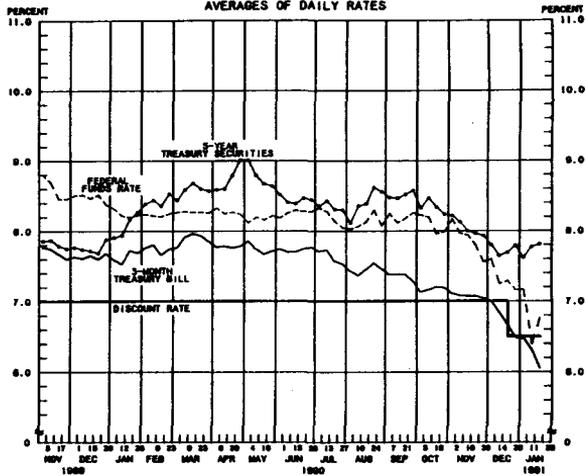
LATEST DATA PLOTTED ARE AVERAGES OF RATES AVAILABLE FOR THE WEEK ENDING, JANUARY 16, 1991.

1981	90 DAY CD'S	30-DAY COMMERCIAL PAPER	90-DAY T-BILL/ACCEPTANCES	CORPORATE AA BONDS	CORPORATE BA BONDS	MUNICIPAL BOND 30Y
NOV. 2	7.95	7.85	7.71	9.47	10.78	7.29
7	7.98	7.89	7.78	9.38	10.75	7.54
18	7.97	7.87	7.74	9.30	10.64	7.13
23	7.97	7.89	7.74	9.25	10.52	7.13
30	8.23	7.81	7.80	9.20	10.53	7.08
14	7.98	8.23	7.88	9.13	10.46	7.08
21	7.98	8.23	7.88	9.03	10.37	7.08
28	8.13	8.01	7.95	8.94	10.49	7.11
JAN. 4	7.35	7.27	7.08	8.02	10.38	7.08
11	7.30	7.22	7.05	8.02	10.51	7.15
18 II	7.30	7.24	7.23	9.08	10.34	N.A.
25						

NOTE: CURRENT DATA APPEAR IN THE BOARD OF GOVERNORS' H. 15 RELEASE.  
 \* AVERAGES OF RATES AVAILABLE.  
 \*\* BOND BUYER'S AVERAGE INDEX OF 20 MUNICIPAL BONDS, THURSDAY DATA  
 N.A. - NOT AVAILABLE

### SELECTED INTEREST RATES

AVERAGES OF DAILY RATES



LATEST DATA PLOTTED ARE AVERAGES OF RATES AVAILABLE FOR THE WEEK ENDING, JANUARY 16, 1991.

1981	FEDERAL FUNDS RR	3-MONTH TREASURY BILL	6-MONTH TREASURY BILL 90Y	1-YEAR TREASURY BILL	5-YEAR TREASURY SECURITIES	LONG-TERM TREASURY SECURITIES
NOV. 2	8.17	7.11	7.13	8.93	8.22	8.92
7	7.97	7.08	7.05	8.88	8.13	8.71
18	7.94	7.07	7.02	8.84	8.00	8.54
23	7.97	7.07	7.05	8.82	7.88	8.50
30	7.98	7.04	6.98	8.83	7.83	8.48
14	7.98	6.99	6.96	8.78	7.80	8.18
21	7.98	6.99	6.96	8.78	7.80	8.18
28	8.13	7.16	7.13	8.84	7.83	8.38
JAN. 4	7.17	6.88	6.77	8.85	7.79	8.28
11	6.95	6.48	6.48	8.51	7.79	8.21
18 II	6.77	6.31	6.21	8.50	7.77	8.41
25		6.05	6.21	8.20	7.81	8.44

NOTE: CURRENT DATA APPEAR IN THE BOARD OF GOVERNORS' H. 15 RELEASE EXCLUDING LONG-TERM TREASURY SECURITIES WHICH ARE COMPUTED BY THIS BANK. TREASURY BILL YIELDS ARE ON A DISCOUNT BASIS.  
 \* AVERAGES OF RATES AVAILABLE.  
 \*\* BOND BUYER'S AVERAGE INDEX OF 20 MUNICIPAL BONDS, THURSDAY DATA  
 \*\*\* ACTION AVERAGE (DISCOUNT)

**THE OHIO STATE UNIVERSITY**  
**Portfolio Summary**

	<u>1/18/91</u>	<u>11/16/90</u>	<u>6/30/90</u>
Unallocated Cash	\$8,240,102	\$8,516,412	\$26,394,640
<b>Equities:</b>			
Chicago	36,265,464	33,338,233	36,632,387
R. Moeder	10,341,978	9,821,764	13,001,471
Neuberger & Berman	13,169,755	12,413,284	14,170,710
Nicholas Applegate	18,776,965 [1]	17,863,992	15,494,958
Siebel	32,401,480	31,417,573	36,744,939
University Administered	30,057,856	25,283,211	33,379,715
University Students	5,298,208	4,901,753	5,622,361
Wells Fargo EAFE	7,951,871	7,977,683	9,088,214
Wells Fargo S&P 500	36,417,160 [2]	34,762,511	30,747,343
<b>Total Equities</b>	<u>190,680,737</u>	<u>177,780,004</u>	<u>196,882,118</u>
<b>Fixed Income:</b>			
Boatmen's Trust	29,511,088 [3]	28,486,484	23,329,632
Cambridge	0 [4]	0	921,596
Duff & Phelps	10,429,003	10,270,105	10,142,463
WR Lazard	15,172,892 [1]	14,979,818	9,888,684
STW Fixed Income	29,008,781 [3]	28,299,020	23,393,709
University GNMA	12,850,923 [5]	10,173,587	10,088,124
University Administered	182,780	185,113	289,044
<b>Total Fixed Income</b>	<u>97,155,467</u>	<u>92,394,127</u>	<u>76,053,252</u>
Real Estate	43,858,016	43,861,230	43,869,131
<b>TOTAL INVESTMENT POOL</b>	<u>\$339,934,322</u>	<u>\$322,551,773</u>	<u>\$345,199,141</u>
Less amounts invested for:			
University Foundation	(16,689,202)	(15,297,254)	(16,383,204)
Transportation Research Center	(3,999,501)	(3,823,606)	(6,935,639)
<b>TOTAL ENDOWMENT FUND</b>	<u>\$319,245,619</u>	<u>\$303,430,913</u>	<u>\$321,880,298</u>

Asset Allocation	% of		% of		% of	
	<u>1/18/91</u>	<u>Portfolio</u>	<u>11/16/90</u>	<u>Portfolio</u>	<u>6/30/90</u>	<u>Portfolio</u>
Equities	\$176,975,930	52.06	\$162,992,548	50.53	\$183,764,582	53.23
Fixed Income	96,255,203	28.32	86,147,478	26.71	77,004,000	22.31
Real Estate	43,858,016	12.90	43,861,230	13.60	43,869,131	12.71
Cash	22,945,173	6.72	29,550,517	9.16	40,561,428	11.75
<b>Total</b>	<u>\$339,934,322</u>	<u>100.00</u>	<u>\$322,551,773</u>	<u>100.00</u>	<u>\$345,199,141</u>	<u>100.00</u>

[1] Commitment increased \$5,000,000 on November 15, 1990.

[2] Commitment increased \$7,500,000 on November 15, 1990.

[3] Commitment increased \$5,000,000 on October 12, 1990.

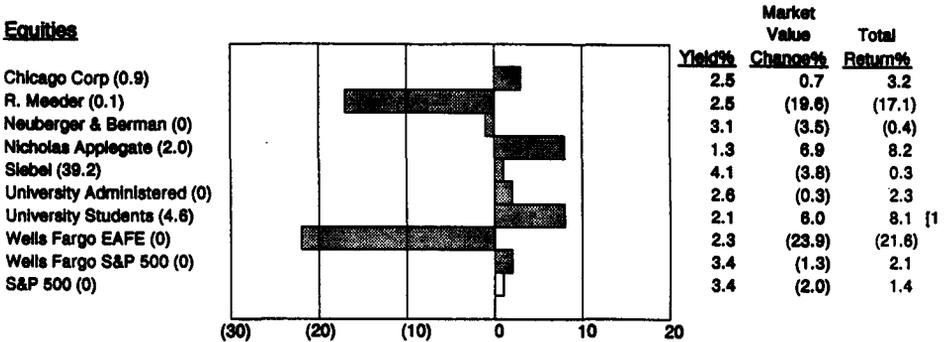
[4] Investment Advisory Agreement terminated on November 15, 1990.

[5] Commitment increased \$2,500,000 on December 13, 1990.

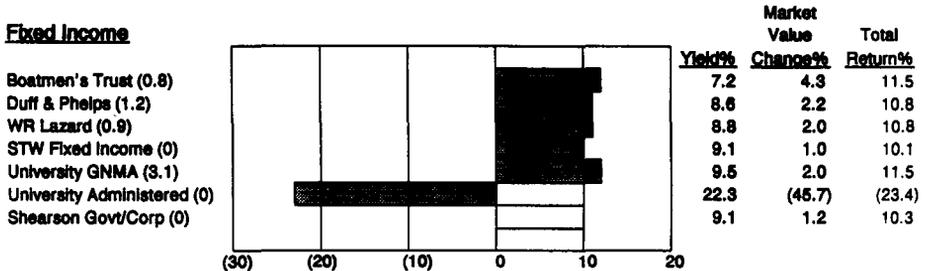
**THE OHIO STATE UNIVERSITY  
Endowment Performance Summary**

**Estimated 12 Month Total Return**

**Equities**



**Fixed Income**



( ) Percent Cash 1/18/91

[1] Reflects return from initial allocation February 20, 1990 only.

	Year to Date July 1, 1990 to January 18, 1991	Latest Two Months November 17, 1990 to January 18, 1991
<b>Change in Total Valuation</b>		
Beginning Market Value	\$321,880,298	\$303,430,913
Principal Additions	13,569,844	1,851,836
Principal Withdrawals	(108,477)	0
Income Reserve	(780,433)	0
Change in Market Value	(15,315,413)	13,962,870
Ending Market Value	<u>\$319,245,819</u>	<u>\$319,245,819</u>

NOTE: Endowment Income from July 1, 1990 through January 31, 1991 totaled approximately \$8,559,000.

**THE OHIO STATE UNIVERSITY**  
**Maturities and**  
**Real Estate Activity**

**MATURITIES THAT OCCURRED DURING PERIOD**

<u>Par Value</u>	<u>Issue, Coupon, Maturity</u>	<u>Advisor</u>
------------------	--------------------------------	----------------

No maturities during the period.

**REAL ESTATE**

**Acquisitions & Sales**

Description

Cost or  
Appraised Value

No activity during the period.

**THE OHIO STATE UNIVERSITY**  
**Equity Acquisitions**

Purchases and Gifts During Period

<u>Number of Shares</u>	<u>Company</u>	<u>Advisor</u>	<u>Price/Share</u>	<u>Investment</u>	<u>Annual Dividend</u>
900	ADC Telecommunications, Inc.	Chicago	21.6250	\$19,462.50	\$0.00
1,900	Crompton & Knowles Corp.	Chicago	17.0000	32,423.50	1,596.00
900	Deluxe Corp.	Chicago	34.3750	30,996.00	990.00
400	Dillard Department Stores, Inc.	Chicago	87.5000	35,026.00	80.00
1,500	Kentucky Utilities Co.	Chicago	21.3750	32,160.00	2,190.00
8,000	Merry-Go-Round Enterprises	Chicago	24.0440	144,654.00	420.00
700	Oklahoma Gas & Electric	Chicago	39.0000	27,345.50	1,736.00
600	Pacific Telecom, Inc.	Chicago	24.3750	14,625.00	660.00
1,400	Toys-R-Us, Inc.	Chicago	21.8750	30,716.00	0.00
1,000	Universal Foods, Inc.	Chicago	32.2500	32,315.00	680.00
8,100	Apple Computer, Inc.	Nicholas-Applegate	43.6444	353,563.25	3,564.00
7,000	Blockbuster Entertainment Corp.	Nicholas-Applegate	25.1250	176,295.00	0.00
1,200	General Motors Corp. Cl. E	Nicholas-Applegate	37.4827	45,051.20	672.00
13,000	McCormick & Co., Inc.	Nicholas-Applegate	25.8750	336,375.00	6,240.00
28,000	Perkin-Elmer Corp.	Nicholas-Applegate	24.8801	696,324.00	19,040.00
9,000	Price Co.	Nicholas-Applegate	39.9287	359,362.00	0.00
200	Huntington Bancshares*	University Administered	12.3750	2,475.00	160.00
491	Philip Morris Companies, Inc.*	University Administered	48.8125	23,966.94	844.52
3,000	Sanfill, Inc.*	University Administered	23.7500	71,250.00	0.00
100	Southern California Edison Co.*	University Administered	39.1875	3,918.75	0.00
9,000	Standard Products Co.*	University Administered	12.6806	114,125.00	8,280.00
235	Worthington Industries, Inc.*	University Administered	22.9375	5,390.31	141.00
				<u>\$2,589,819.95</u>	<u>\$47,293.52</u>

\*Gift

**THE OHIO STATE UNIVERSITY**  
**Equity Sales**

**Sales Made During Period**

<u>Number of Shares</u>	<u>Company</u>	<u>Advisor</u>	<u>Price/Share</u>	<u>Total Sale</u>	<u>Gain (Loss)</u>
11,600	Kentucky Utilities Co.	Chicago	20.6250	\$238,488.02	\$8,559.02
5,400	Luby's Cafeterias, Inc.	Chicago	18.0031	96,862.49	10,046.31
10,200	Coastal Corp.	Nicholas-Applegate	28.9142	294,303.36	(72,137.74)
5,200	Fluor Corp.	Nicholas-Applegate	34.0765	176,880.08	26,547.06
6,500	Genentech, Inc.	Nicholas-Applegate	21.6699	140,459.79	(25,536.45)
7,400	Humana, Inc.	Nicholas-Applegate	38.8451	287,000.37	(37,185.84)
1,500	Intel Corp.	Nicholas-Applegate	41.7136	62,570.40	14,661.83
7,000	Morton International, Inc.	Nicholas-Applegate	40.7239	284,637.08	(24,731.32)
15,400	Pittson Co.	Nicholas-Applegate	15.4642	237,216.45	(62,589.34)
7,700	U.S. Health Care, Inc.	Nicholas-Applegate	25.4630	196,065.40	73,192.06
100	Citizens Growth Properties*	University Administered	7.8813	788.10	(36.90)
45	Fifth Third Bancorp.*	University Administered	30.0000	1,350.00	(123.75)
50	General Electric Co.*	University Administered	57.6750	2,883.65	21.15
10	Procter & Gamble Co.*	University Administered	86.4254	864.22	53.59
35	Rohm & Haas Co.*	University Administered	35.6750	1,248.58	198.58
1,100	Standard Products Co.*	University Administered	12.6845	13,952.52	(209.98)
				<u>\$2,035,570.51</u>	<u>(\$89,271.72)</u>

\*Gift

**THE OHIO STATE UNIVERSITY**  
**Fixed Income Acquisitions**

Purchases and Gifts During Period

<u>Par Value</u>	<u>Issue, Coupon, Maturity</u>	<u>Advisor</u>	<u>Current Yield</u>	<u>Yield to Maturity</u>	<u>Price</u>	<u>Investment</u>
1,020,000	GNMA Pool #300591 10.000% 12-15-20	University GNMA	9.68%	9.66%	103.3437	\$1,054,106.20
						<u>\$1,054,106.20</u>

**THE OHIO STATE UNIVERSITY**  
**Fixed Income Sales**

Sales Made During Period

<u>Par Value</u>	<u>Issue, Coupon, Maturity</u>	<u>Advisor</u>	<u>Price</u>	<u>Total Sale</u>	<u>Gain (Loss)</u>
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No sales made during the period.

**THE OHIO STATE UNIVERSITY**  
**Real Estate Investments**

	<u>Yield</u>	<u>Year Acquired</u>	<u>Carrying Value</u>	<u>Appraised Value</u>	<u>Date Appraised</u>
Buach Boulevard Centre	7.71%	1990	\$4,275,000	\$4,275,000	10/89
46.984 acres of land in Delaware County	0.35%	1971	100,793	641,000	06/89
Hanger at Don Scott Field (Loan)	0.00%	1973	19,331 (1)	19,331	N/A
Hanger addition at Don Scott Field (Loan)	10.00%	1978	60,185 (1)	60,185	N/A
17.92 acres of land on Eiterman Road	0.00%	1978	25,152	725,000	05/88
51 acres of land, 2809 West Granville Road	0.00%	1982	160,265	2,896,000	06/89
48.62 acres of land, 3025 West Granville Road	0.00%	1972	544,398	4,367,000	06/89
76.143 acres of land, 3253 West Granville Road	0.00%	1968	310,538	6,853,000	06/89
30.539 acres of land, 3371 West Granville Road	0.00%	1971	265,079	2,749,000	06/89
32 acres of land, 3371 West Granville Road	0.13%	1986	2,078,666	2,880,000	06/89
12 acres of land, 3483 West Granville Road	0.00%	1965	24,000	1,080,000	06/89
8.557 acres of land, 3505 West Granville Road	0.00%	1968	17,114	770,000	06/89
Undivided one-half interest in building and .65 acres at 1375 South Hamilton Road	14.74%	1986	95,000	95,000	01/86
94.5 acres of land on Harrisburg Pike	0.00%	1986	190,000	283,000	06/89
Building and 2.633 acres at 1900 Kenny Road	10.25%	1962	659,930	1,250,000	06/89
Building and 6.41 acres at 1960 Kenny Road	14.30%	1971	1,320,693	2,500,000	06/89
Building and 6.328 acres at 1991 Kenny Road	3.11%	1968	170,000	696,000	06/89
Building and 3.295 acres at 930 Kinnear Road	5.96%	1961	435,204	1,550,000	06/89
Building and 5.56 acres at 1100 Kinnear Road	0.68%	1984	825,000	2,650,000	06/89
20.988 acres of land on Shier-Rings Road	0.00%	1978	241,848	1,155,000	08/89
Veterans Administration Clinic	2.15%	1979	3,767,261	6,963,500	06/90
			<u>\$16,585,457</u>	<u>\$43,858,016</u>	

(1) Amount represents balance on loan made to Department of Aviation

**APPENDIX XLVII**

**THE OHIO STATE UNIVERSITY ENDOWMENT  
FUND QUARTERLY REPORTS  
December 21, 1990**

**Presented to the Investments Committee and  
Adopted by the Board of Trustees, February 1, 1991  
(See page 732)**

**THE OHIO STATE UNIVERSITY**  
**ENDOWMENT FUND**

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**QUARTERLY REPORTS**

**Period Ended December 21, 1990**

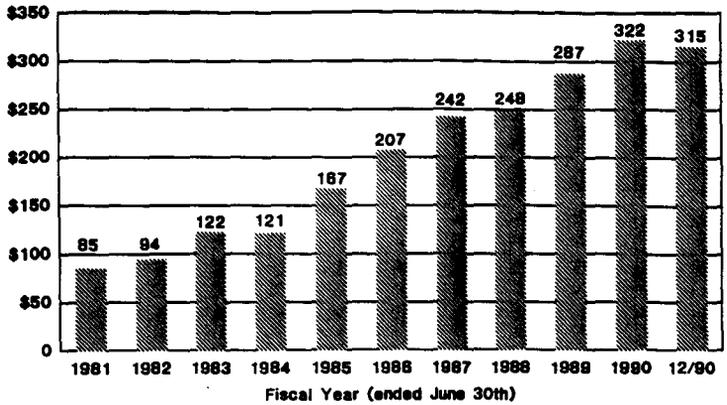
**Office of the Treasurer**



# THE OHIO STATE UNIVERSITY ENDOWMENT FUND

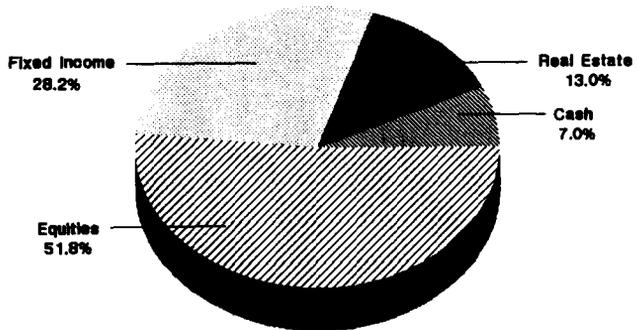
## Endowment Fund Market Value

(In millions of dollars)



## Endowment Fund Asset Allocation

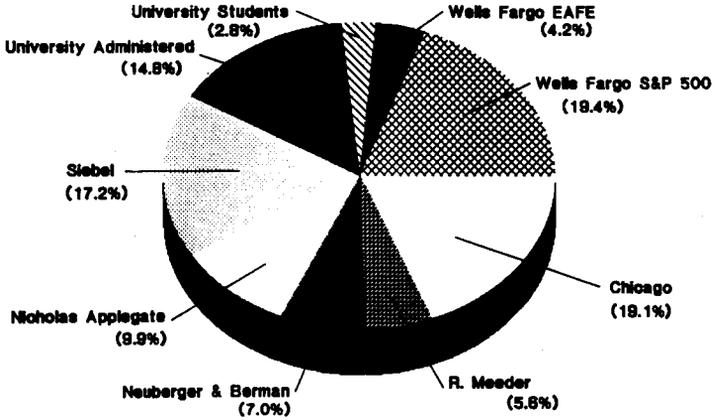
As of December 21, 1990



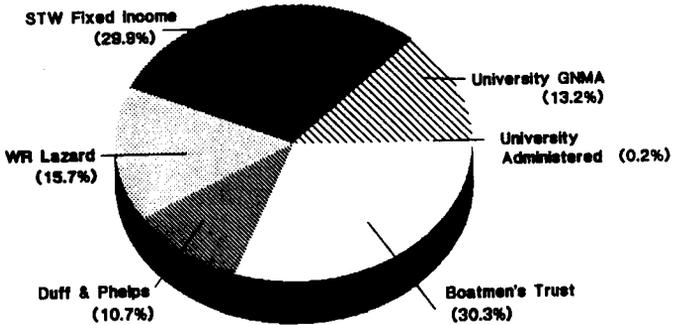
**THE OHIO STATE UNIVERSITY ENDOWMENT FUND**

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**Equity Composition**  
**As of December 21, 1990**  
**Total Equity: \$187,709,112**



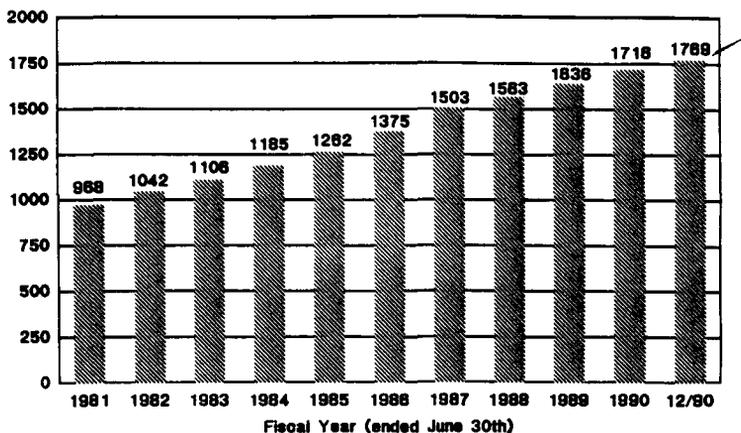
**Fixed Income Composition**  
**As of December 21, 1990**  
**Total Fixed Income: \$96,374,854**



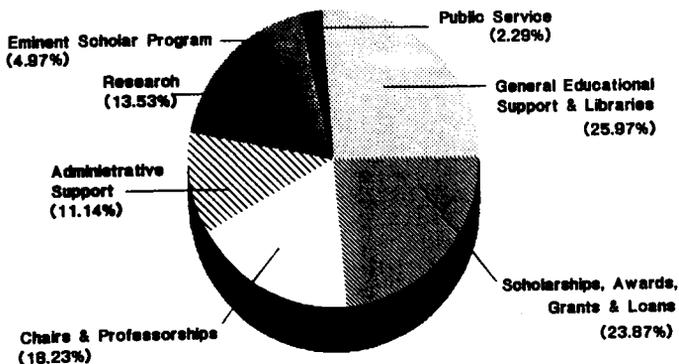
## THE OHIO STATE UNIVERSITY ENDOWMENT FUND

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### Total Named Funds



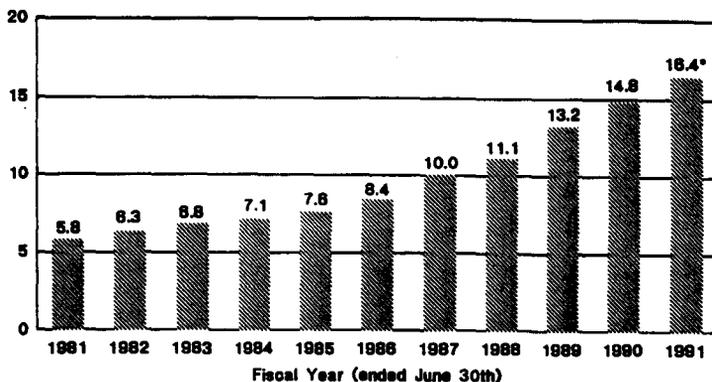
### Distributed Endowment Income By Use Fiscal Year Ended June 30, 1990



## THE OHIO STATE UNIVERSITY ENDOWMENT FUND

### Total Endowment Income Distribution

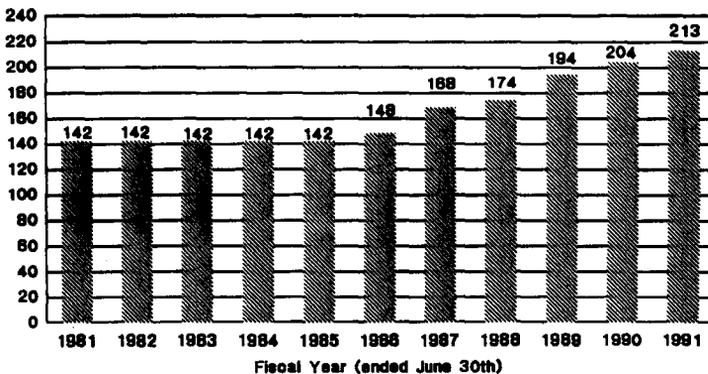
(millions of dollars)



\*Distribution for 1991 through December.

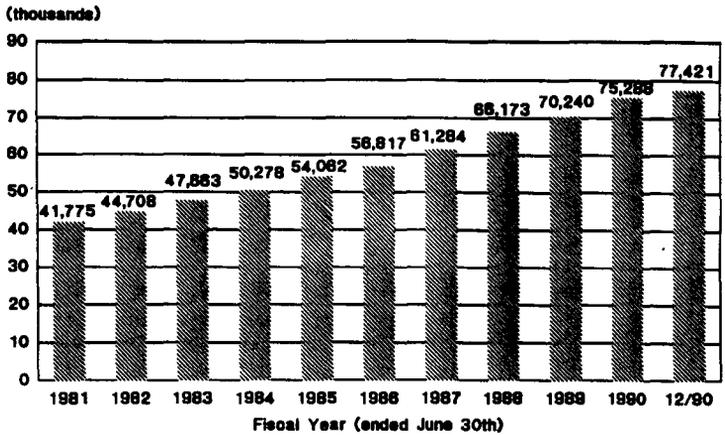
### Endowment Income Distribution

(by dollars per share)

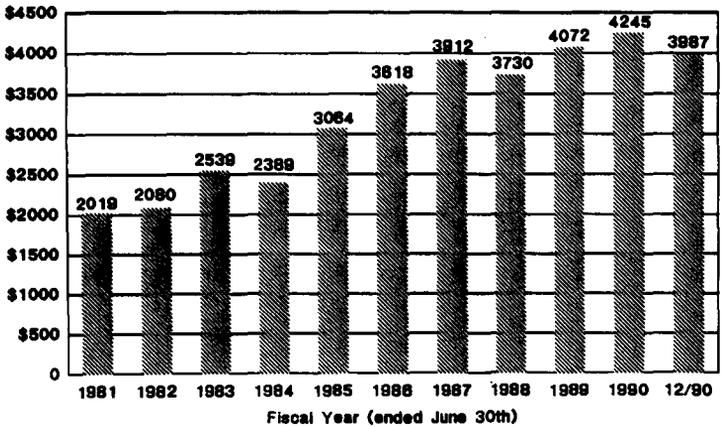


## THE OHIO STATE UNIVERSITY ENDOWMENT FUND

### Total Endowment Shares

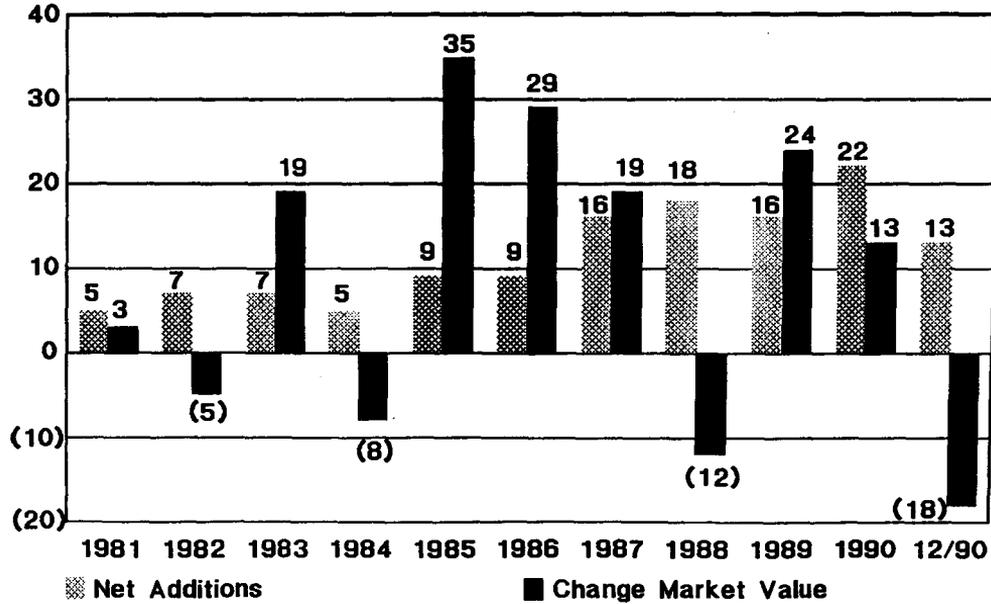


### Endowment Value Per Share



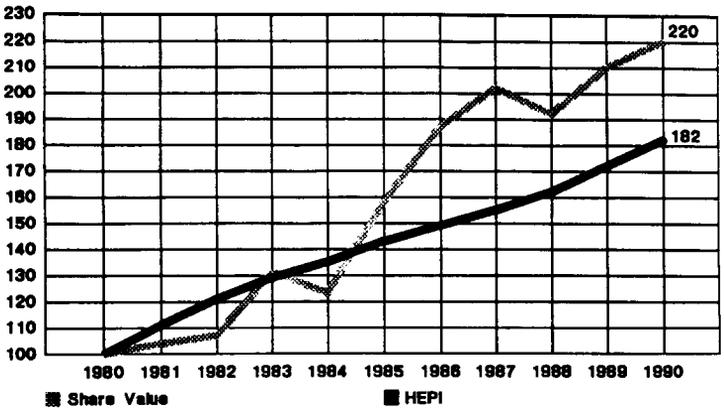
## Endowment Growth Breakdown

(millions of dollars)

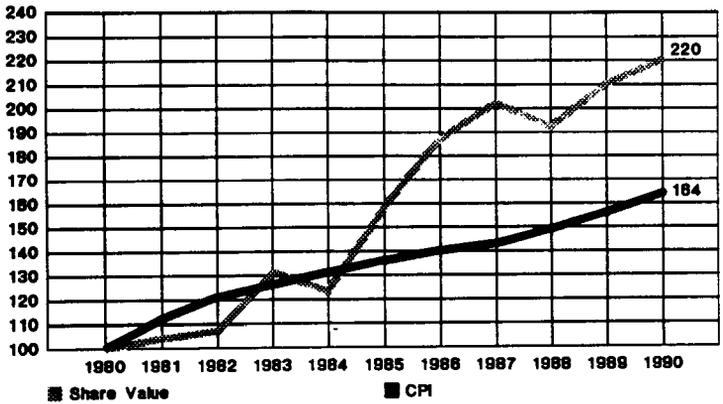


# THE OHIO STATE UNIVERSITY ENDOWMENT FUND

## Growth vs. Higher Education Inflation



## Growth vs. Consumer Inflation



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**APPENDIX XLVIII**

**THE OHIO STATE UNIVERSITY  
ENDOWMENT FUND PROPERTY  
December 31, 1990**

**Presented to the Investments Committee and  
Adopted by the Board of Trustees, February 1, 1991  
(See page 733)**

**THE OHIO STATE UNIVERSITY  
ENDOWMENT FUND PROPERTY  
DECEMBER 31, 1990**

<u>PROPERTY</u>	<u>YEAR ACQD.</u>	<u>TYPE OF PROPERTY</u>	<u>CARRYING VALUE</u>	<u>YEAR APPR.</u>	<u>APPRAISED VALUE</u>	<u>FISCAL 1991 YIELD</u>	<u>AVERAGE ANNUAL APPREC.</u>	<u>TOTAL RETURN</u>
BUSCH BOULEVARD CENTRE	1990	Shopping Center	\$4,275,000	1989	\$4,275,000	7.71%	0.00%	7.71%
DELAWARE COUNTY (WOSU)	1971	Transmitter Tower	100,793	1989	641,000	0.35%	10.23%	10.57%
EITERMAN ROAD	1978	18 Acres Bare Land	25,152	1988	725,000	0.00%	32.33%	32.33%
2809 W. GRANVILLE ROAD	1982	51 Acres Bare Land	160,265	1989	2,896,000	0.00%	10.89%	10.89%
3025 W. GRANVILLE ROAD	1972	49 Acres Bare Land	544,398	1989	4,367,000	0.00%	12.26%	12.26%
3253 W. GRANVILLE ROAD	1968	76 Acres and House	310,538	1989	6,853,000	0.00%	15.10%	15.10%
3371 W. GRANVILLE ROAD	1971	31 Acres Bare Land	265,079	1989	2,749,000	0.00%	13.10%	13.10%
3371 W. GRANVILLE ROAD	1986	32 Acres and House	2,078,666	1989	2,880,000	0.13%	8.49%	8.62%
3483 W. GRANVILLE ROAD	1965	12 Acres Bare Land	24,000	1989	1,080,000	0.00%	16.45%	16.45%
3505 W. GRANVILLE ROAD	1968	9 Acres Bare Land	17,114	1989	770,000	0.00%	18.89%	18.89%
1375 S. HAMILTON ROAD	1986	1/2 Int. in Office Bldg.	95,000	1986	95,000	14.74%	0.00%	14.74%
HARRISBURG PIKE	1986	95 Acres Bare Land	190,000	1989	283,000	0.00%	10.47%	10.47%
1900 KENNY ROAD	1962	Office Building	659,930	1989	1,250,000	10.25%	2.31%	12.56%
1960 KENNY ROAD	1971	Office Building	1,320,693	1989	2,500,000	14.30%	3.42%	17.72%
1991 KENNY ROAD	1968	Office Building	170,000	1989	696,000	3.11%	6.62%	9.73%
930 KINNEAR ROAD	1961	Office Building	435,204	1989	1,550,000	5.96%	4.48%	10.44%
1100 KINNEAR ROAD (1)	1984	Office Building	825,000	1989	2,650,000	3.74%	21.47%	25.20%
SHIER-RINGS ROAD	1978	21 Acres Bare Land	241,848	1989	1,155,000	0.00%	13.92%	13.92%
VETERANS ADMIN. CLINIC	1979	Medical Building	3,767,261	1990	6,363,500	2.15%	4.88%	7.03%
<b>TOTALS</b>			<u>\$15,505,941</u>		<u>\$43,778,500</u>	<u>2.71%</u>	<u>6.88%</u>	<u>9.59%</u>

NOTE: Fiscal 1991 yield is determined by dividing the annualized net yield by appraised value.

- (1) Endowment Fund bought the property for \$825,000 and receives \$99,000 per year from the General Fund. The General Fund paid for refurbishing the building.

**APPENDIX XLIX**

**1990-91 FUNDRAISING PERFORMANCE AND  
THE OHIO STATE UNIVERSITY FOUNDATION AND  
DEVELOPMENT FUND RECEIPTS**

**Presented to the Investments Committee and  
Adopted by the Board of Trustees, February 1, 1991  
(See page 733)**

Briefing Paper for Board of Trustees Investment Committee

1990-91 Fundraising Performance

February 1, 1991

Gift totals for the period July 1, 1990 to December 31, 1990, as compared to the same period last year, were up by 36 percent. Gift receipt dollars for the six-month period in 1990 were \$29.4 million, as compared with \$21.6 million in 1989. Donors increased by 16 percent (42,401 as compared to 36,545).

(A complete end-of-December summary is attached. The Trustee agenda packets also contain an "as of November 30" summary. We -- Development -- have just this week completed our counting.)

Other highlights:

- The gift receipt total during December, 1990, was \$10,203,239. This is the third best single month's gift production in the University's history, exceeded only by the \$15.2 million received in December, 1986, and the \$12.1 million received in December, 1988.
- The \$29,358,063 in gift receipts during July - December 1990 is the most ever received during any six-month period in the University's history.
- Only 26 percent of the gift receipts represent payment against pledges made during the recently completed Campaign. Therefore, 74 percent, or \$21,732,170, of the amount received during the first six months of 1990-91 is new gift money.
- Of the \$29.4 million raised (July to December), \$7.3 million is deferred gifts.
- There were 21,841 gifts received in December.

THE OHIO STATE UNIVERSITY  
 OFFICE OF UNIVERSITY DEVELOPMENT  
 OSU FOUNDATION & DEVELOPMENT FUND RECEIPTS

July-December  
 1989 compared to 1990

GIFT RECEIPTS BY DONOR TYPE

	Donors			Dollars		
	July 1989	July through 1990	December % Change	July 1989	July through 1990	December % Change
Alumni	23,220	27,553	19	\$5,746,901	\$10,385,734	81
Non-Alumni	10,996	12,407	13	4,656,602	6,730,748	45
Corporations	1,468	1,424	(3)	5,783,022	6,352,463	10
Corporate Foundations	204	199	(2)	1,119,506	1,715,936	53
Private Foundations	119	110	(8)	2,264,048	2,712,064	20
Other	<u>538</u>	<u>708</u>	32	<u>2,008,175</u>	<u>1,461,118</u>	(27)
TOTAL	36,545	42,401	16	\$21,578,254	\$29,358,063	36

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**APPENDIX L**

**CLEVELAND CLINIC FOUNDATION - THE OHIO STATE UNIVERSITY  
ACADEMIC PARTNERSHIP**

**Presented to the Academic Affairs Committee and  
Adopted by the Board of Trustees, February 1, 1991  
(See page 738)**

DRAFT

**CLEVELAND CLINIC FOUNDATION--THE OHIO STATE UNIVERSITY  
ACADEMIC PARTNERSHIP**

AGREEMENT made and dated as of this \_\_\_ day of \_\_\_\_\_, 199\_\_, by and between THE OHIO STATE UNIVERSITY (hereinafter referred to as "OSU"), a public institution of higher education created under the laws of the State of Ohio, having its principal offices in Columbus, Ohio, and THE CLEVELAND CLINIC FOUNDATION (hereinafter referred to as "CCF") a not-for-profit corporation chartered by the State of Ohio, having its principal offices in Cleveland, Ohio.

W I T N E S S E T H

WHEREAS, an affiliation between OSU and CCF would be a highly beneficial and logical extension of OSU's mission in teaching and research and in meeting the growing needs of the region, the State, and the nation in biology, bioengineering, biotechnology, the health care professions (including medicine, dentistry, nursing, optometry, pharmacy and the allied health professions) and would substantially strengthen existing OSU programs by providing additional space, personnel and facilities for OSU's Ph.D. research and graduate programs and educational offerings in the health care professions.

WHEREAS, an affiliation between the CCF and OSU would significantly enrich the existing programs of CCF in research and education and create a total biomedical and health sciences complex of the highest quality capable of dealing with all the needs for the training of scientists

and health care professionals required to meet the challenging health problems of the next decades, and to bring to medical training and research, extensive programs in the humanities, behavioral sciences, chemistry, physics, biomedical engineering, mathematics, biotechnology, economics, statistics, and health and science policy.

WHEREAS, the parties consider it in the public and community interest and to their mutual interest for each to enter with the other into an agreement of academic partnership.

AND WHEREAS, it is recognized that this initial agreement cannot be a definitive resolution of all of the details that must be worked out and implemented through the internal governance processes of both OSU and CCF, but that it is desirable at this time to agree upon and articulate the general principles that will instruct the resolution of those details.

NOW, THEREFORE, IN CONSIDERATION OF THE MUTUAL PROMISES HEREIN OUTLINED, the parties hereto agree as follows:

- 1) An academic partnership shall be established by CCF and OSU involving the biomedical sciences, medical bioengineering, biotechnology and the health care professions, and the allied health professions. The purposes of the partnership shall include development of programs in education and in research, and where appropriate, patient care, which will be of the highest quality and in compliance with all statutes and regulations

promulgated by The State of Ohio and the Ohio Board of Regents.

2) A Center, The Ohio State University-Cleveland Clinic Foundation Health Services Center (OSU-CCFHSC), composed of subunits that reside within appropriate colleges at OSU shall be established as a unit of OSU to carry out the purposes of this academic partnership. OSU-CCFHSC shall report directly to the Senior Vice President for Academic Affairs and Provost at OSU and the subunits shall report directly to the appropriate College Dean at OSU. Faculty appointments to OSU-CCFHSC shall be made by the relevant College at OSU. OSU-CCFHSC shall be located at CCF in Cleveland, Ohio. A general guiding principle of this partnership, subject to modification by future agreement, shall be that CCF shall be primarily responsible for the management of business and administrative aspects of the partnership and of OSU-CCFHSC and OSU shall be primarily responsible for academic aspects.

3) Auxiliary OSU faculty positions shall be created at OSU-CCFHSC pursuant to OSU Rules of the University Faculty, Section 3335-5-19(C). Members of the staff of CCF shall be eligible for nomination to these faculty positions on appointments at less than fifty (50) percent service. Such position shall reside in the appropriate colleges and schools at OSU, with duty assignment at OSU-CCFHSC. The faculty of OSU-CCFHSC will accept the responsibilities and obligations inherent in such appointments at OSU and agree

to abide by the academic codes of conduct, academic policies, research policies, and other relevant regulations established by OSU. Additionally, OSU-CCFHSC faculty shall be afforded all academic rights and privileges inherent in such appointments, including committee assignments appropriate to auxiliary faculty status.

4) Unless agreement between OSU and CCF is to the contrary is arrived at, all faculty assigned to OSU-CCFHSC shall be staff members at CCF. CCF will review proposals for appointment of faculty to OSU-CCFHSC under the guidelines existent at OSU. Approved nominations for appointment shall be forwarded to the Office of Academic Affairs at OSU. The Senior Vice President for Academic Affairs and Provost will review nominations and submit each to the appropriate college or school where it will be evaluated in accordance with established university policies and criteria for appointment. Once the appointment has been approved by OSU, OSU-CCFHSC will assign the faculty member to the appropriate division within OSU-CCFHSC (i.e., Anesthesiology, Biological Sciences, Laboratory Medicine, Medicine, Radiology, Surgery).

CCF will review proposals for promotion in auxiliary rank for OSU-CCFHSC faculty under the guidelines existent at OSU. Approved nominations for promotion will be submitted to the appropriate college where they will be evaluated in accordance with established University policies for promotions.

5) Except as provided otherwise in future agreements between CCF and OSU, the management of OSU-CCFHSC shall be the responsibility of CCF. No member of the staff of CCF or other employees of CCF, whether a member of the OSU-CCFHSC faculty and therefore having an auxiliary faculty appointment at OSU or not, and whether or not participating in educational or research programs pursuant to this agreement, shall be considered employees of OSU or of any of its constituent colleges for any purpose whatsoever, including but not limited to salary, tenure, practice plan participation, retirement or benefits. This does not preclude remuneration from OSU for specific academic activities or projects performed by OSU-CCFHSC faculty, where appropriate under separate agreements or special arrangements not involving an employment relationship.

Pursuant to these provisions it is agreed that OSU shall acquire no tenure obligations whatsoever.

6) OSU shall have the sole responsibility and authority to approve all course, curricula, and the academic appointment and promotion of faculty. Where appropriate, and consistent with their faculty status, members of OSU-CCFHSC faculty will be represented on relevant OSU committees.

7) CCF shall not be deemed to be part of OSU, or OSU a part of CCF; nor shall either entity, CCF or OSU, be under the control or supervision of the other's Board of Trustees. The Board of Trustees of CCF shall retain full

responsibility and authority for CCF operations, and the Board of Trustees of OSU shall retain full responsibility and authority for OSU's operations, except as otherwise provided for herein.

8) Neither OSU or its Board of Trustees shall have any responsibility or obligation, whether under this agreement or as a matter of law, for the operating or capital expenses and fiscal affairs of CCF. CCF shall be financially autonomous and shall have complete authority with respect to its funds, expenditures and financial operation, including among other matters:

a) The establishment of its own budget and its schedule of compensation and fringe benefits for its faculty and employees.

b) The application for and receipt of grants, both public and private, and the dealings in all respects directly with the agency or foundation making such grant.

Similarly neither CCF nor its Board of Trustees shall have any responsibility or obligations, whether under this agreement or as a matter of law, for the operating or capital expenses and fiscal affairs of OSU. OSU shall be financially autonomous and shall have complete authority with respect to its funds, expenditures and financial operations, including among other matters:

a) The establishment of its own budget and its schedule of compensation and fringe benefits for its faculty and employees.

b) The application for and receipt of grants, both public and private, and the dealings in all respects directly with the agency or foundation making such grant.

9) Notwithstanding the separate financial operations and responsibilities of OSU and CCF, it is the intent of both parties to work toward combining financial research performance reporting, particularly in national surveys such as those done for R&D obligations and expenditures by the National Science Foundation. Such reports will require joint approval of OSU and CCF before dissemination.

10) Both OSU and its Board of Trustees and CCF and its Board of Trustees will retain independent, full responsibility and authority for public policy and legal issues relating to directives from federal, state and local government entities.

11) Standards of selection and admission and the establishment of the number, qualifications and academic status of students to be trained at CCF shall be determined by OSU and shall be consistent with the admissions and evaluation policies of OSU.

CCF shall share in recruiting students who will be based at CCF. It is understood by both parties that the OSU-CCFHSC of OSU will have the opportunity to develop a designated body of predoctoral M.D. and Ph.D., and eventually nursing, pharmacy, and allied health, students to be based at the OSU-CCFHSC campus in Cleveland. These students will receive a substantial portion, as appropriate

to progress toward their degree, of their education and/or research experience at that site. OSU will have continuing oversight of these students and their educational programs. It is recognized that CCF will provide the necessary infrastructure to support the academic program.

12) The academic curricula carried out at CCF will be subject to the approval of appropriate OSU faculty committees. Faculty of OSU-CCFHSC shall have appropriate input into the deliberations and decisions of such committees.

13) This agreement is designed to concentrate on the development of an academic partnership of educational and research programs. The full range of governance issues defining the relationship of the OSU-CCFHSC to OSU's University Senate and other OSU governance organizations and the relationship of OSU to the CCF Board of Governors, will be addressed in detail at a later time. Exploration of these aspects of the relationship will continue, and will be reviewed annually. Five (5) years after the effective date of this agreement, these relational issues will be completely reviewed by both parties.

14) CCF and OSU recognize and warrant that nothing in the relationship between these institutions precludes relationships by either with any other hospital, university or agency, public or private. However, it is understood that for the purposes of these programs in research and education OSU will represent the primary academic

affiliation of CCF.

15) Each party shall be solely responsible for its own legal liability for any matters growing out of the partnership established by this agreement. Neither will sue the other for any damages for which it has been found liable by a court of law. OSu will assure CCF that all students enrolled shall be covered by malpractice insurance where appropriate. CCF shall assure OSU that all staff members appointed to OSU-CCFHSC shall be covered by malpractice insurance where appropriate.

16) It is the full intention of both parties to make this affiliation a permanent one. However, if in the opinion of either party it becomes essential for the proper advancement and development of its institutional mission to terminate this affiliation, then the following procedure shall be followed:

a) Written notice of intent to terminate shall be filed by the chief executive officer and Chairman of the Board of Trustees of one party with the corresponding officials of the other.

b) Representatives of both Boards shall convene within sixty (60) days of the receipt of this written notice to discuss the proposed termination in full detail.

c) A period of not less than two (2) years shall elapse from the date of receipt of this written notice before termination can become effective. In no case shall termination occur until the end of the academic year, and

reasonable provision must be made for all students fully enrolled to complete their designated period of training. Moreover, programs in existence when such notice of termination is given, under which students of either institution must take courses of instruction at the other institution, shall remain in effect until all students who are enrolled therein on the date of such notice, and who maintain continuous enrollment in the program, have completed or otherwise discontinued their participation in the program, and all financial arrangements and joint participation and control of such programs shall remain in effect.

d) Upon any such termination, the parties shall make within sixty (60) days such payments as are due to each other, and all equipment, appurtenances and personalty shall be turned over to the institution which purchased the same.

17) Differences or questions arising out of the affiliation shall be presented by the President of OSU or the Chief Executive Officer of CCF, or their désignees, to an OSU-CCF Liaison Committee. The Liaison Committee shall be composed of ten (10) members, five (5) to be appointed by the Chief Executive Officer of CCF and five (5) to be appointed by the President of OSU. The appointees may include the Chief Executive Officer or President himself/herself. Each appointee shall serve at the pleasure of the appointing authority. The position of Chairperson of the Committee will alternate between the two institutions

and shall be designated each January 1 by the Chief Executive Officer of CFF or the President of OSU, as appropriate. The appropriate institution to designate the first Chairperson shall be OSU. If that first chairperson is designated during the course of a year, that Chairperson shall serve for that partial year and then the President of OSU may either renew the term of that chairperson for the next full year or designate a different chairperson to serve for the next full year.

Matters which cannot be resolved by this committee shall be referred to each Board for action as it deems desirable, consistent with the provisions of this agreement.

IN WITNESS WHEREOF, the parties hereto have executed this agreement in duplicate on the day and year first above written.

A T T E S T

THE CLEVELAND CLINIC FOUNDATION

THE OHIO STATE UNIVERSITY

by \_\_\_\_\_  
Executive Vice President  
and Chairman of the Board  
of Governors

by \_\_\_\_\_  
President

by \_\_\_\_\_  
Chairman, Board of Trustees

by \_\_\_\_\_  
Chairperson, Board  
of Trustees

by \_\_\_\_\_  
Chairman, Research Institute

by \_\_\_\_\_  
Vice President for  
Business and  
Administration

by \_\_\_\_\_  
Chairman, Education Foundation

by \_\_\_\_\_  
Vice President for  
Academic Affairs and  
Provost

**APPENDIX LI**

**THE OHIO STATE UNIVERSITY  
1990-91 CURRENT FUNDS BUDGET - 2ND QUARTER REPORT**

**Presented to the Fiscal Affairs Committee and  
Adopted by the Board of Trustees, February 1, 1991  
(See page 760)**

THE OHIO STATE UNIVERSITY  
 1990-91 CURRENT FUNDS BUDGET  
 2ND QUARTER REPORT

Summary of Proposed Resources  
 (In Millions of Dollars)

	Budgeted 1990-91	Estimated 1990-91	\$ Change	% Change
<b>Central Campus</b>				
Unrestricted General Funds	\$482.31	\$490.78	\$8.47	1.8%
Earnings Operations	386.79	386.51	-.28	-.1%
Restricted Funds	231.83	231.83	.00	.0%
<b>Total Central Campus</b>	<b>\$1,100.93</b>	<b>\$1,109.12</b>	<b>\$8.19</b>	<b>.7%</b>
<b>Regional Campuses</b>	<b>31.59</b>	<b>30.37</b>	<b>-1.22</b>	<b>-3.9%</b>
<b>OARDC</b>	<b>35.11</b>	<b>35.11</b>	<b>.00</b>	<b>.0%</b>
<b>Grand Totals</b>	<b>\$1,167.63</b>	<b>\$1,174.60</b>	<b>\$6.97</b>	<b>.6%</b>

THE OHIO STATE UNIVERSITY  
 1990-91 CURRENT FUNDS BUDGET  
 2ND QUARTER REPORT

Summary of Proposed Uses  
 (In Millions of Dollars)

	Budgeted 1990-91	Estimated 1990-91	\$ Change	% Change
Central Campus				
Unrestricted General Funds	\$482.31	\$490.78	\$8.47	1.8%
Earnings Operations	385.04	384.55	-.49	-.1%
Restricted Funds	231.83	231.83	.00	.0%
Total Central Campus	\$1,099.18	\$1,107.16	\$7.98	.7%
Regional Campuses	31.47	30.26	-1.21	-3.8%
OARDC	35.11	35.11	.00	.0%
Grand Totals	\$1,165.76	\$1,172.53	\$6.77	.6%

THE OHIO STATE UNIVERSITY  
1990-91 CURRENT FUNDS BUDGET  
2ND QUARTER REPORT

All Funds Resources Summary  
(In Millions of Dollars)

	General Funds	Earnings Operations	Restricted Funds	Estimated 1990-91	Budgeted 1990-91
<b>Central Campus</b>					
State Appropriations	\$281.04	\$ .00	\$42.43	\$323.47	\$320.15
Student Fees	175.46	5.00	.00	180.46	175.31
Other Resources					
Federal Grants and Contracts	17.84	.00	90.00	107.84	107.84
Ohio Grants and Contracts	.46	.00	13.70	14.16	14.16
Local Grants and Contracts	.78	.00	13.50	14.28	14.28
Private Gifts and Grants	4.25	.00	62.70	66.95	66.95
Endowment Income	1.55	.00	9.50	11.05	11.05
Department and University Services	.38	32.00	.00	32.38	32.38
Auxiliary Sales & Charges	.02	87.68	.00	87.70	87.44
Hospitals & CHRI Services	.00	255.09	.00	255.09	255.09
Other Sources	9.00	6.74	.00	15.74	16.28
<b>Total Other Resources</b>	<b>\$34.28</b>	<b>\$381.51</b>	<b>\$189.40</b>	<b>\$605.19</b>	<b>\$605.47</b>
<b>Total Central Campus</b>	<b>\$490.78</b>	<b>\$386.51</b>	<b>\$231.83</b>	<b>\$1,109.12</b>	<b>\$1,100.93</b>
<b>Regional Campuses</b>					
State Appropriations	13.77	.00	.03	13.80	14.19
Student Fees	11.67	.11	.00	11.78	12.23
Other Resources	.83	1.56	2.40	4.79	5.17
<b>Total Regional Campuses</b>	<b>\$26.27</b>	<b>\$1.67</b>	<b>\$2.43</b>	<b>\$30.37</b>	<b>\$31.59</b>
<b>QARDC</b>					
State Appropriations	.00	.00	23.06	23.06	23.06
Federal	.00	.00	7.75	7.75	7.75
All Other	.00	1.61	2.69	4.30	4.30
<b>Total QARDC</b>	<b>\$ .00</b>	<b>\$1.61</b>	<b>\$33.50</b>	<b>\$35.11</b>	<b>\$35.11</b>
<b>Total University</b>					
State Appropriations	294.81	.00	65.52	360.33	357.40
Student Fees	187.13	5.11	.00	192.24	187.54
Other Resources	35.11	384.68	202.24	622.03	622.69
<b>Total University</b>	<b>\$517.05</b>	<b>\$389.79</b>	<b>\$267.76</b>	<b>\$1,174.60</b>	<b>\$1,167.63</b>

THE OHIO STATE UNIVERSITY  
 1990-91 CURRENT FUNDS BUDGET  
 2ND QUARTER REPORT

All Funds Uses Summary  
 (In Millions of Dollars)

	General Funds	Earnings Operations	Restricted Funds	Estimated 1990-91	Budgeted 1990-91
<b>Central Campus</b>					
Educational & General	\$489.42	\$37.00	\$215.03	\$741.45	\$732.98
Auxiliary Enterprises					
Residence & Dining Halls	.00	37.67	.00	37.67	38.48
Intercollegiate Athletics	.00	18.87	4.25	23.12	23.12
Other Auxiliaries	1.36	31.76	.00	33.12	32.80
Total Auxiliaries	\$1.36	\$88.30	\$4.25	\$93.91	\$94.40
University Hospitals & CHR1	.00	259.25	12.55	271.80	271.80
Total Central Campus	\$490.78	\$384.55	\$231.83	\$1,107.16	\$1,099.18
<b>Regional Campuses</b>					
Agricultural Technical Institute	5.54	.91	.55	7.00	7.59
Lima Campus	5.64	.08	.48	6.20	6.36
Manefield Campus	5.06	.09	.55	5.70	5.72
Marion Campus	4.31	.02	.55	4.88	5.15
Newark Campus	5.67	.51	.30	6.48	6.65
Total Regional Campuses	\$26.22	\$1.61	\$2.43	\$30.26	\$31.47
OARDC	.00	1.61	33.50	35.11	35.11
<b>Total Uses</b>	\$517.00	\$387.77	\$267.76	\$1,172.53	\$1,165.76

THE OHIO STATE UNIVERSITY  
 1990-91 CURRENT FUNDS BUDGET  
 2ND QUARTER REPORT

Distribution of 1990-91 Resources  
 Central Campus, Regional Campuses & OARDC  
 (In Millions of Dollars)

	All Funds	Percent of Total	Unrestr. General(4)	Percent of Total
State Appropriations	\$360.33	30.7%	\$294.81	57.0%
Federal Grants & Contracts	115.59	9.8%	17.84	3.5%
Other Government Sources	28.44	2.4%	1.24	.2%
Student Fees				
Instructional (1)	187.13	15.9%	187.13	36.2%
Non-Credit Instruction	5.11	.4%	.00	.0%
Hospitals & CHRI Services	255.09	21.7%	.00	.0%
Other Sales / Services (2)	120.08	10.2%	.40	.1%
Private Gifts & Grants	66.95	5.7%	4.25	.8%
Endowment	11.05	.9%	1.55	.3%
Other Sources (3)	24.83	2.1%	9.83	1.9%
<b>Total</b>	<b>\$1,174.60</b>	<b>100.0%</b>	<b>\$517.05</b>	<b>100.0%</b>

- (1) Includes instructional, general, non-resident, and misc. other fees.  
 (2) Includes departmental sales and services and auxiliary income such as residence and dining hall fees and parking fees.  
 (3) Includes temporary investments, prior years' earnings, rental income, etc.  
 (4) Excludes all earnings and restricted funds.

**APPENDIX LII**

**WAIVERS OF COMPETITIVE BIDDING REQUIREMENTS  
OCTOBER - DECEMBER 1990**

**Presented to the Fiscal Affairs Committee and  
Adopted by the Board of Trustees, February 1, 1991  
(See page 764)**

**Waivers of Competitive Bidding Requirements**

**October-December, 1990**

850

<u>Category</u>	<u>Total</u>	<u>Sole Source</u>	<u>Emergency</u>	<u>Sufficient Economic Reason</u>
Medical Helicopter Services - Sky Med	\$ 1,030,000 (2)	\$ 1,030,000 (2)	-----	-----
Hospitals - Equipment & Services	280,083 (8)	33,523 (4)	16,625 (1)	229,935 (3)
Administrative Support Equipment & Services	574,060 (10)	265,025 (4)	14,725 (2)	294,310 (4)
Instructional & Research Equipment & Services	198,878 (9)	198,878 (9)	-----	-----
Artists & Exhibitions	114,275 (5)	114,275 (5)	-----	-----
Conference Facilities	51,789 (4)	38,454 (3)	-----	13,335 (1)
	-----	-----	-----	-----
<b>TOTAL</b>	<b>\$ 2,249,085 (38)</b>	<b>\$ 1,680,155 (27)</b>	<b>\$ 31,350 (3)</b>	<b>\$ 537,580 (8)</b>

**APPENDIX LIII**

**MCCAMPBELL HALL-NEW DIABETES AND ATHEROSCLEROSIS  
OUTPATIENT CLINIC**

**Adopted by the Board of Trustees, February 1, 1991  
(See page 794)**

## **Request for Construction Bids**

### **Background**

#### **McC Campbell Hall-New Diabetes and Atherosclerosis Outpatient Clinic**

This project will convert approximately 5,300 square feet of space in rooms 433, 489, 491, 492 and 495 in McC Campbell Hall to house eleven clinical exam rooms, a reception area, nurses' station and janitor's closet. Included in the project are new carpeting, folding partitions, ceiling replacement and finishes, wall finishes, and floor finishes.

**APPENDIX LIV**

**WEST CAMPUS REMODELING;  
UNIVERSITY AIRPORT RENOVATION - 1990;  
MCPHERSON LABORATORY ROOF REPLACEMENT;  
UNIVERSITY AIRPORT RENOVATION - 1989;  
OARDC - NEW AGRONOMY FARM, PHASE IV; AND  
REFUSE FACILITY UPGRADING**

**Adopted by the Board of Trustees, February 1, 1991  
(See page 794)**

**Report of Award of Contracts and  
Establishment of Contingency Funds**

Background

(\* Recommended alternates included in these figures.)

West Campus Remodeling

This project will renovate the space at 1315 Kinnear Road to provide administrative space, laboratory facilities and archives to accommodate the University's extensive collections of biological specimens. The total project cost is \$4,709,300.00; funding is provided from Senate Bill 336 (\$4,700,000.00) and University funds (\$9,300.00). The estimated completion date is January 1992. The contracts awarded are as follows:

General Contract:	Functional Development, Columbus, Ohio
Amount:	\$1,602,000.00 *
Estimate:	\$1,781,160.00 *
Plumbing Contract:	Jaric, Inc., Columbus, Ohio
Amount:	\$409,600.00
Estimate:	\$490,993.00
HVAC Contract:	Sauer Mechanical, Columbus, Ohio
Amount:	\$1,150,300.00
Estimate:	\$1,296,350.00
Electric Contract:	Buckeye Electric, Dayton, Ohio
Amount:	\$567,000.00
Estimate:	\$599,729.00
Total All Contracts:	\$3,728,900.00 *
Contingency Allowance:	\$ 298,346.19 (8% of construction cost)
Total Project Cost:	\$4,709,300.00

February 1, 1991

REPORT OF AWARD OF CONTRACTS AND ESTABLISHMENT OF CONTINGENCY FUNDS

BIOLOGICAL SCIENCES COLLECTIONS

Tabulation of Bids

Bids received by the Division of Public Works on August 30, 1990. Bids opened by Geri Hendrickson and tabulated by Yvonne Tabor. Awards indicated with an "\*".

<u>General Contract</u>	<u>Estimate</u>	<u>Functional *</u>	<u>Peterson</u>	<u>Turner</u>
Base Bid	\$1,729,760.00	\$1,582,500.00	\$1,653,700.00	\$1,675,000.00
Alt. G-1 (Point/Paint)	15,000.00	12,000.00	11,200.00	7,770.00
Alt. G-3 (Flooring)	36,400.00	7,500.00	7,000.00	7,000.00
Total General Contract	\$1,781,160.00	\$1,602,000.00	\$1,671,900.00	\$1,689,770.00

Alternates not taken:

Alt. G-2 (Floor-1120)	\$18,000.00	\$28,000.00	\$17,000.00	\$20,675.00
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General Contract - cont.

	<u>Altman</u>	<u>Smoot</u>	<u>Gutknecht</u>	<u>Danis</u>
Base Bid	\$1,668,668.00	\$1,691,000.00	\$1,717,512.00	\$1,728,700.00
Alt. G-1 (Point/Paint)	7,029.00	14,000.00	10,600.00	11,000.00
Alt. G-3 (Flooring)	18,630.00	6,500.00	6,700.00	7,000.00
Total General Contract	\$1,694,327.00	\$1,711,500.00	\$1,734,812.00	\$1,746,700.00

Alternates not taken:

Alt. G-2 (Floor-1120)	\$20,675.00	\$22,000.00	\$29,300.00	\$20,700.00
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General Contract - cont.

	<u>Martin</u>	<u>Messer</u>
Base Bid	\$1,754,000.00	\$1,794,000.00
Alt. G-1 (Point/Paint)	11,600.00	.00
Alt. G-3 (Flooring)	7,500.00	7,000.00
Total General Contract	\$1,773,100.00	\$1,801,000.00

Alternates not taken:

Alt. G-2 (Floor-1120)	\$25,500.00	\$18,500.00
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Plumbing Contract

	<u>Estimate</u>	<u>Jaric *</u>	<u>Sauer</u>	<u>Meutzel</u>
Base Bid	\$490,993.00	\$409,600.00	\$476,600.00	\$489,827.00
Total Plumbing Contract	\$490,993.00	\$409,600.00	\$476,600.00	\$489,827.00

Plumbing Contract - cont.

	<u>Teepe</u>	<u>Croson</u>	<u>Holdridge</u>	<u>Farber</u>
Base Bid	\$538,900.00	\$570,889.00	\$572,400.00	\$577,000.00
Total Plumbing Contract	\$538,900.00	\$570,889.00	\$572,400.00	\$577,000.00

<u>HVAC Contract</u>	<u>Estimate</u>	<u>Sauer *</u>	<u>Crosen</u>	<u>Guy</u>
Base Bid	\$1,296,350.00	\$1,150,300.00	\$1,165,500.00	\$1,172,000.00
Total HVAC Contract	\$1,296,350.00	\$1,150,300.00	\$1,165,500.00	\$1,172,000.00
Alternates not taken:				
Alt. H-4 (DDC)	\$6,000.00	\$40,000.00	\$40,000.00	\$44,000.00
<u>HVAC Contract - cont.</u>	<u>Williams</u>	<u>Farber</u>	<u>Speer</u>	
Base Bid	\$1,179,000.00	\$1,197,300.00	\$1,200,700.00	
Total HVAC Contract	\$1,179,000.00	\$1,197,300.00	\$1,200,700.00	
Alternates not taken:				
Alt. H-4 (DDC)	\$41,000.00	\$37,200.00	\$43,000.00	
<u>Electric Contract</u>	<u>Estimate</u>	<u>Buckeye *</u>	<u>Eastmoor</u>	<u>Penn</u>
Base Bid	\$599,729.00	\$567,000.00	\$581,000.00	\$787,942.00
Total Electric Contract	\$599,729.00	\$567,000.00	\$581,000.00	\$787,942.00
Alternates not taken:				
Alt. E-2 (Floor-1120)	\$1,000.00	\$680.00	\$1,060.00	\$698.00
<u>Electric Contract - cont.</u>	<u>Electric Power</u>	<u>Walla-Carroll</u>		
Base Bid	\$826,300.00	\$868,000.00		
Total Electric Contract	\$826,300.00	\$868,000.00		
Alternates not taken:				
Alt. E-2 (Floor-1120)	\$1,580.00	\$633.00		

**Report of Award of Contracts and  
Establishment of Contingency Funds**

Background (contd)

University Airport Renovation - 1990

This project will construct a snow removal equipment and maintenance building, a taxiway "G" extension to runway 96 with hold apron for taxiway "C" at runway 23. The total project cost is \$1,584,536.00; funding is provided from a Federal Aviation Administration Grant (\$1,426,082.00) and University funds (\$158,454.00). The estimated completion date is June 1991. The contracts awarded are as follows:

General Contract:	Dublin Building Systems, Dublin, Ohio
Amount:	\$ 697,592.00 *
Estimate:	\$ 845,000.00 *
General Paving Contract:	Miller Paving, Hilliard, Ohio
Amount:	\$ 242,722.35 *
Estimate:	\$ 325,000.00 *
Plumbing Contract:	Muetzel Plumbing, Columbus, Ohio
Amount:	\$ 121,527.00 * +
Estimate:	\$ 66,800.00 *
HVAC Contract:	HVAC, Inc., Dover, Ohio
Amount:	\$ 88,879.00 *
Estimate:	\$ 94,300.00 *
Electric Contract:	Jess Howard Electric, Blacklick, Ohio
Amount:	\$ 216,514.00 *
Estimate:	\$ 256,300.00 *
Total All Contracts:	\$1,367,234.35
Contingency Allowance:	\$ 68,361.84 (5% of construction cost)
Total Project Cost:	\$1,584,536.00

+ The Plumbing Contract is in excess of filed estimate of cost; however the total price of all contracts is within 10% of the total estimate of cost and is being recommended for award as provided by Section 153.12 of the Revised Code.

February 1, 1991

REPORT OF AWARD OF CONTRACTS AND ESTABLISHMENT OF CONTINGENCY FUNDS

UNIVERSITY AIRPORT RENOVATION - 1990

Tabulation of Bids

Bids received by The Ohio State University on September 12, 1990. Bids opened by Tamara Bell and tabulated by Ray Yancsik. Awards indicated with an \*.

<u>General Contract</u>	<u>Estimate</u>	<u>Dublin *</u>	<u>Nadalin</u>	<u>Lehman</u>
Base Bid	\$825,000.00	\$677,984.00	\$679,660.00	\$712,145.00
Alt. G-1 (Work Room)	20,000.00	19,808.00	21,880.00	24,998.00
Total General Contract	\$845,000.00	\$697,592.00	\$701,540.00	\$737,143.00
General Contract - cont.	<u>Martin</u>	<u>Central Oh</u>	<u>Zelgler</u>	<u>M &amp; P</u>
Base Bid	\$729,900.00	\$743,250.00	\$747,000.00	\$749,700.00
Alt. G-1 (Work Room)	23,900.00	20,650.00	21,000.00	30,900.00
Total General Contract	\$753,800.00	\$763,900.00	\$768,000.00	\$780,600.00
General Contract - cont.	<u>Decker</u>	<u>Hill</u>	<u>Weithman</u>	<u>Messer</u>
Base Bid	\$765,000.09	\$795,440.00	\$797,887.00	\$795,000.00
Alt. G-1 (Work Room)	29,715.00	21,900.00	24,908.00	30,000.00
Total General Contract	\$794,715.00	\$817,340.00	\$822,795.00	\$825,000.00
<u>Paving Contract</u>	<u>Estimate</u>	<u>Miller *</u>	<u>Decker</u>	<u>Columbus Asphalt</u>
Base Bid	\$275,000.00	\$187,348.15	\$193,792.53	\$203,767.46
Alt. GP-1(Taxiway C)	25,000.00	27,897.20	27,632.90	29,875.70
Alt. GP-2(Taxiway G)	25,000.00	27,477.00	27,758.90	27,747.50
Total Paving Contract	\$325,000.00	\$242,722.35	\$249,184.33	\$261,390.66
Paving Contract - cont.	<u>Strawser</u>			
Base Bid	\$209,388.50			
Alt. GP-1(Taxiway C)	34,652.00			
Alt. GP-2(Taxiway G)	32,412.50			
Total Paving Contract	\$276,453.00			
<u>Plumbing Contract</u>	<u>Estimate</u>	<u>Muetzel *</u>	<u>Pedico</u>	<u>Holdridge</u>
Base Bid	\$85,800.00	\$138,527.00	\$152,100.00	\$152,008.00
Alt. P-2 (Limited Fire)	(19,000.00)	(17,000.00)	(19,394.00)	(19,200.00)
Total Plumbing Contract	\$66,800.00	\$121,527.00	\$132,706.00	\$132,806.00
Alternates not taken:				
Alt. P-1 (Foam/Water Fire)	\$	\$32,000.00	\$31,964.00	\$31,875.00
Alt. P-3 (Fire Connection)		7,000.00	6,547.00	2,466.00

Plumbing Contract - cont.	<u>Farber</u>	<u>Croson</u>	<u>Jarle</u>	
Base Bid	\$170,000.00	\$172,300.00	\$159,919.00	
Alt. P-2 (Limited Fire)	(19,000.00)	(14,000.00)	19,394.00	
<b>Total Plumbing Contract</b>	<b>\$151,000.00</b>	<b>\$158,300.00</b>	<b>\$179,313.00</b>	
Alternates not taken:				
Alt. P-1 (Foam/Water Fire)	\$31,000.00	\$23,161.00	\$31,500.00	
Alt. P-3 (Fire Connection)	16,600.00	2,800.00	6,453.00	
 <u>HVAC Contract</u>	 <u>Estimate</u>	 <u>HVAC *</u>	 <u>Farber</u>	 <u>Swain</u>
Base Bid	\$81,300.00	\$79,150.00	\$89,000.00	\$95,660.00
Alt. H-1 (Air Cond.)	8,000.00	5,328.00	10,000.00	7,600.00
Alt. H-2 (Co-Pa-Vac)	5,000.00	4,401.00	5,500.00	6,000.00
<b>Total HVAC Contract</b>	<b>\$94,300.00</b>	<b>\$88,879.00</b>	<b>\$104,500.00</b>	<b>\$109,260.00</b>
 <u>Electric Contract</u>	 <u>Estimate</u>	 <u>Howard *</u>	 <u>States</u>	 <u>Electric Power</u>
Base Bid	\$158,000.00	\$114,865.00	\$122,900.00	\$180,750.00
Alt. E-1 (Work Room)	3,000.00	3,970.00	2,000.00	2,730.00
Alt. E-2 (Future Service)	2,500.00	2,125.00	10,350.00	2,230.00
Alt. E-3 (Taxiway G)	35,000.00	33,106.00	34,000.00	44,300.00
Alt. E-4 (Taxiway C Pad)	8,000.00	8,982.00	7,200.00	8,780.00
Alt. E-5 (Taxiway G Pad)	8,300.00	8,299.00	36,600.00	45,910.00
Alt. E-6 (Air Cond.)	1,500.00	2,500.00	790.00	1,040.00
Alt. E-7 (AWOS)	40,000.00	42,657.00	36,000.00	38,350.00
<b>Total Electric Contract</b>	<b>\$256,300.00</b>	<b>\$216,514.00</b>	<b>\$249,740.00</b>	<b>\$324,090.00</b>

**Report of Award of Contracts and  
Establishment of Contingency Funds**

Background (contd)

McPherson Laboratory Roof Replacement

This project will replace roofing, metal flashing, and down spouting on McPherson Laboratory. The total project cost is \$300,947.00; funding is provided from Senate Bill 336. The estimated completion date is September 1991. The contracts awarded are as follows:

General Contract:	Fred Christen & Sons, Toledo, Ohio
Amount:	\$288,595.00 *
Estimate:	\$330,623.00 *
Total All Contracts:	\$288,595.00 *
Contingency Allowance:	\$ 4,095.06, (1.4% of construction cost)
Total Project Cost:	\$300,947.00

February 1, 1991

REPORT OF AWARD OF CONTRACTS AND ESTABLISHMENT OF CONTINGENCY FUNDS

MCPHERSON LABORATORY ROOF REPLACEMENTS

Tabulation of Bids

Bids received by the Division of Public Works on July 17, 1990 and September 18, 1990. Bids opened by Geri Hendrickson and tabulated by Elizabeth Foster. Awards indicated with an "\*".

<u>General Contract - McPherson</u>	<u>Estimate</u>	<u>Christen *</u>	<u>Olentangy Restoration</u>	<u>United</u>
Base Bid	\$288,608.00	\$247,288.00	\$267,600.00	\$297,000.00
Alt. G-1 (Flat-Seam Roof)	32,515.00	28,307.00	26,000.00	19,000.00
Alt. G-2 (Copper Cresting)	9,500.00	13,000.00	9,000.00	7,000.00
<b>Total General Contract (McPherson)</b>	<b>\$330,623.00</b>	<b>\$288,595.00</b>	<b>\$302,600.00</b>	<b>\$323,000.00</b>
<u>General Contract - cont.</u>	<u>General Preservation</u>	<u>Becker</u>	<u>Ind First</u>	
Base Bid	\$262,278.00	\$314,830.00	\$299,800.00	
Alt. G-1 (Flat-Seam Roof)	52,100.00	38,405.00	31,500.00	
Alt. G-2 (Copper Cresting)	18,100.00	16,595.00	45,900.00	
<b>Total General Contract (McPherson)</b>	<b>\$332,478.00</b>	<b>\$369,830.00</b>	<b>\$377,200.00</b>	

**Report of Award of Contracts and  
Establishment of Contingency Funds**

Background (contd)

University Airport Renovation - 1989

This project will relocate fencing that has become an obstruction in runway clear zones and will replace sections of the old farm fence with new six-foot chain-link fencing. The total project cost is \$130,410.00; funding is provided from a Federal Aviation Administration Grant (\$117,369.00) and University funds (\$13,041.00). The estimated completion date is April 1991. The contract awarded is as follows:

General Contract:	Discount Fence, Columbus, Ohio
Amount:	\$109,669.01 *
Estimate:	\$187,800.00 *
Total All Contracts:	\$109,669.01 *
Contingency Allowance:	\$ 8,773.95 (8% of construction cost)
Total Project Cost:	\$130,410.00

February 1, 1991

REPORT OF AWARD OF CONTRACTS AND ESTABLISHMENT OF CONTINGENCY FUNDS

UNIVERSITY AIRPORT RENOVATION - 1989

Tabulation of Bids

Bids received by The Ohio State University on November 7, 1990. Bids opened by Tamara Bell and tabulated by Ray Yanscik. Awards indicated with an "\*".

<u>General Contract</u>	<u>Estimate</u>	<u>Discount *</u>	<u>Peterson</u>	<u>Able</u>
Base Bid	\$144,500.00	\$89,848.00	\$90,900.00	\$94,694.50
Alt. G-1 (Runway 27L)	13,300.00	5,016.00	6,050.00	4,370.00
Alt. G-2 (Runway 9R)	14,000.00	5,280.00	7,000.00	4,600.00
Alt. G-3 (Kays Ave.)	12,000.00	6,152.41	6,272.80	6,422.50
Alt. G-5 (Sawmill Road)	4,000.00	3,372.60	2,409.00	2,737.50
Total General Contract	\$187,800.00	\$109,669.01	\$112,631.80	\$112,824.50
<u>General Contract - cont.</u>	<u>Bvers</u>	<u>Cyclone</u>		
Base Bid	\$108,102.00	\$120,371.30		
Alt. G-1 (Runway 27L)	9,256.00	11,096.00		
Alt. G-2 (Runway 9R)	9,743.00	11,690.00		
Alt. G-3 (Kays Ave.)	6,543.00	8,665.25		
Alt. G-5 (Sawmill Road)	4,446.00	4,599.00		
Total General Contract	\$138,090.00	\$156,411.55		

**Report of Award of Contracts and  
Establishment of Contingency Funds**

Background (contd)

OARDC - New Agronomy Farm, Phase IV

This project will construct a 1,700 square foot addition to an existing equipment storage building, extend a 6" water main and the construction of two grain dryer units. The total project cost is \$75,113.63. Funding is provided by Senate Bill 336. The estimated completion date is June 1991. The contracts awarded are as follows:

General Contract:	Kelco Builders, Crestline, Ohio
Amount:	\$34,549.00
Estimate:	\$43,350.00
Plumbing/Heating Contract:	Farner Brothers, West Salem, Ohio
Amount:	\$19,000.00 +
Estimate:	\$16,070.00 +
Electric Contract:	Farner Brothers, West Salem, Ohio
Amount:	\$ 3,800.00
Estimate:	\$ 3,940.00
Total All Contracts:	\$57,349.00
Contingency Allowance:	\$ 8,209.80 (14% of construction cost)
Total Project Cost:	\$75,113.63

+ The Plumbing/Heating Contract is in excess of filed estimate of cost; however the total price of all contracts is within 10% of the total estimate of cost and is being recommended for award as provided by Section 153.12 of the Revised Code.

February 1, 1991

REPORT OF AWARD OF CONTRACTS AND ESTABLISHMENT OF CONTINGENCY FUNDS

OARDC - NEW AGRONOMY FARM, PHASE IV

Tabulation of Bids

Bids received by The Ohio State University on November 14, 1990. Bids opened by Tamara Bell and tabulated by Ray Yanscik. Awards indicated with an \*\*.

<u>General Contract</u>	<u>Estimate</u>	<u>Kelco *</u>	<u>Finnegan</u>	<u>Miller</u>
Base Bid	\$43,350.00	\$34,549.00	\$37,600.00	\$44,548.00
Total General Contract	\$43,350.00	\$34,549.00	\$37,600.00	\$44,548.00

Alternates not taken:

Alt. G-1 (Drier #3)	\$5,500.00	\$3,696.00	\$4,000.00	\$5,482.00
Alt. G-2 (Water Main)	5,000.00	11,666.00	17,000.00	14,288.00
Alt. G-3 (Driveway Culverts)	800.00	1,580.00	1,400.00	1,411.00
Alt. G-4 (Aggregate Parking)	1,200.00	1,793.00	2,100.00	1,388.00

<u>Plumbing/Heating Contract</u>	<u>Estimate</u>	<u>Farmer *</u>	<u>Burkhar</u>
Base Bid	\$16,070.00	\$19,000.00	\$20,627.00
Total Plumbing/Heating Contract	\$16,070.00	\$19,000.00	\$20,627.00

Alternates not taken:

Alt. P-1 (Drier #3)	\$2,000.00	\$4,200.00	\$3,534.00
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<u>Electric Contract</u>	<u>Estimate</u>	<u>Farmer *</u>	<u>Abbott</u>	<u>Kahl</u>
Base Bid	\$3,940.00	\$3,800.00	\$3,980.00	\$4,138.00
Total Electric Contract	\$3,940.00	\$3,800.00	\$3,980.00	\$4,138.00

Alternates not taken:

Alt. E-1 (Drier #3)	\$500.00	\$700.00	\$523.00	\$902.00
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Electric Contract - cont. Buchman

Base Bid	\$5,400.00
Total Electric Contract	\$5,400.00

Alternates not taken:

Alt. E-1 (Drier #3)	\$815.00
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**Report of Award of Contracts and  
Establishment of Contingency Funds**

Background (contd)

Refuse Facility Upgrading

This project will improve the University's ability to handle and compact trash at a central location on campus to help control disposal costs through a more efficient operation. The total project cost is \$150,000.00; funding is provided by Senate Bill 336. The estimated completion date is June 1991. The contract awarded is as follows:

General Contract	Functional Development, Dublin, Ohio
Amount:	\$ 68,495.00
Estimate:	\$ 80,000.00
Total All Contracts:	\$ 68,495.00
Contingency Allowance:	\$ 5,479.60 (8% of construction costs)
Equipment Costs:	\$ 59,268.00
Total Project Cost:	\$150,000.00

February 1, 1991

REPORT OF AWARD OF CONTRACTS AND ESTABLISHMENT OF CONTINGENCY FUNDS  
REFUSE FACILITY UPGRADING

Tabulation of Bids

Bids received by The Ohio State University on October 30, 1990. Bids opened by Tamara Bell and tabulated by Ray Yanscik. Awards Indicated with an "\*".

<u>General Contract</u>	<u>Estimate</u>	<u>Functional *</u>	<u>Gutknecht</u>	<u>Richter</u>
Base Bid	\$80,000.00	\$68,495.00	\$70,696.00	\$71,777.00
Total General Contract	\$80,000.00	\$68,459.00	\$70,696.00	\$71,777.00
General Contract - Cont.		<u>Miller</u>		
Base Bid	\$72,200.00			
Total General Contract	\$72,200.00			

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**APPENDIX LV**

**1,102 ACRES IN MADISON COUNTY, OHIO**

**Adopted by the Board of Trustees, February 1, 1991  
(See page 797)**

## **Purchase of Real Property**

### Background

1,102 Acres in Madison County, Ohio

### Location and Description

The property is an approximately 1,102-acre farm located on both sides of State Route 38 in Deer Creek Township of Madison County, Ohio. The farm, known as the Yoder Farm, is approximately 15 miles west of the Columbus metropolitan area and three miles north of London. Adjacent to the farm to the south is The Ohio State University's Molly Caren Agricultural Center, site of the Farm Science Review. Buildings on the farm include a one and a half story frame residence (approximately 1,300 net square feet) and metal garage, both in fair condition, and several barns, silos, grain bins, and sheds. The farm contains about 951 tillable acres. Not included within the 1,102 acres is a 20-acre homesite in roughly the middle of the property, accessed from State Route 38, that is owned by Mr. Joseph Yoder.

### Appraised Value and Purchase Price

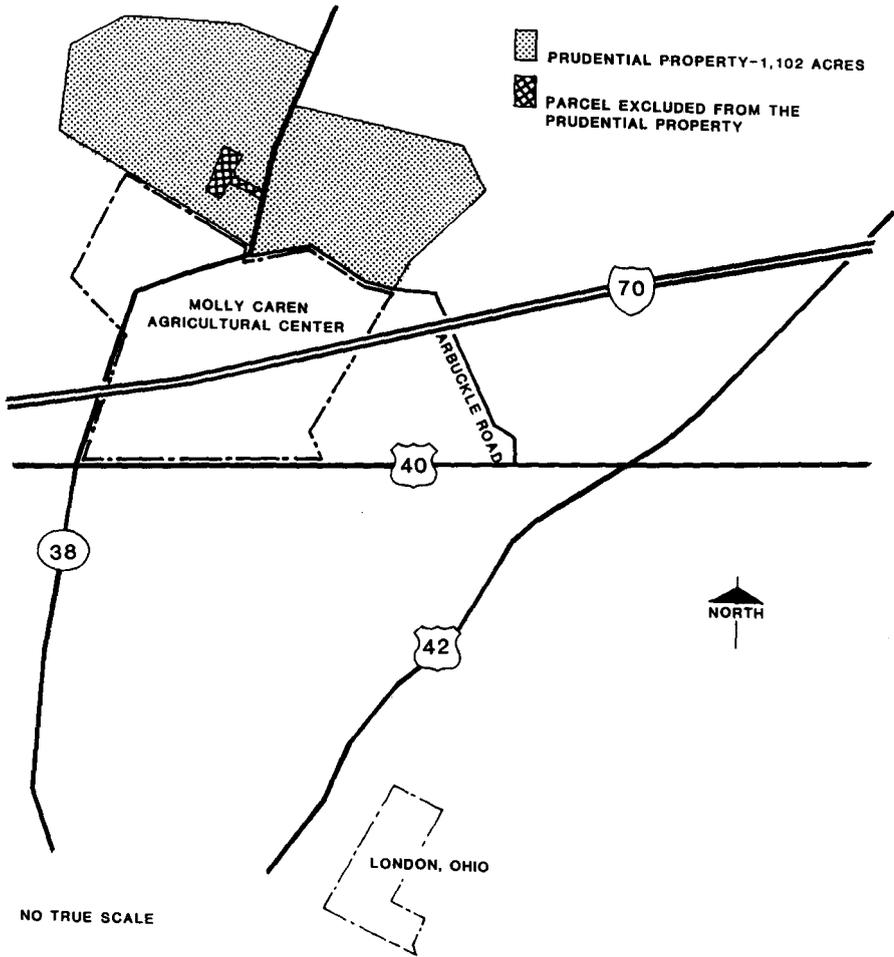
An appraisal by Earl Liff & Associates in July 1990, valued the property at \$1,314.00 to \$1,466.00 per acre, or total value about \$1,448,000.00 to \$1,615,500.00. The owner of the property, the Prudential Insurance Company of America, has offered to sell the property to the University for \$1,600,000.00. Funds to purchase the property will come from the farm's earnings, with the farm being considered an auxiliary operation of the College of Agriculture, and from College fundraising.

### Use of the Property

The College of Agriculture's Columbus area livestock facilities, located at Don Scott Field and Waterman Farm, are 20 years old and no longer adequate for modern agricultural teaching and research. There is a pressing need to replace these obsolete facilities. In addition, the present locations do not provide sufficient land for proper maintenance and replacement to improve the College's livestock programs, and at Don Scott Field, Airport operations and FAA regulations have reduced the amount of land available for agricultural use.

Acquisition of the Yoder Farm will provide the land necessary to replace the current inadequate facilities. Because the farm is adjacent to the Molly Caren Agricultural Center, the operation of the farm can be tied in with that of the Farm Science Review to better benefit each. Staff from the Review can be used to support the operation of the farm, and the farm will greatly enhance the Review's capabilities to demonstrate a greater variety of production practices.

# Purchase of Real Property 1,102 Acres in Madison County, Ohio



Office of Business and Administration  
February 1, 1991

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**APPENDIX LVI**

**CITY OF COLUMBUS  
HARRISBURG PIKE, COLUMBUS, OHIO**

**Adopted by the Board of Trustees, February 1, 1991  
(See page 798)**

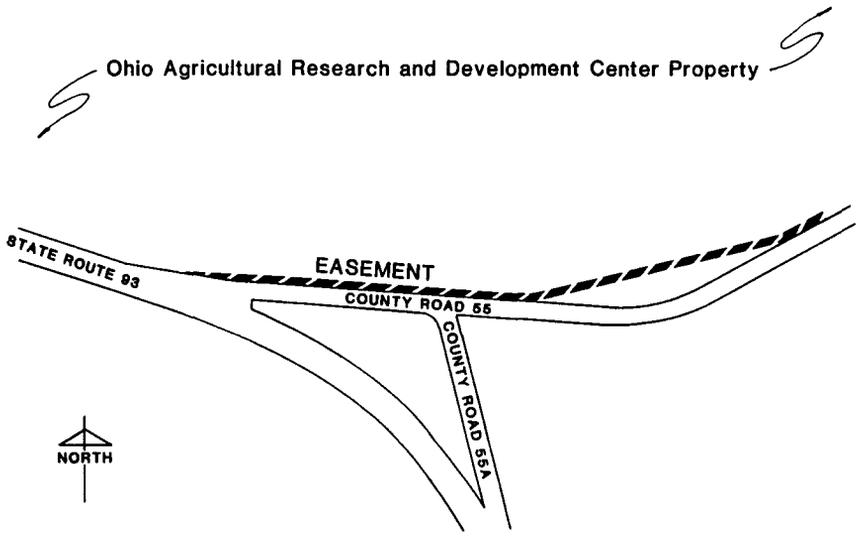


**APPENDIX LVII**

**G.T.E. NORTH, INC.  
OARDC-JACKSON BRANCH**

**Adopted by the Board of Trustees, February 1, 1991  
(See page 799)**

Easement for Telephone Service to G.T.E. North Incorporated  
at The Ohio Agricultural Research and Development Center  
in Jackson Ohio



NO TRUE SCALE

Office of Business and Administration

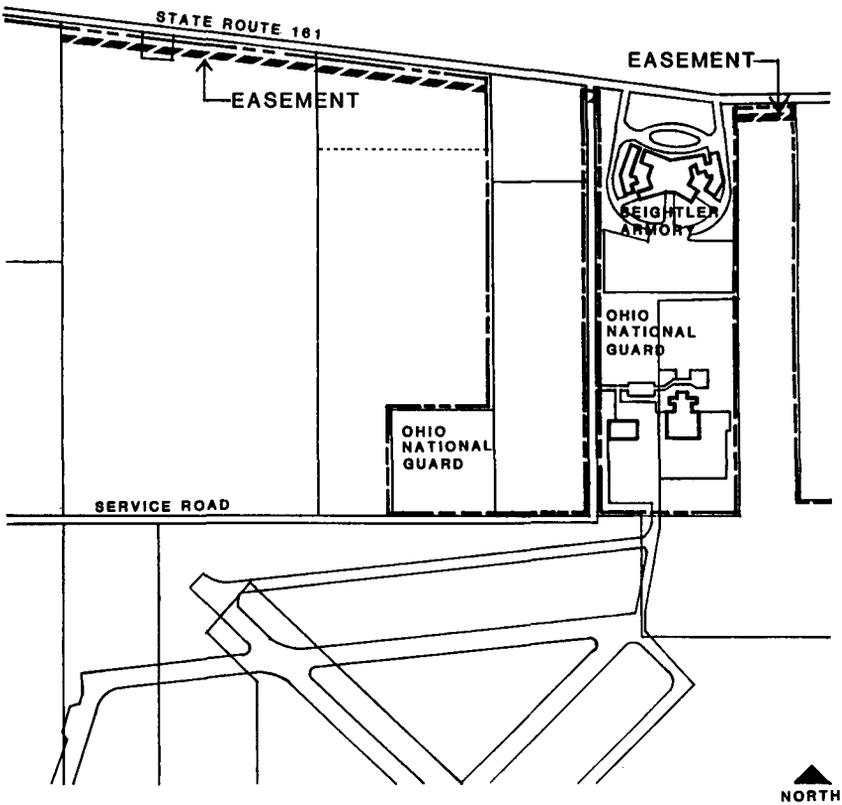
February 1, 1991

**APPENDIX LVIII**

**THE OHIO BELL TELEPHONE COMPANY  
DUBLIN-GRANVILLE ROAD, COLUMBUS, OHIO**

**Adopted by the Board of Trustees, February 1, 1991  
(See page 799)**

Ohio Bell Telephone Company Easement  
at Don Scott Field



OFFICE OF BUSINESS AND ADMINISTRATION

FEBRUARY 1, 1991

**APPENDIX LIX**

**OHIO POWER COMPANY  
NEWARK CAMPUS**

**Adopted by the Board of Trustees, February 1, 1991  
(See page 800)**



APPENDIX LX  
Degrees Conferred at  
THE OHIO STATE UNIVERSITY  
COMMENCEMENT CONVOCATION  
March 22, 1991

## Commencement Speaker

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### **D. Allan Bromley** **Doctor of Science**

As a researcher, scholar, and public servant, D. Allan Bromley brought science and technology to a new level of coherence and visibility in the national consciousness.

A member of the Yale University faculty for 31 years, Bromley was named assistant to the president for science and technology, director of the White House Office of Science and Technology Policy, and chair of the President's Council of Science and Technology in 1989. As the President's chief science adviser, Bromley is in the position to influence the course of basic and applied research, as well as the development of the strong technological base that the United States must have to compete globally.

Bromley is one of the world's leading nuclear physicists and is considered the father of modern heavy ion science. With his students and collaborators, he has carried out pioneering studies on both the structure and dynamics of nuclei. The Nuclear Structure Laboratory he established at Yale is one of the world's leading laboratories in this field and has graduated more Ph.D.s in experimental nuclear physics than any other institution in the world. He has published more than 450 papers and edited 18 books, including the three-volume *Physics in Perspective*, a survey of physics undertaken by the National Research Council.

A native of Ontario, Canada, Bromley received his doctorate in physics from the University of Rochester in New York and spent two years on that university's physics faculty. After five years as a research officer with Atomic Energy of Canada Ltd., he joined the Yale University faculty, serving as chair from 1970-77. He is currently the Henry Ford II Professor of Physics at Yale, on leave from his presidential appointment.

In addition to his teaching and research, Bromley has played an active role in both national and international scientific affairs. He was president of the American Association for the Advancement of Science and has served on numerous committees of the National Research Council, the National Science Foundation, and the National Academy of Science. His many honors include the 1988 National Medal of Science.

Because of his commitment to the advancement of science in service to humanity, Bromley is respected throughout the world's scientific communities. Ohio State is proud to recognize his distinguished achievements.

## Recipients of Honors

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### **Nyle C. Brady** **Doctor of Humane Letters**

One of the most respected and acclaimed agricultural scientists in the world today, Nyle C. Brady has made major contributions to both global and domestic agricultural communities.

Now senior consultant to the United Nations Development Program, Brady continues his lifetime work of applying science and technology to solving the problems of world famine and hunger.

A native of Colorado, Brady received his bachelor of science degree from Brigham Young University in 1941 and his doctorate in soil science from North Carolina State University in 1947. He has enjoyed a distinguished teaching career first at North Carolina State University and then at Cornell University, where he served as professor of soil science, head of the Department of Agronomy, director of the Cornell University Agricultural Experiment Station, and associate dean of the New York State College of Agriculture and Life Sciences.

During his tenure at Cornell, Brady was tapped in 1963 by then Secretary of Agriculture Orville Freeman for a two-year stint as director of science and education for the U.S. Department of Agriculture, where he worked closely with the nation's land-grant colleges and universities.

From 1973 to 1981, Brady served as director general of the prestigious International Rice Research Institute in Los Banos, Philippines, where he had a major role in sustaining the "Green Revolution" in Asia through enhanced rice production. He was also instrumental in creating the International Board for Soil Resources and Management, now located in Thailand.

Brady served from 1981-89 as senior assistant administrator for science and technology at the United States Agency for International Development, where he influenced both the global importance of soil science and agronomy.

A prolific writer and researcher, Brady authored *The Nature and Properties of Soil*, one of the most widely used soil science textbooks in the world for the past 35 years. Since 1967 he has been the editor-in-chief of the respected scientific journal, *Advances in Agronomy*, a book-length monograph that is avidly sought by agronomists internationally as a current reference.

Because of his distinguished contributions as educator, agricultural administrator, soil scientist, and humanist, Ohio State is proud to honor this eminent individual.

### **Robert L. Metcalf** **Doctor of Science**

In research, teaching, and science, Robert L. Metcalf has few equals. His contributions in the fields of entomology and environmental toxicology have had enormous impact on both science and society.

Renowned for his research efforts on pesticides, model ecosystems for monitoring environmental hazards, and plant-insect interactions, Metcalf has made a lasting contribution to a safer planet. Long before concern for the environment became mainstream, he worked tirelessly to design and promote environmental compatibility as an essential property of pesticides.

A native of Columbus, Ohio, Metcalf received his bachelor's and master's degrees from the University of Illinois in 1939 and 1940 and his doctorate in entomology from Cornell University in 1943. After a brief stint with the Tennessee Valley Authority, he served on the faculty of the University of California at Riverside for 22 years. He has been a member of the University of Illinois faculty since 1968, holding appointments in entomology, biology, and veterinary pharmacology. Since 1981 he has been a professor at the University of Illinois' Center for Advanced Study.

In his 44 years in academia, Metcalf has been primary adviser to more than 70 graduate students who now hold positions throughout the world. He is the author of more than 400 scientific articles and has written or edited a number of books.

He has won major awards in several fields, including the International Award for Pesticide Chemistry from the American Chemical Society (1972), the Memorial Lecture Award of the Entomological Society of America (1978), and the prestigious Founder's Award of the Society for Environmental Toxicology and Chemistry (1984). He is an elected member of the National Academy of Sciences, the highest honor that can be bestowed on an American scientist.

Metcalf has served as a consultant for international organizations, such as the World Health Organization, and has played an active role in numerous National Academy of Sciences committees on insect control and the environment. He holds eight U.S. patents and one Canadian patent related to his career efforts to develop more readily degradable pesticides.

Ohio State is proud to recognize this distinguished scientist and concerned member of the human race for his many pioneering achievements.

## The Graduate School

Dean: Roy E. Koenigsnecht

### Doctor of Philosophy

**Ahmad Abdullah Al-Shooshan**, Qassim, Saudi Arabia; B.S. (King Saud University); M.S.; *Agricultural Engineering*  
Dr. Ted H. Short

**Stephen Wade Ausmann**, Columbus; B.Mus. (Capital University); M.A.; *Music*  
Dr. James E. Major

**Margo Ann Baldwin**, Columbus; B.A. (Otterbein College); M.A.; *Psychology*  
Dr. Lyle D. Schmidt

**Fabio P. Bertolotti**, Lynchburg, VA; B.S., M.S. (Virginia Polytechnic Institute); *Mechanical Engineering*  
Dr. Thornuold Herbert

**Ravindra Gajanan Bhat**, Karnataka, India; B.S.Agr. M.S. (Agricultural College); *Plant Pathology*  
Dr. August F. Schmitthenner

**William Joseph Billingham**, Dublin; B.S.Ed., M.A.; *Education*  
Dr. Robert B. Donmoyer

**Michael Dean Bishop**, Urbana; B.S.Agr. (North Dakota State University); M.S.; *Animal Science*  
Dr. Michael E. Davis

**Jacquelyn Lee Blackmer**, Wooster; Associate's (Niagara County Community College); B.A. (College of Environmental Science and Forestry); M.S. (University of Idaho); *Entomology*  
Dr. P. Larry Phelan

**John Lincoln Blanchard**, Columbus; B.A. (University of Maine); M.S.; *Mathematics*  
Dr. Boris S. Mityagin

**Diana Fullen Bowers**, Delaware; B.S.Al.Hth.Prof.; M.S. (University of Tennessee at Knoxville); *Food Science and Nutrition*  
Dr. John B. Allred

**Regina Berrit Braker**, Lugano, Swaziland; Master's (Portland State College); *German*  
Dr. Charles W. Hoffmann

**Ellen Marie Capwell**, Westerville; B.S.Ed., M.A.; *Health, Physical Education and Recreation*  
Dr. Moon S. Chen, Jr.

**Chung-jen Chang**, Kaohsiung, Taiwan, R.O.C.; B.A. (Chinese Culture University); M.A. (National Chengchi University); *Communication*  
Dr. Rohan A. Samarajiva  
Dr. Joseph M. Foley

**Kyung Ho Chang**, Seoul, South Korea; B.S. (Yonsei University); M.A. (Ball State University); *Health, Physical Education and Recreation*  
Dr. Seymour Kleinman

**Indranil Chattoraj**, Calcutta, India; Bachelor's (Indian Institute of Technology); M.S.; *Metallurgical Engineering*  
Dr. Bryan E. Wilde

**Ai-Li Chen**, Taipei, Taiwan, R.O.C.; M.A.; *East Asian Languages and Literatures*  
Dr. Tien-Yi Li

**Chih-Chang Chen**, Taipei, Taiwan, R.O.C.; Bachelor's (National Taipei Institute of Technology); M.S.; *Welding Engineering*  
Dr. William A. Baeslack III

**Shichan Chiang**, Taipei, Taiwan, R.O.C.; B.S. (Central University); M.S. (Tsin-Hwa University); M.S.; *Welding Engineering*  
Dr. Charles E. Albricht

**Eunbong Choi**, Seoul, South Korea; B.A., M.A. (Ewha Women's University); M.A.; *Political Science*  
Dr. Bradley M. Richardson

**Philip Lewis Colling**, Beltsville, MD; B.S., M.S. (Texas A & M University); *Agricultural Economics and Rural Sociology*  
Dr. Scott H. Irwin

**Trudy Wellman Cravens**, Port Angeles, WA; B.S. (University of Washington); M.S.; *Human Ecology*  
Dr. Marion L. Cremer

**Wen-Long Dai**, Taichung, Taiwan, R.O.C.; Bachelor's, M.S. (Feng Chia University); *Welding Engineering*  
Dr. Chon L. Tsai

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- Jiunn-Tzer Wang**, Tao-Yuan, Taiwan, R.O.C.; B.Ed. (National Taiwan Normal University); *Education*
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- Margarete Anna Weathers**, Adrian, MI; B.Mus. (Adrian College); *German*
- Jeffrey Taylor Whetzal**, Columbus; B.A. (Miami University); *Journalism*
- Deanna Bohlander Whitaker**, Worthington; B.S.Ed.; *Education*
- Jean Ann Whitworth**, East Alton, IL; B.A. (Southern University and A & M College); *Speech and Hearing Science*
- Sara Dana Willson**, Worthington; B.A. (Tufts University); M.A. (University of Pennsylvania); *Journalism*
- Barbara Ann Woodland**, Reynoldsburg; B.S.Ed.; *Education*
- Karen Denise Woodrum**, Marion; B.S.Bus.Ad.; *Political Science*
- Jacqueline Ann Wortendyke**, Delaware; B.S.; *Education*
- Sachi Anne Yanari**, Huntington Woods, MI; B.A. (Michigan State University); *History of Art*
- Chu-Chen Rosa Yeh**, Chia-I City, Taiwan, R.O.C.; B.A. (Tunghai University); *Education*
- Yitzy Yeh**, Chai-I City, Taiwan, R.O.C.; B.S. (Fu-Jen Catholic University); *Photography and Cinema*
- Athena Yiamouyiannis**, Delaware; B.S.; *Health, Physical Education and Recreation*
- Yousef Yousefian Zadeh**, Columbus; D.D.S. (Tehran University); M.S.; *Anthropology*
- Master of Business Administration**
- Marilyn Louise Anderson**, Granville; B.A., B.S.Bus.Ad.; *Business Administration*
- Master of City and Regional Planning**
- Christine Rees Furr**, Columbus; B.A.; *City and Regional Planning*

**Kenneth Timothy Klingenberg**, Columbus, B.A.; *City and Regional Planning*

**Linda Galek Lagunzad**, Cleveland; B.S. (Cleveland State University); *City and Regional Planning*

**Noresah Bte Mohd Shariff**, North Sembilan, Malaysia; B.A. (University of Southwestern Louisiana); *City and Regional Planning*

#### Master of Fine Arts

**Darrell Frederick Anderson**, Kettering; B.A. (University of Dayton); *Theatre*

**Gretchen Cochran**, Columbus; B.S. (Cornell University); M.A. (Wesleyan University); *Art*

**Aaron Alvic Schroeder**, Murray, KY; B.F.A. (Murray State University); *Art*

**Frederick Steven Zaner**, Columbus; B.A.; *Art*

#### Master of Health Administration

**Daria Fakush Jerrome**, Lorain; B.S. (Eastern Michigan University); *Hospital and Health Services Administration*

#### Master of Labor and Human Resources

**Nancy Joan Hess**, New Albany; B.A. (Goucher College); *Labor and Human Resources*

**Matthew Colin Lane**, Boise, ID; B.S. (University of Idaho); M.Ed. (College of Idaho); *Labor and Human Resources*

**Masami Mitsui**, Tokyo, Japan; B.S.Bus.Adm.; *Labor and Human Resources*

**Barbara Ann Rottman**, Dublin; B.A. (University of Wisconsin at Madison); *Labor and Human Resources*

**Anjali Sarwal**, Luhiana, India; B.A. (Government College for Girls); *Labor and Human Resources*

**Michael Colin Yaus**, Columbus; B.A.; *Labor and Human Resources*

#### Master of Landscape Architecture

**Janice Ellen Gustafarro**, Rocky River; *Landscape Architecture*

**Sharon Henry Hebner**, Columbus; B.S.Ed., M.A.; *Landscape Architecture*

**Yi Su**, Beijing, P.R.C.; B.A., M.A. (Beijing Forestry University); *Landscape Architecture*

#### Master of Liberal Studies

**Catherine Marie Johanni**, Tampa, FL; B.A. (Princeton University); *Liberal Studies*

**Diana Dee Phillips**, Dayton; B.A.; *Liberal Studies*

**Snigdha Sukul**, Worthington; B.A., M.A. (University of New Delhi); M.A. (University of Meerut); *Public Policy and Management*

#### Master of Public Administration

**Jill Elizabeth Novak**, Kingsville; B.S. (Bowling Green State University); *Public Policy and Management*

**Aldo Anthony Tripodi**, Columbus; B.A.; *Public Policy and Management*

#### Master of Science

**Kenneth Christopher Adkins**, West Chester; B.S.E.E.; *Electrical Engineering*

**Abdul Aziz Ibrahim Al-Obaida**, Najed, Saudi Arabia; Bachelor's (King Abdulaziz Military Academy); *Geodetic Science and Surveying*

**Allen Joseph Ault**, Columbus; B.S. (University of Florida); *Computer and Information Science*

**Ramakrishnan Balasubramanian**, Madras, India; B.Tech. (Indian Institute of Technology); *Mechanical Engineering*

**Lance Christopher Beard**, Edwardsville, IL; B.S.E.E. (University of Illinois); *Electrical Engineering*

**Kay Marie Beattie**, Columbus; B.S.A.L.Hth.Prof.; *Allied Medical Professions*

**Roberta Jean Blauser**, Newark; B.S.Agr.; *Agricultural Economics and Rural Sociology*

**Mustafa Bostanci**, Istanbul, Turkey; Bachelor's (Istanbul Technical University); *Electrical Engineering*

**Shawn Lee Brown**, West Milton; B.S. (Wright State University); *Aeronautical and Astronautical Engineering*

**Eldemar Ocampo Cabotage**, Findlay; B.A. (Miami University); *Chemistry*

**Kevin Duane Carpenter**, Columbus; B.S. (University of Evansville); *Computer and Information Science*

**Cynthia Schurr Carter**, Fairborn; B.S. (Purdue University); *Electrical Engineering*

**Todd Michael Chamberlain**, Columbus; B.S. (Miami University); *Computer and Information Science*

**Peng-Hsing Chang**, Taipei, Taiwan, R.O.C.; B.S. (Fu-Jen Catholic University); *Human Ecology*

**Tse Tong Chia**, Singapore, Singapore; B.Eng. (National University of Singapore); *Electrical Engineering*

**Doranna Christenson**, Sioux Falls, SD; B.S. (Stanford University); B.S. (University of South Dakota); M.D. (University of Alabama); *Physiology*

**Ya-Cherng Chu**, Taipei, Taiwan, R.O.C.; B.S. (National Taiwan University); *Aeronautical and Astronautical Engineering*

**Kenneth Charles Clark**, Racine, WI; D.D.S. (Marquette University); *Dentistry*

**James Francis Curran**, Enterprise, AL; B.S.I.S.E.; *Nuclear Engineering*

**Madhur Prabhu Dayal**, Bombay, India; B.Tech. (Banarus Hindu University); *Chemical Engineering*

**Tony Gilbert Deans**, Columbus; B.S.Pharm. (University of North Carolina at Chapel Hill); *Pharmacy*

**Amitha Jinandani Dharmatilake**, Colombo, Sri Lanka; B.S. (University of Colombo); *Plant Biology*

**Scott Thomas Dupuie**, Rockwood, MI; B.S.E.E. (Wayne State University); *Electrical Engineering*

**Christina Marie Edwards**, Columbus; B.S.Agr.; *Dairy Science*

**Beckham Todd Eldrige**, Somerset, KY; B.S. (Eastern Kentucky University); *Statistics*

**William Edward English**, Concord, MI; B.S.E.E. (Michigan Technological University); *Electrical Engineering*

**Rhonda Joy Eubanks**, Wichita, KS; B.S.Ch.E. (Kansas State University); M.S. (University of Oklahoma); *Chemical Engineering*

**John Leslie Fabian**, Toledo; B.S.E.E.; *Electrical Engineering*

**Felix Ferre**, Ponce, PR; D.D.S. (University of Puerto Rico); *Dentistry*

**Joyce Ann Fichtner**, Hartsville; B.S.E.E.; *Electrical Engineering*

**Susan Carol Finefrock**, Columbus; B.S.Nurs. (Otterbein College); *Allied Medical Professions*

**Fernando Fischer**, Cochabamba, Bolivia; B.S. (Universidad Tecnica de Oruro); *Horticulture*

**Nicole Marie Francis**, Parma; B.S. (Baldwin-Wallace College); *Human Ecology*

**Claribel Garabis**, Hato Rey, PR; Associate's, B.S.Nurs. (University of Puerto Rico); *Nursing*

**Erick Roberto Garcia-Benitez**, Guatemala, Guatemala; B.S. (Texas A & M University); *Electrical Engineering*

**Sherif Ghali**, Cairo, Egypt; B.S. (Ain Shams University); *Computer and Information Science*

**Douglas Paul Gleckler**, Columbus; B.S.Nat.Res.; *Natural Resources*

**Lixin Gong**, Wuhan, P.R.C.; B.S. (Huazhong Agricultural University); *Zoology*

**John David Griffin**, Rocky River; B.S. (University of North Carolina); *Physiology*

**Nilendu Gupta**, Calcutta, India; B.Tech. (Indian Institute of Technology); *Biomedical Engineering*

**Sandeep Kumar Shrinath Gupta**, Pune, India; B.Tech. (Banaras Hindu University); Master's (Indian Institute of Technology); *Computer and Information Science*

**John Scott Gwynne**, Alliance; B.S.E.E. (University of Akron); *Electrical Engineering*

**Mark DeLoss Hanes**, Winston-Salem, NC; B.S. (Clemson University); *Electrical Engineering*

**Larus Thorarinn Hardarson**, Dublin; B.S. (Odense Teknikum); *Electrical Engineering*

**Mark Andrew Harper**, Columbus; B.S.Met.E.; *Metallurgical Engineering*

**John Thomas Harsen**, Columbus; B.S.E.E. (Northeastern University); *Electrical Engineering*

**Craig Burrell Henderson**, Coschocton; B.S.C.I.S.; *Computer and Information Science*

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**Steven Michael Hoffman**, Bonfield, IL; B.S. (Northern Illinois University); *Geology and Mineralogy*

**Robert J. Hossler**, Kingston, PA; B.S. (Pennsylvania State University); *Zoology*

**Yu-Hsian Hsiao**, Taipei, Taiwan, R.O.C.; B.S., M.S. (National Tsing Hua University); *Metallurgical Engineering*

**Chien-an Hu**, Taipei, Taiwan, R.O.C.; B.S. (Soochow University); *Molecular Genetics*

**Govindarajan Balaji Iyyuni**, Bombay, India; B.Tech. (Jawaharlal Nehru Technical University); *Electrical Engineering*

**Vivek Jaikamal**, Lucknow, India; B.Tech. (Indian Institute of Technology); *Mechanical Engineering*

**Mohammad Sarwar Jamal**, Karachi, Pakistan; B.S. (Pakistan Military School); B.S.C.E. (Military College of Engineering); *Geodetic Science and Surveying*

**Changfu Jiang**, Yilan, P.R.C.; Bachelor's, Master's (Harbin Institute of Technology); M.A.; *Computer and Information Science*

**Joseph Steven Julian**, Salem; B.S. (University of Notre Dame); *Aeronautical and Astronautical Engineering*

**Omar Khalid**, Karachi, Pakistan; B.S. (University of Engineering Technology); *Electrical Engineering*

**Shu-Hsin Ko**, Taipei, Taiwan, R.O.C.; B.S. (Chinese Culture University); *Human Ecology*

**Jennifer Riehl Koch**, Northfield; B.A. (Wittenberg University); *Molecular Genetics*

**Vasanth Krishnaswami**, Tamilnadu, India; B.Tech. (Indian Institute of Technology); *Mechanical Engineering*

**Sunil Bhanudas Kulkarni**, Pune, India; B.Tech., Master's (Indian Institute of Technology); *Engineering Mechanics*

**Nancy Joanne Lame**, Zion, IL; B.S. (Washington State University); *Astronomy*

**Xavier T. Lazzaro**, Paris, France; Bachelor's, Master's (Paris VI); *Zoology*

**Kings Ho Lee**, Omaha, NE; B.S.E.E. (Iowa State University); *Electrical Engineering*

**See Woo Lee**, Seoul, South Korea; B.S. (Inha University); *Mechanical Engineering*

**Vivian Philip Lewis**, Karnataka, India; B.Tech. (Indian Institute of Technology); *Chemical Engineering*

**Laura Jansen Lind**, North Olmsted; Cert.Dent.Hyg.; B.S.Ed.; *Dentistry*

**Mark Andrew Longman**, Schoolcraft, MI; B.S. (Central Michigan University); *Statistics*

**Hassan Loukili**, Khemisset, Morocco; Bachelor's (National School of Agriculture); *Agricultural Economics and Rural Sociology*

**Angela Diane Love**, Soperton, GA; B.S. (Fort Valley State College); *Computer and Information Science*

**Kwok-hing Robert Luk**, Hong Kong, Hong Kong; B.S., M.S.; *Physics*

**Sharook Phiroze Madon**, Bombay, India; B.S., M.S. (University of Bombay); M.S. (College of Environmental Biology and Forestry); *Zoology*

**Jerry Alden Mansfield**, Dublin; B.S.Nurs. (Xavier University); *Nursing*

**William Mariasosai**, Columbus; B.S., M.S. (University of Madras); *Computer and Information Science*

**William Bruce Martin**, Danville; B.A., M.S.W.; *Allied Medical Professions*

**Jennifer Ruth Mayhew**, Orrville; B.S. (Purdue University); *Geology and Mineralogy*

**Satish Rajan Menon**, Madras, India; B.Tech. (Banaras Hindu University); M.S. (Purdue University); *Computer and Information Science*

**Terrence Joseph Miesle**, Cincinnati; B.S.Food Sc.; *Horticulture*

**Curtis James Miller**, Beallsville; B.S. (Ohio University); *Chemistry*

**Suzanne Monnin**, Newark; B.S.AL.Hth.Prof.; *Allied Medical Professions*

**Peter Munk**, Columbus; B.S.E.E.; *Electrical Engineering*

**Sipho Musevenzo Munyaradzi**, Durban, Union of South Africa; B.S. (University of Zimbabwe); *Agricultural Engineering*

**George Nick Nicoloulas**, Athens, Greece; B.S.M.E.; *Mechanical Engineering*

**Rajesh Parameswaran**, Bangalor, India; B.Tech. (Banaras Hindu University); *Mechanical Engineering*

**Carol Cori Parkman**, Ruston, LA; B.S. (University of Alabama); *Allied Medical Professions*

**Michael Channing Pfeil**, Milford, MI; B.S.M.E.; *Engineering Mechanics*

**Andrew Douglas Pitonyak**, Columbus; B.S., M.S. (Oakland University); *Computer and Information Science*

**Nicolas Louis Pocard**, Epinal, France; Licence (University of Paris VI); *Chemistry*

**Drendolyn Ednethia Prewitt**, Tuscaloosa, AL; B.S. (Stillman College); *Computer and Information Science*

**Robert Blanchard Price**, Jamestown, NY; B.S. (Framingham State College); *Food Science and Nutrition*

**Bebas Purnawan**, Jakarta, Indonesia; Diploma (Bandung Institute of Technology); *Geodetic Science and Surveying*

**Chetan Rastogi**, Varanasi, India; B.Tech. (Banaras Hindu University); *Mechanical Engineering*

**Susan Sarah Reid**, Minneapolis, MN; B.A. (Saint Olaf College); *Chemistry*

**Theodore Ezra Riffle**, Toronto; B.S.Ch.E., B.S.E.E.; *Electrical Engineering*

**Diane Joan Roberts**, Columbus; B.S. (Kent State University); *Nursing*

**Clayton Lee Rugh**, Athens, GA; B.S.; *Plant Biology*

**Satoshi Sakurai**, Tokyo, Japan; B.S.E.E.; *Electrical Engineering*

- Efrain Salazar**, Maracaibo, Venezuela; Bachelor's (Universidad Central de Venezuela); *Horticulture*
- Fausto O. Sarmiento**, Quito, Ecuador; Bachelor's (Universidad Catolica); *Zoology*
- Padma Krishnamurthy Sastry**, Bangalore, India; B.Eng. (Bangalore University); M.B.A. (Pennsylvania State University); *Electrical Engineering*
- Amitabh Satyam**, Bhagalpur, India; M.S. (Indian Institute of Technology); *Physics*
- Sassan Steven Shademan**, Shapoor, Iran; B.S.W.E.; *Welding Engineering*
- Kalpak R. Shah**, Bombay, India; B.Tech. (Indian Institute of Technology); *Computer and Information Science*
- Nazih Ibrahim Shtaiwi**, Fuheis, Jordan; *Geodetic Science and Surveying*
- Gina Marie Siravo-Sagraves**, Galloway; B.S. (Otterbein College); *OSU Biochemistry Program*
- James Bradley Soltisz**, Sagamore Hills; B.S.A.A.E.; *Aeronautical and Astronautical Engineering*
- Thomas S. Spisz**, North Olmsted; B.S.E.E. (University of Cincinnati); *Electrical Engineering*
- Natarajan Sridhar**, Madras, India; B.Tech. (Indian Institute of Technology); *Mechanical Engineering*
- Padmanabhan Srikrishna**, New Delhi, India; B.Tech. (Indian Institute of Technology); *Mechanical Engineering*
- Patricia Ann Stanley**, Wheelersburg; B.S. (Ohio University); *Nursing*
- Daniel Franklin Stewart**, Columbus; B.S. (Eastern Nazarene College); *Electrical Engineering*
- John Clinton Stier**, Columbus; B.S.Agr.; *Plant Pathology*
- Michelle Hanako Sugiyama**, Columbus; B.A.; *Chemistry*
- Frederick Tony Tanduk**, Jakarta, Indonesia; Sarjana (Institute of Technology); *Agricultural Economics and Rural Sociology*
- Craig Tappan**, Mansfield; B.A. (Vanderbilt University); *Plant Pathology*
- Stephanie Dawn Taylor**, Roanoke, AL; B.S. (Auburn University); *Pharmacy*
- Mustafa Thamer**, Baltimore, MD; B.S. (University of Maryland); *Computer and Information Science*
- Satheesh Thampi**, Kerala, India; B.S. (University College); M.S. (Indian Institute of Technology); *OSU Biochemistry Program*
- Jacob Thomas**, Delhi, India; B.Tech. (Banaras Hindu University); *Mechanical Engineering*
- Manuela Luvette Thomas**, Castries, Saint Lucia; B.S. (University of West Indies); *Agronomy*
- Shunchun Tsai**, Taichung, Taiwan, R.O.C.; B.S. (National Chiao Tung University); *Electrical Engineering*
- Bryan David Tucker**, Grove City; B.S.M.E.; *Mechanical Engineering*
- Patricia Maria Valenzuela**, Santiago, Chile; M.D., Master's (Pontificia Universidad); *Preventive Medicine*
- Melissa Fleck Veenhuizen**, Hilliard; B.S. (Purdue University); D.V.M. (Iowa State University); *Veterinary Preventive Medicine*
- Philip Stephen Weissman**, Cleveland; B.S.A.A.E.; *Aeronautical and Astronautical Engineering*
- Erik James Wiberg**, Hampden, ME; B.S.C.E.; *Civil Engineering*
- James Patrick Wooster**, Seattle, WA; B.S.A.A.E.; *Engineering Mechanics*
- Duran Nihat Yetkinler**, Ankara, Turkey; M.D. (Hacettepe University); *Biomedical Engineering*
- Satoko Yoshimaru**, Fukuoka, Japan; Bachelor's (Kyushu University); *Agricultural Economics and Rural Sociology*
- Paul Randolph Younger**, Columbus; B.S.E.E.; *Electrical Engineering*
- Budi Yuwono**, Skarta, Indonesia; Sarjana (Bandung Institute of Technology); *Computer and Information Science*
- Lihua Zhang**, Jilin, P.R.C.; B.S., Master's (Jilin University of Technology); *Metallurgical Engineering*
- Master of Social Work**
- Maxine Beth Gilgoff**, Columbus; B.S., B.S.Al.Hth.Prof.; *Social Work*

## Colleges of the Arts and Sciences

Chairman, Coordinating Council of Deans: Joan Huber

Associate Dean for Undergraduate Studies in Arts and Sciences: Robert M. Arkin

The Colleges of the Arts and Sciences, a federation of five colleges, includes:

College of the Arts  
College of Biological Sciences  
College of Humanities  
College of Mathematical and Physical Sciences  
College of Social and Behavioral Sciences

## College of the Arts

Dean: Donald Harris

### Bachelor of Arts

Jeffrey Alan Brown, Columbus  
Michelle DiMascio, Worthington  
Judith Hertelendy, Grafton  
Sharon Elaine Klopfenstein, Smithville  
Kristine Carol Lehmann, Lakewood  
Todd Michael Merrifield, Toledo  
Michael John Mignery, Upper Arlington  
Melissa B. Swisher, Columbus  
Michelann Wires, Marion

### Bachelor of Fine Arts

Amy Rebecca Bean, Westerville  
Joseph Edward Davis, Columbus  
Michael Francis Gallagher, Columbus  
Larry Pug Heller, Columbus  
Vijaya Reddy Koppula, Gahanna  
Christopher Joseph Nappi, Ashtabula  
Robert Walter Patricy, Willoughby  
Anthony Wayne Roberts, Leesburg  
Mark David Spurgeon, Columbus  
Pamela Hope Tanowitz,  
New Rochelle, NY  
Linda Martin Wolfe, Dublin  
Elaine Wyder-Harshman, North Olmsted

### Bachelor of Music

Honor Jo Hill, Columbus  
Michael William Rak, New Albany  
Andrew Loiry Wilson, Gambier  
William Wesley Wolf, Reynoldsburg

### Bachelor of Art Education<sup>1</sup>

Melanie Beth Friedman, Chagrin Falls  
Michael James Fulmer, Dublin  
Christine Louise Johnson, Centerville  
Ginny V. Lanter, Dublin  
Michele Linnea Smith, Van Wert

### Bachelor of Art Education<sup>2</sup>

Jill Dianne Bennett, Columbus  
Billie Jo Fox, Oregon  
Victoria Jean Kain, Marysville  
Ann La Nette Motter, Massillon  
Robert Paul Sidders, Columbus

### Bachelor of Music Education<sup>2</sup>

Richard Leonard Boettner III, Stow  
Karen Elaine Cooperider, Westlake  
Shana Louretta Gaston, Tipp City  
Lisa Marie Wilkin, Lynchburg

### Bachelor of Science in Industrial Design

Michael William Tschudy, Columbus

## College of Biological Sciences

Dean: Gary L. Floyd

### Bachelor of Arts

Maria Page, Youngstown  
Dawn Marie Somerlot, Marion

### Bachelor of Science

Mark Klingler Borsody,  
Middleburg Heights  
Jayne Bradley-Sparks, Columbus  
Cynthia Anne Brannaman, Middletown  
Stephen Anthony Burke, Hilliard  
Elizabeth Dawn Conn, Columbus  
Amy Danielle Cook, Fostoria  
Julia Marie Egan, Dayton  
James Alexander Herron, Toledo  
Lisa Michele Hopkins, Youngstown  
Paul Stephen Howard, Columbus  
Gary Alan Hunt, Cincinnati  
Mary Jane Jaxthaimer, Columbus  
Bobby Gene Lewis, Jr., Blanchester  
Julie Lynne Muller, Seminole, FL  
Andrea Renée Smith, Brookfield  
William Anthony Tankovich, Delaware  
Joan Marie Wade, Fostoria  
Jason Leopold Zsemlye,  
University Heights

<sup>1</sup>Offered by the College of the Arts.  
<sup>2</sup>Offered jointly by the College of the Arts and the College of Education

## College of Humanities

Dean: G. Micheal Riley

### Bachelor of Arts

John Joseph Antolino, Columbus  
David Carl Asseff, Independence  
Bradley Lee Atkinson, Bladensburg  
Curtis Wade Baker, Columbus  
Benjamin J. Barnes, Upper Sandusky  
Kurt Jason Battenberg, San Diego, CA  
Elizabeth Ann Beeson, Cincinnati  
Julie Marie Bero, Purity  
Meshelle Marlow Bonlarron, Westerville  
Laura Dawn Boyd, Dayton  
Pamela Susan Brown, Worthington  
Carolyn Susan Buchanan, Heath  
Christian Lyle Buck, Marion  
Warren Matthew Buckey, Ashtabula  
Alessandra Leigh Clayton,  
Cleveland Heights  
Bobby Lee Comer, Columbus  
Susan Carol Converse, Columbus  
Mary Elizabeth Cowardin, Columbus  
Eric Stephen Davidson, Parma Heights  
Trevor Matthew Davies, Columbus  
Elizabeth Ann Elder, Columbus  
Beth Ann Erwin, Gahanna  
Margaret Elizabeth Ide Gano, Columbus  
Ann Marilyn Gerstner, Columbus  
Margaret Florence Gibbons, Groveport  
Patricia Joan Glick, Dayton  
Catherine Lenore Grantham, Chardon  
Keith Aaron Grider, Cincinnati  
Marcy Lynn Hastings, Delaware  
Jennifer Lynn Jevack, Medina  
Stephen Thomas Keir, Hartford  
Wendy Marie Keller, Lakewood  
Kimberly Mills Leddy, Falls Church, VA  
Brent David Leibowitz, Akron  
Tammy Sue LeVally, Grove City  
Paige Ann Ludwig, Wellsville  
Mark Zachary Lyasko, Cleveland  
Mary Ellen Metzger, Crestline  
Timothy William Mohler, Centerville  
Brian G. Moran, Lakewood  
Michael David Moree, Lexington  
Sharon Kay Niederlander, Worthington  
Heath Calvin Patten, Bryan  
Milan Persic, Rocky River  
John F. Phillabaum, Port Clinton  
Mary Sheila Poland, Kent  
James F. Quilty III, Columbus  
Kimberly Edwards Ratcliff, Columbus  
Alison Diann Reeves, Columbus  
Christopher Paul Ribar, Kent  
Donna Elizabeth Richard, Port Clinton  
Sally Anne Saeger, Columbus  
Jennifer Elaine Saunders, Brook Park  
Amy Lynn Shunck, Whitehouse  
Donald Dean Smith II, Grove City  
Donald Sheridan Smith, Columbus  
Mark Andrew Smith, Columbus  
John Andrew Stottlemeyer, Worthington  
Roger John Strang, Bexley  
John Christopher Stropki, Gahanna  
Tami Sue Sutliff, Westerville

Daniel Duane Trittschuh, Greenvale  
Mary Michelle Trombetti, Columbus  
Lesley Anne Walter, Columbus  
Jennifer Lynn Weiss, Ashland

## College of Mathematical and Physical Sciences

Dean: C. William Kern

### Bachelor of Arts

Elizabeth Aaron, Columbus  
Rebecca Lynne Martin, Delphos  
Michael Anthony Mearini, Ashtabula  
Frank Clayton Stanley, Dublin  
Roger John Strang, Bexley

### Bachelor of Science

Aiman Hassib Abou-Zaki, Lebanon  
Ronald Dale Billig, Twinsburg  
Charles Jeffrey Borders, Groveport  
Andrew Martin Christ, Trenton  
Gary R. Dahnke, Sandusky  
Gregory Alan Gladman, Dresden  
Jeffrey Michael Kasson, Columbus  
Michael Gene Kennedy, Sandusky  
Frederick Phillip Kiger, Lancaster  
Sook Young Kim, Seoul, Korea  
Patricia Baker Robinson, Columbus  
Marcel Kelly Sucheston, Columbus  
Leigh Carlton Turner, Gahanna  
Matthew Christopher Wright,  
Coral Springs, FL  
Paul Allen Yager, Liberty Center

## College of Social and Behavioral Sciences

Dean: Joan Huber

### Bachelor of Arts

Tareq Abdullah Ahmad, Columbus  
John Andrew Allen, Columbus  
John Phillip Anderson, Columbus  
Matthew Anthony Andres, Columbus  
Michael John Arnot, Gahanna  
Nancy Lynne Aschenbrenner, Centerville  
Kathryn Lynn Baughman, Venice, CA  
Lisa Jean Bennett, Berlin Heights  
Deborah Ann Berkoben, Sylvania  
Steven Paul Beshuk, Johnstown  
Lydia Boudier, Massillon  
Andrew Raymond Boyer, Gahanna  
James Matthew Bozick, Jr., Pittsburgh, PA  
Andrea Lynn Burnett, South Webster  
Gerry F. Campbell, Columbus  
Michael Donald Canfield, Medina  
Lisa Ann Cannon, Columbus  
Laura Teresa Centrone, Canton  
Dennis Lloyd Cheyfitz, Chesterland  
Scott Joseph Clark, Detroit, MI

Robert Bruce Cohen, Englewood  
Mary Ellen Connors, Westerville  
Raina Dawn Cornell, Belpre  
Randal Scott Creviston, Pickerington  
John A. Dent, Shaker Heights  
Miguel Angel Diaz-Waldo,  
Birmingham, AL  
Erin Alane Dickie, Newark  
Mindy Sue Drayer, Columbus  
Brian Michael Duffin, Eastlake  
Christopher Lee Dyser, Wadsworth  
Timothy Alan Embaugh, Canton  
John Marc Ericsson, Mansfield  
Kathleen Marie Fabro, Columbus  
Susan Orr Fippin, Columbus  
Michael John Fisher, Columbus  
Rebecca Jill Frank, South Euclid  
Dina Jennifer Friedman, Jericho, NJ  
Michele Lee Furber, Cleveland  
Mark Allen Fusco, North Olmsted  
Dina Gelman, Bexley  
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Russell Dean Grose, Norwalk  
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Richard A. Hall, Columbus  
Amy Jo Halmi, Milford  
Tracy Alan Hammer, West Jefferson  
Darren Hudson Harder, Columbus  
John Wesley Haverstock III, Vandalia  
Kiersten Elaine Hayberg, Columbus  
Christina Lois Hayden, Cincinnati  
Philip John Hays, Richmond, KY  
Philip Dwight Hicks, Bellville  
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Robert Herold Hoyt, Strongsville  
Reem Akram Humeidan, Columbus  
Douglas Wade Hunt, Pandora  
Maria Ann Iacotino, Plainview, NY  
Megan Leigh Kearney, Cincinnati  
Timothy David Kennedy, Columbus  
Shazia Sami Khan, Columbus  
Jean Ellen Kimball, Newark  
David Lee Kless, Lyndhurst  
JoEllen Kluchar, Chagrin Falls  
Alan Seth Kornspan, Lyndhurst  
Kristan Noel Kroger, Hudson  
Elizabeth Anne Lamont, Oak Park, IL  
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Richard Ray Libertini, Columbus  
Thomas William Lisy III, Bay Village  
John Paul Lozano, Fremont  
William Brian Lush, Columbus  
Carol Ann Lynn, Columbus  
Leslie Ann Mabel, Manitow Beach, MI  
Todd Dino Manolis, Columbus  
Kimberly Marie Mastrangelo, Gates Mills  
Jeffrey Thomas Matter, Columbus  
Sean Michael McKelley, Louisville  
Dwayne Allan McNew, Dublin  
Sarah Josephine Merron, Columbus

Eugene Charles Meyer, Jr., Avon Lake  
Brian Paul Miller, Cleveland  
Jeffrey Todd Miller, Grove City  
Kristina Jonelle Miller, Reynoldsburg  
Mark Adam Miner, Upper Sandusky  
Deborah Sue Montey, Galion  
Jeffrey Donald Morabeto, Wintersville  
Michael Logan George Morter, Dublin  
Robert Stephen Moysan, Boyertown, PA  
Teresa Lee Nagy, North Canton  
Carolyn Christine O'Leary, Worthington  
Duane Michael Parks, Columbus  
Jennifer Lynne Pearson, Hudson  
Veronica Ellen Phillips, Youngstown  
Kimberly Lynn Phipps, Portsmouth  
Melaney Jo Raab, Delaware  
Noel John Reeves, Columbus  
Michael Leander Reid, Dayton  
Susan Lynette Reid, Mt. Gilead  
Gregory Neil Reinhard, Mason  
Scott Ahmad Ressler, Galion  
Debra Ellen Reynolds, Columbus  
Stephanie Mari Richardson,  
Upper Arlington  
Eileen Elizabeth Ritt, Chesterland  
Barbara Lynn Robins, Cincinnati  
Samantha Ann Rohr, Cincinnati  
Matthew Joseph Roman, Perrysburg  
James Gregory Roof, Warren  
Carrie Lynn Rowe, Westerville  
Lisa Michele Savage, Westerville  
Ann Lise Scarbrough, Elyria  
Kelly Ann Schaffer, Columbus  
Gregory Mark Schmersal, Jr.,  
Columbus Grove  
Jodi Lynne Seach, Mingo Junction  
Timothy Donald Shaffer, Lexington  
Suzanne Marie Sheppard, Columbus  
James David Shirilla, Poland  
Pamela Michelle Sibert, Westerville  
James Andrew Sichi, North Canton  
Sharon Marie Siedlecki, Independence  
Alan Howard Silverman, Sylvania  
Stanley Michael Skocki III, Columbus  
Robyn Lynne Slinger, Massillon  
Marvin Jackson Smith, Columbus  
MaryAnn Smith, North Olmsted  
Jeffery Robert Snyder, Mt. Blanchard  
Scott Philip Solomon, Pepper Pike  
Michael John Spondike, Mentor  
Nancy Radcliffe Spurgeon, Columbus  
Kristen H. Staas, Heath  
Scott Alan St. John, Macedonia  
Donald Allen Sutton, Mansfield  
John Alan Swartz, Rossford  
Jay Joseph Tarby, Sagamore Hills  
Michelle Lynn Taylor, Delaware  
Duane Todd Thompson, Painesville  
Molly Jo Trzebiatowski, Columbus  
Theresa Dorothy Van De Carr,  
Orchard Park, NY  
John Edward Walasik, Bethel Park, PA  
Melissa Ann Washstock, Perrysburg  
Akifumi Watanabe, Tokyo, Japan  
Jack Herbert Welch, Delaware  
John Allen Wells, Cambridge  
Michael Anson Wilkos, Columbus  
Timothy Glenn Wiseman, Grandview  
George Michael Wolfe, Dublin

Michael David Wright, Tiffin  
James Anthony Zaffiro, Cleveland  
Jodi Lynn Zuchowski, Wauseon

### **Bachelor of Science**

Pamela Dawn Beck, Bellevue  
Lisa Ann Cannon, Columbus  
Anthony Michael Cianciolo,  
Alexandria, VA  
Johannes Christian Erbs, Brunswick  
Todd William Haggard, Lima  
Bruce Michael Hall, Columbus  
Jennifer Lynn Howell, Lima  
Roger William Konrad, Jr., Cleveland  
Marcy Frances Miller, Lancaster  
Kari Ann Monahan, Dover  
Michael Joseph Pollak, Beachwood  
Fergus Gerard Sampson, Columbus  
Stacey Lee Sipes, Rocky River

### **School of Journalism**

#### **Bachelor of Arts in Journalism**

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Linda Ann Andraitis, Willoughby  
Carmen Margarita Banner, Newark  
Alan Matthew Barnes, Columbus  
Kathleen Marie Bast, Lakewood  
Janan Bejaige, Toledo  
Michelle Sue Boyajian, Canton  
Thomas VanDoren Brainard, Fairborn  
Linda Jane Carlson, New Philadelphia  
Diana Lynn Clark, Columbus  
Michelle Angela Clary, Columbus  
Dennis Sullivan Cleary, Columbus  
James George Dallas, Galion  
Howard Andrew Frank, Austintown  
Ann Theresa Gallagher, Columbus  
Berford Gammon III, Columbus  
Tamitha Sue Goodman, Westerville  
Daniel Allen Gydosh, Shaker Heights  
Gregory Jay Hahn, Cincinnati  
Julie Ann Herron, Jacksonville, FL  
Jeffrey Lewis Hirsch, Beachwood  
Gary William Hunt, Mansfield  
William Donald Innes, Vermilion  
Mark John Janselwitz, Delaware  
Scott Thomas Jenkins, Wooster  
Karen Kathleen Kegarise, Bettendorf, IA  
Rose Marlene Kennelly, Warsaw  
Frances Elaine Kienle, Hilliard  
Tomoko Constance Kotaka, Columbus  
Scott Christopher Lansky, Olmsted Falls  
Lonie-Ruth Pauline Lindberg, Huron  
Julie Ann Macdonald,  
Middleburg Heights  
Theresa Ann Marvin, Metamora  
Shauna Raquel McCall, Columbus  
Kristi Lynn Mohrfield, Pleasant Plain  
Steven Michael Morbitzer, Columbus  
Jeffrey Lowell Morgan, Newark  
Brian Thomas Newbacher, Lakewood  
Mary Jozefa Ometanski, Marietta  
Sonja Sofia Peterson, Portland, OR  
Angela Christine Price, Worthington

James F. Quilty III, Columbus  
John Adrian Redd, Jr., Columbus  
Jennifer Jayne Rieck, Dayton  
Cari Lyn Risseler, Bay Village  
Avery H. Robbins, Columbus  
Leslie Ann Roby, Rocky River  
Michele Esther Salzman,  
Mayfield Heights  
Kevin Anthony Savely, Reynoldsburg  
Amanda Jane Smith, Randolph  
Pamela Wilt Thompson, Upper Arlington  
Laurel Elaine Tommas, Columbus  
Christopher Noel Weber, Hamilton  
D. Cameron Williams, Cincinnati  
Matthew Eric Wilson, Piqua  
Jacqueline Michelle Wirtz, Westerville  
Jonathon Robert Wolf, West Chester  
Lois Jean Wong, Columbus  
Melinda Marie Zantek, Tallmadge

### **College of Agriculture**

Acting Dean: J. Robert Warmbrod

#### **Bachelor of Science in Agriculture**

David Creston Altieri, Canfield  
Donna Lynn Barlow, Findlay  
James Patrick Bethel, Mechanicsburg  
Phillip Wayne Blackburn, Minford  
Stephen Joseph Bogle, Dayton  
Eric H. Borden, Warsaw  
Terry Lee Burns, Marysville  
Joseph Marvin Carpenter, Somerset  
Tomas Miguel Casal, North Miami, FL  
David John Cirata, Shelby  
Matthew Aaron Cordell,  
Columbia Station  
Amy Sue Disher, Whitehouse  
David Robert Downs, Jr., Brookville  
Nancy Lee Drushal, Newark  
Kelly Edward Evans, Massillon  
Richard Lee Fendrick, Columbus  
Polly Ann Flautt, Granville  
Anthony Elvis Good, Arcadia  
Kevin Elbert Gray, North Fairfield  
Richard Scott Haerr, Springfield  
Beth Marie Harrington, Columbus  
Lori Ann Heiby, Celina  
Shawn Paul Houck, Willard  
Michael Anthony Hurst, Middlebury, IN  
Michael Ross Keener, Swanton  
Robert Elwood King, Ashtabula  
James Edward Knepsfield, West Milton  
Pamela Yvonne Kriso, Oakwood Village  
Adam Wade Lallathin, Westerville  
Yvette Fristoe Long, Dublin  
Carla Lee Loo, Toledo  
Jacquelyn Ann Marthey, Apple Creek  
Rhett Winfield Matheny, Chesterhill  
Michele Christine Michalak, Tiffin  
Lisa Marie O'Reilly, Chardon  
John Michael Peters, Columbus  
Mark Edward Phillips II, Bryan  
Garrett Dixon Posey, Columbus  
Carol Lynn Reiser, Columbus  
Dale Alan Riemer, Pepper Pike

Ross Allan Roberts, Waldo  
Kristen Carol Robinson, Bloomingdale  
Daniel P. Rosicka, Columbus  
Carmallee Jo Scarpitti,  
Willow Spring, NC  
Todd Russell Scheiderer, Columbus  
Robbin Lee Scherer, Mechanicsburg  
Timothy Edward Schlatter, Wauseon  
James Arthur Seals, Columbus  
Derrick Kendall Shook, Bloomville  
Andrew Marshall Smith, Columbus  
Jerry Scott Starkey, Paris  
Robert Kent Stein, Berea  
Mike Eugene Stutzlein, Ashland  
Gregg Allan Suver, North Canton  
Andrew Lynn Swerlein, Carey  
Duane Eric Thiergartner, Plain City  
John William Vogel, North Fairfield  
David Allen Wasserbeck, Marion  
Kevin S. Will, Cridersville  
Craig Allen Witker, Pemberville

#### **Bachelor of Science in Food Science**

Elaine Marie Hoehn, Kalida  
Daniel Robert Zevchik, Columbus

### **School of Natural Resources**

#### **Bachelor of Science in Natural Resources**

Douglas Sean Bohanan, Waterville  
Robert L. Carey, Columbus  
Sabrina Sabina Croston, Canton  
Daniel James Delcostello, Circleville  
Elvina Ann Ewing, Springfield  
Brian Don Glandon, Frankfort  
Mark Alan Ingham, Chillicothe  
Denise Anne Irwin, Columbus  
Scott Michael Jacobson, Westbrook, ME  
Brad Danial Kennedy, New Albany  
Cecile Marie Knippen,  
Cottage Grove, OR  
Michael Allen Porter, St. Clairsville  
Lee Douglas Russell, Painesville  
Andrea Lynn Sullivan, Grove City  
Kimberly Kaye Tomlinson, Diamond  
Darin Edgar Wise, Frazeysburg  
Mark J. Wypasek, Parma

#### **Agricultural Technical Institute – Wooster**

#### **Associate in Applied Science**

Gregg Michael Bobbs, Ravenna  
Matthew A. Burden, Bellville  
Timothy Shawn Connelly, Rocky River  
Ralph King Dain, Jr., New Springfield  
Steven John Daniel, Tiffin

Steven K. Eversole, Lancaster  
 Beatrice Fenelon, Wooster  
 Robert Matthew Ferguson, Chesapeake  
 David C. Haas, Jr., Westchester  
 John Douglas Hancock, Wellsville  
 Patrick Ryan Hayes, Belpre  
 David Gary Henderson, Zanesville  
 Casimis Jean-Pierre, Wooster  
 Darin C. Kelley, Maple Heights  
 Robert C. Kloska, Steubenville  
 Janet Louise Koch, Toledo  
 Murette Laguerre, Wooster  
 Jason Robert Landes, Medina  
 Jon Darrell Langguth, Ravenna  
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 Douglas W. Mahlerwein, Oxford  
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 Jeffrey Wilson Melragon, Columbus  
 Jeffrey Allen Miller, Louisville  
 Michael Todd Murphy, West Salem  
 Joseph William Pozderac, Carrollton  
 Jay Dean Rausch, Marysville  
 Kevin Michael Reiner, Toledo  
 Melody Louanne Rice, Marion  
 Ronald J. Riffle, Cutler  
 Shayne John Sanders, Greenwich  
 John Edward Storrie, Jr.,  
 New Philadelphia  
 Richard Weigand, Jr., Uniontown  
 Debra G. Wilson, Farmdale  
 Rebecca J. Wilson, Kensington

## College of Business

Dean: Joseph A. Alutto

### Bachelor of Science in Business Administration

Dana Kirkwood Adkins, Columbus  
 Phillip M. Alden, Marion  
 James E. Anna, Columbus  
 Robert James Appleby, Devon, PA  
 Cindy Lee Arnold, Mechanicsburg, PA  
 Beth Ann Ary, Orient  
 Thomas Duncan Badger, Jr., Mt. Vernon  
 Patricia Ann Baird, Plain City  
 Alan Lee Baker, West Mansfield  
 Meloee Kammer Barfield, Columbus  
 Bart Adam Barok, Orient  
 Saied Ahmed Basamh,  
 Jeddah, Saudi Arabia  
 Craig Emanuel Bell, Centerville  
 Deborah Lynn Benges, Kettering  
 John Glenn Berner, Columbus  
 Loribeth Bethel, Pickerington  
 Beth Ann Bond, Columbus  
 John Otto Bossart, Jr., Sandusky  
 Jeffery Dean Bradford, West Jefferson  
 Martin F. Brady, Westerville  
 Hallie Rae Braun, Ashland  
 Mitchell Sean Brown, Columbus  
 Todd Michael Burkhardt, Cambridge  
 Scott David Cady, Canton  
 Beth Ellen Cardin, King of Prussia, PA  
 Vincent Michael Cattano, Galion  
 Jennifer Mattye Chambers, Youngstown

Siti Amilah Che Soh, Kelantan, Malaysia  
 Wilma Veronica Cheung, Hong Kong  
 Betty Yu-Ju Chu,  
 Taichung, Taiwan, R.O.C.  
 Candace Lynn Cline, Heath  
 David H. Coleman, Worthington  
 Laura Ann Cooper, Shelby  
 Carol Ann Corrigan, Delaware  
 Todd Mitchell Cross, Pataskala  
 Denise Kay Crouse, St. Marys  
 Brian Todd Cunningham, Cadiz  
 Christopher E. Daly, New Carlisle  
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 Scott Alan Dennis, Chesterville  
 Rhonda-Lynn Denton, Waynesville  
 Edward Anthony Denzel, Dayton  
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 Jeffery Todd Dow, Akron  
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 Melissa Dawn Ekmark, Richwood  
 Christopher Elmore, Dayton  
 Christopher V. Esch, Ravenna  
 Bryan S. Scott, Beachwood  
 Kristin Renée Evins, Marietta  
 Kevin Lee Farnsworth, Jefferson  
 William Joseph Feehan, Reynoldsburg  
 Brian Albert Fitch, Wooster  
 Mark Andrew Flauto, Hudson  
 William John Forsthofer, Parma  
 Stephen James Frantz, Worthington  
 Joseph Freeman, Wooster  
 Laurice Ann Frysinger, Worthington  
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 Scott David Galloway, Columbus  
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 Robert William Gray, Chagrin Falls  
 Robert L. Grden, Columbus  
 Menelaos Gregory, Ashland  
 James Donald Grimes, Cincinnati  
 Troy Matthew Gross, St. Clairsville  
 Indra Gunawan, Kertosono, Indonesia  
 Leanne Hall, Canfield  
 Scott A. Halsey, Fairfield  
 John Robert Hammon, Jr., Cincinnati  
 Amy Alexandria Handley, Worthington  
 Holly K. Hascher, Cincinnati  
 Brian K. Henman, Bellefontaine  
 Serafin Hernandez, Columbus  
 Brett Joseph Hill, Cincinnati  
 Peter Lee Hill, Galena  
 Melvin John Holbert, Marietta  
 James Gailor Horton, Jr., Elyria  
 Amy R. Howe, Upper Arlington  
 Melissa Joy Hsu, Columbus

Joseph Edwin Huffer, Circleville  
 Stephanie Lynn Huffman, Bryan  
 Paula Jo Hughes, Columbus  
 Beth Ann Hulsizer, Cincinnati  
 Daniel Patrick James, Worthington  
 Matthew Eric Jauchius, Worthington  
 Kathryn Elizabeth Jeffreys, Gahanna  
 Roger Dale Johnson, Columbus  
 Marte Eltoro Jones, Youngstown  
 Burton Tom Jung, Sylvania  
 Richard Paul Karr, Kettering  
 Christa Sue Kerr, Kettering  
 David Todd Kersey, Westerville  
 Michael H. Kishishian, Westerville  
 Jeffrey Scott Koford, Gresham, OR  
 Valerie Joy Kuntz, St. Clairsville  
 Raymond C. Lang, Marietta  
 Donna Jo Lees, Pataskala  
 Eileen Marie Lentz, Cleveland Heights  
 Melissa Lynn Levings, Cardington  
 Shawn Patrick Leyden, Akron  
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 Bryan Patrick Marczika, Columbus  
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 William Joseph Mauri, Gahanna  
 Erin Gayle Maus, Lima  
 Sue Ellen Farquar McCarthy, Hilliard  
 Horace J. McConnell, Grove City  
 Angela Marie McCool, Centerville  
 Amy Jo McDermott, Worthington  
 Kenneth Neal McDowell, Chillicothe  
 John Patrick McHugh, Highland Heights  
 Bruce Edward McKibben, Bucyrus  
 Kirsten Colleen McPeak, Brunswick  
 Jill Andrea Mead, Columbus  
 \*Scott David Meeker, Worthington  
 Victor Herbert Melfe, Hilliard  
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 Darrell Atlee Mitchell, Fort Thomas, KY  
 Kathryn Elizabeth Moats, Newark  
 Jeffery Allen Montague, Massillon  
 Joseph Anthony Moscato, Yorkville  
 Melissa Anne Mullenix, Cincinnati  
 Michael John Mumaw, Granville  
 Gregory Alan Munster, Columbus  
 Carl Edward Myers III, Wadsworth  
 Douglas Lester Nagel, Columbus  
 Robert Gage Nelson, Middletown  
 Christine Marie Neuhart, Lima  
 Hoang Mark Nguyen, Wooster  
 Mong-Thu Thi Nguyen, Cincinnati  
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 Timothy Paul Ninke, Maumee  
 Douglas Dean Norton, Marion  
 Jon Dean Oliver, Montpelier  
 Yeok Keong Ore, Singapore, Singapore

\*Awarded Posthumously

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 Michael Anthony Piscioneri, Highland Heights  
 Laurie Ann Pishotti, Cortland  
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 Richard William Powers, Westerville  
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 Marcia Renee Ramsdell, Grove City  
 Benedict Mark Regoli, Jr.,  
   New Kensington, PA  
 William Day Reinmann, Rocky River  
 James M. Repp, Lodi  
 Darian Mark Rezaei, Painesville  
 James Jory Rice, Columbus  
 Robert Lewis Ricer, Woodfield  
 Paul Lewis Richards, Ashtabula  
 Taylor Richard Robison, Powell  
 John House Rockwood, Lancaster  
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 Paul Christopher Rusnak, Potomac, MD  
 John Scott Rymer, Carey  
 Jeffrey Alan Saco, Paulding  
 Lac Vi Sam, Mansfield  
 Julie Ann Schaaft, Fremont  
 Thomas D. Schmidt, Newark  
 Judd Christian Schnetzka, Jacobus, PA  
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 Christopher Daniel Schuler, Columbus  
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 Jonathan Michael Schwartz, Beachwood  
 Duane Tyler Scott, Columbus  
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 Lisa Marie Shaver, Worthington  
 Ami Lynn Sheridan, Springfield  
 Michael Kevin Shmarak, Southfield, MI  
 John Thomas Shumaker, Akron  
 Sharon Diane Skiddle, Amherst  
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 Michael David Smith, Gahanna  
 Charles Michael Snyder, Wintersville  
 Janet Lynne Souders, Pickerington  
 John Mathew Spader, Fremont  
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 Suzanne Lynn Stark, Columbus  
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 Robert Allen Stauffer, Centerburg  
 Beth Eileen Stenger, Columbus  
 Randall Welch Stitt, Erie, PA  
 Edwin Miller Stocker II, Columbus  
 Brent David Stoddard, Columbus  
 Kelly Jeanne Stover, Bluffton  
 Pamela Jean Strayer, Liberty Center  
 Mark John Symsick, Mansfield  
 Jolene Ruth Talbert, Columbus  
 Silvester Herry Tan, Jakarta, Indonesia  
 Michael Eugene Taylor, Warren  
 Maya Maria Tejarahadi,  
   Bandung, Indonesia

Min Huey Teo, Seremban, Malaysia  
 Katherine Boniface Terry,  
   Calumet City, IL  
 -Vera Rhea Thornhill, Frederick, MD  
 James Michael Thornton, Cincinnati  
 Jack Ernst Tobler, Cincinnati  
 David Allen Tolson, Columbus  
 Edward Kieran Tracy, Akron  
 Denise L. Tumblin, Newark  
 James R. Turner, Columbus  
 Eric Michael Untch, Youngstown  
 Caroline Patricia Uotila, Upper Arlington  
 Angela Gayle Valero, Mansfield  
 Steven Bruce Verdes, Vandalia  
 Leon Andrew Wagner, Canal Fulton  
 Michael Howard Ward, Pittsburgh, PA  
 Dan W. Warther, Dover  
 James Patrick Webb,  
   Edmonton, AB, Canada  
 Eric Peter Weidner, North Canton  
 Julia Yvonne Wernke, Cincinnati  
 David Michael Wilson, Alliance  
 Thomas Michael Wilson, Wadsworth  
 Curtis Miles Worth, Springfield  
 John Warren Worthington, Worthington  
 Tamara Lynn Yoder, Steubenville  
 Troy Dean Zaerr, Archbold  
 Robert Andrew Zalar, Euclid

## College of Dentistry

Dean: William R. Wallace

## Doctor of Dental Surgery

Karlene Ann Guasteferro, Columbus  
 B.A. (State University of New York at Buffalo)

José Francisco Santiago, Ponce, PR  
 B.S. (University of Puerto Rico)

## College of Education

Dean: Donald P. Anderson

## Bachelor of Science in Education

Robin Michelle Agnes, Hartsville  
 Cary Wynne Allion, Bloomdale  
 Michele Lynette Andrews-Sabot, Lima  
 Susan Ritchie Austin, Dublin  
 Troy David Austin, Akron  
 Ian Robert Balmer, Columbus  
 Tyna Louise Barry, Columbus  
 Aimee Dawn Bartenschlag, Woodsfield  
 Pamela Jean Becker, Lima  
 Maree A. Bednar, Columbus  
 Anne Marie Bender, Lexington  
 Stephanie Elaine Bennett, Jackson, MS  
 Michael David Bogdan, Medina  
 Marilyn R. Bohrer, Ottawa  
 Kenneth Allan Botzung, Cincinnati  
 Karen Ann Brainard, Gahanna  
 Kay Lynn Breckenridge, Amherst  
 Shawn Brown, Spencerville  
 Beth Ann Carwile, Marion

Michael Eugene Chancey, Syracuse  
 Carroll Lee Cook, Jr., Circleville  
 Todd Fitzgerald Dawson, Columbus  
 Regina Faye Dewson, Galion  
 Stacey Rae Dennis, Kansas  
 Susan Marie Dew, Lima  
 Douglas Raymond Dible, Grove City  
 Patricia Lynn Emich, Akron  
 Toni Lynn Evans, Edison  
 Deborah Ann Flock, Lima  
 Donald H. Foreman, Marion  
 Denise B. Forrest, Dublin  
 Brian Paul Foss, Newark  
 Scott Eric Froning, Columbus  
 Beth Ann Fruchey, Columbus Grove  
 Kathy Ann Gastier, Berlin Heights  
 Socrates Rick Goumas, Granville  
 Stephanie Griveas, Canton  
 Stephanie Ann Groce, Columbus  
 Connie Sue Grossman, Columbus  
 Jeffrey Asher Hamilton, Columbus  
 Mark Robert Hayman, Grove City  
 Mary Lyn Henninger, Gasport, NY  
 Kelly Renae Howerton, Shelby  
 Richard Michael Huffman, Salem  
 Brenna Kathryn Johnson, Lima  
 Edward Lewis Johnston, Jr., Westerville  
 Lori Rene Kuhlman, Woodville  
 Barbara Elaine Lesher, New Bremen  
 John Robert Luck, Akron  
 Connie Lee Lyons, Mansfield  
 Charles Scott Martin, Reynoldsburg  
 Kathy Sue Martin, Wapakoneta  
 Rhonda Kay Maynard, Grove City  
 Sean Andrew McCaffrey, Berea  
 Elizabeth McCallister, Greenville  
 Laura Anne McCarty, Milford Center  
 Melissa Louise McCoy, Wooster  
 Jill Marlene Miller, Leesburg  
 Anthony Clifford Moore, Amherst  
 James Rhodes Moore, Dublin  
 Lisa Elaine Muglich, Elyria  
 Kimberly Sue Neepser, Wapakoneta  
 Jamie Jo Nemeti, Rayland  
 Deborah Sue Noel, Worthington  
 Robert George O'Hern, Columbus  
 Dennis Michael O'Reilly, Columbus  
 Paul J. Oliverio, Mentor  
 Gregory John Parkhill, Dublin  
 David Lyle Pauer, Brecksville  
 John Hayden Peterson, Middletown  
 Kristin Jan Peterson, Houston, TX  
 Jennifer Charman Phillips, Loudonville  
 Michael Irvin Piero, Canton  
 Marlana Sue Pitchford, Lima  
 Cathryn Sue Porter, Cardington  
 Tanya Lynn Potter, West Union  
 Kimerly Sue Ransome, Richwood  
 Ery Elizabeth Reed, Ostrander  
 Harry Lee Reynolds, Jr., Akron  
 Kevin Arthur Richards, Huntsburg  
 Michelle Ann Robertson, New Albany  
 Cori Leslie Robinson, Newark  
 Christopher Andrew Rock, Columbus  
 Linda S. Rusch, Blacklick  
 Heath Daniel Sager, Tiffin  
 Annette GERALYN Sanders, Ft. Loramie  
 Gary Steve Schoenian, Ashland  
 Kerry Ann Seyffer, Cincinnati

Mark Gerard Shannon, Columbus  
Julie Ann Shepard, Norton  
John Sidorenko, Worthington  
Laurie Jill Simkow, University Heights  
Curtis Ryan Singer, Smithville  
Michelle Renee Skeels, Jefferson  
Kristi Lynn Smith, Ironton  
Karen Lynn Spain, Mansfield  
Aimee Lou Stephens, Willard  
Julie Ann Suarez, Massillon  
Trevor Michael Violet, Delphos  
Lisa Mary Wagner, Cridersville  
Shannon Gay Wagner, New Bremen  
Elizabeth J. Watt, Pickerington  
Joy Lee Whitcomb, Reynoldsburg  
Toni Rae Whitney, Mansfield  
David Andrew Williams, Bexley  
Rosa M. Williams, Kenton  
Kimberly Wines, Canton  
Andrea Susan Wise, Akron  
Molly Kay Wonn, Columbus  
Vanessa Lynn Wood, Mansfield  
Jane Ellen Woodland, Utica  
Eric Michael Wylie, Grove City  
Susan Hupp Young, Pataskala

## College of Engineering

Acting Dean: Robert F. Redmond

### Bachelor of Science in Aeronautical and Astronautical Engineering

Kevin Lee Draper, Jeromesville  
Todd Anthony Gallagher, Wooster  
James I. Harb, Cleveland  
Ronald Glenn Morford, Williamsfield  
Agustin G. Olabarrieta, Rio Piedras, PR  
Keith Allen Rabe, Liberty Center  
Craig Daniel Saurer, Wadsworth  
Maria Dawn Stahl, Beaver Creek  
Richard Brent Taylor, Atlanta, GA  
Marilyn Carole Thome, Worthington  
Todd Clayton Wray, Pittsburgh, PA

### Bachelor of Science in Agricultural Engineering

David Richard Krietemeyer,  
Fort Jennings

### Bachelor of Science in Aviation

Markus Aleksis Ahonen, Helsinki, Finland  
Timothy Albert Gregory, Marysville  
Bradley Alan McBride, Columbus

### Bachelor of Science in Ceramic Engineering

Matthew Robert Tangeman,  
North Canton

### Bachelor of Science in Chemical Engineering

Paul Jonathan Braun, Medina  
Melvin John Holbert, Marietta  
Kristan Elizabeth Kissell, Alexandria  
James Edward Schwierking, Jr., Urbana  
Susan Nicole Williams, Hamersville

### Bachelor of Science in Civil Engineering

Thomas Albert Brayshaw, Cincinnati  
James K. Clayton, Pittsburgh, PA  
Kevin Paul Clyde, Gahanna  
David Joseph Duritsch, Jr., Cincinnati  
Robert Gordon Graham, Canton  
Joseph Rodgers Grani, Dublin  
Tony Jay Jenkins, Lebanon  
Bradley Thomas Jones, Columbus  
Jody Ann Jones, Columbus  
Michael Richard Kolschetzky, Mentor  
Terrence Eugene Marsh, Lucasville  
Evelyn Marie Meagher-Hartzell,  
Cincinnati  
Stuart Paul Ravary, Toledo  
Kirk William Reich, Middletown  
Brenda Gail Sheares, Columbus  
Richard Michael Szoradi, Mentor  
Brian John Wozniak, Niles

### Bachelor of Science in Computer and Information Science

James Michael Calabrese, Toronto  
Michael Aaron Davis, Richmond Heights  
Steven Briggs Dellinger, Hilliard  
Alireza Farhoush, Tehran, Iran  
Daniel Boutros Gebran, Lebanon  
Leslie Lynne Hiemenz, Rochester, NY  
Joel James Joseph, Detroit, MI  
Patrick Sam Kara, Beirut, Lebanon  
Dung Van Nguyen, Columbus  
Joseph Thomas Rohde, Columbus  
Todd Alan Tenney, Fredericktown  
Tuan Hoang Thai, Columbus  
Bunnarath Theam, Dayton  
Daniel A. Treaster, Gahanna  
Charles Dana Wright, Groveport

### Electrical Engineer

Richard George Ricciuti, Boardman

### Bachelor of Science in Electrical Engineering

Jeffrey Thomas Bales, Columbus  
Joseph Eric Bennett, Columbus  
Dane Charles Butzer, Pickerington  
David John Carnevale, Columbus  
John F. Catheline, Youngstown  
Keith Chiu Kai Chan, Columbus

Peter Chan, Willoughby Hills  
George Edward Coles, Columbus  
Rebecca Sue Darrah, Dayton  
Susan Elizabeth Doyle, Beaver Creek  
Diane Sue Harmon, Centerville  
Hing Tsun Hung, Hong Kong  
Mark T. Hutchinson, Columbus  
Paul Justin Jagodik, Broadview Heights  
James Winston Kaehr, Springfield  
Kastanto Ledi, Bandung, Indonesia  
Jonathan Joseph Luse, Mentor  
Kapil Malik, Columbus  
William Jonathan McCormick,  
Rocky River  
Timothy Nathan McDonough,  
South Charleston  
Diane Sue McGee, Barnesville  
Patrick Edward Mintus, Warren  
Aziz William Nahhas, Beaver Creek  
Matthew Christopher Oskowis, Lima  
Joshua Chanjoun Park, Cleveland  
Paul James Pearson, Jr., Peebles  
James Anthony Pinto, Centerville  
Robert Joseph Procaro, Columbus  
Joseph Anderson Pugh, Akron  
Edward Alan Quickle, Tiffin  
Kevin Van Sickle, Columbus  
Robert Anthony Stute, Beaver Creek  
Paul F. Sullivan, Galena  
Brian Henry Talbert, Dayton  
David Alan Taylor, Lima  
David E. Vestfals, Hartville  
James A. Woeste, Cincinnati  
Diamond Zhu, Shanghai, P.R.C.

### Bachelor of Science in Engineering Physics

Martin Andrew Haas, Lockport, NY

### Bachelor of Science in Industrial and Systems Engineering

Todd James Adams, Akron  
Thomas Grant Allen, Cincinnati  
Craig Allan Barta, Wooster  
Christopher Louis Borger, St. Marys  
Grady Patrick Burrows,  
Cleveland Heights  
Olga Maria Charnas, Warren  
Frederick Christian Deiderich, Jr., Toronto  
Susan Margo Goss, Centerville  
Duane Raymond Hall, Columbus  
Michael Edward Kasody, Lima  
Joseph Patrick McNamara, Niles  
Luan Trong Nguyen, Cincinnati  
Jerry Lee Palmer, Plymouth, MI  
Douglas Robert Pfeifer, Nashport  
Laura Kimberly Pudell,  
Rochester Hills, MI  
Bradley J Ridenour, Springfield  
James Calvin Ropchok, Warren  
Valerie Glynellen Smith, Huber Heights  
Joo Yew Tan, Singapore, Singapore

## **Bachelor of Science in Mechanical Engineering**

Michael William Bauder, Canton  
Arthur Steve Clemans, Jr., South Solon  
John Albert Cremers, Canton  
Randal Chad Geedey, Reynoldsburg  
Brian Dean Honken, Lockport, NY  
John Scott Kaseman, Newark  
Lawrence Gregory Kastner, Columbus  
Mae Jean Lai, Beaver creek  
Jay Scott McCollam, Cuyahoga Falls  
Michael Dean Mlasofsky,  
Upper Arlington  
Bryan S. Nadeau, Broadview Heights  
Hideta Nagai, Worthington  
Michael Paul Patterson, Miamisburg  
Christine Drechsler Scheffer, Delaware  
Robert J. Sprungie, Stow  
Stacy Marie Stull, Mansfield  
Kenneth Trent Tandy, Beaver creek  
Philip Andrew Trivette, Akron  
Thomas Andrew Vercellotti,  
Hilton Head Island, SC  
Michael Von Wihl, Beaver creek  
Wilbert Wellington West, Toledo  
Jeffrey Alan Wheatner, Mansfield  
Tommy Lamar Yates, Rootstown

## **Bachelor of Science in Metallurgical Engineering**

Ivan Ray Clark, Waterford  
Timothy Patrick Doyle, Barberton  
John Robert Grassi, Dublin  
Kevin Charles Pickrell, Zanesville

## **Bachelor of Science in Surveying**

Robert Mitchell Foster, Circleville

## **Bachelor of Science in Welding Engineering**

Thomas Lee Farnsworth, Minerva  
Jeffrey Allen Shea, Reynoldsburg

## **School of Architecture**

### **Bachelor of Science in Architecture**

Patrick Andrew Byrne, Columbus  
Michael Richard Farr, Akron  
Timothy Edwin Moran, Westerville

### **Bachelor of Science in Landscape Architecture**

Keane Patrick McLaughlin, Dayton  
Robert Joseph Myer, Columbiana  
Robert David Schaad, Jr., Akron  
Daniel Thomas Walsh, Columbus  
Christine Ann Wyscarver, Westerville

## **College of Human Ecology**

Dean: Lena Bailey

### **Bachelor of Science in Human Ecology**

Denise Lynn Bagley, Columbus  
Sheila M. Bellamy, Bexley  
Amy Dawn Bowker, Columbus  
Patricia Ann Bradley, Cincinnati  
Sara Miller Brownlee, Columbus  
Amy Lynn Brudzinski, Fremont  
Kimberly Kay Colopy, Danville  
Lisha M. Crow, Xenia  
Damarra Lynn Davidson, Uniontown  
Michelle Renee Davis, Huron  
Kathleen A. Day, Mentor  
Eve Marie Fields, Elida  
Daniel Keith Frazier, Delaware  
Robert Paul Gross, Amelia  
Heather Diane Hardesty, Bexley  
Ralph Vincent Harris, Reynoldsburg  
Christopher Todd Hartle, Kenton  
Staci Lynae Hartzler, Columbus  
Patrick Andrew Holden, Columbus  
Kristin René Kaiser, Dublin  
James Michael Keinath, Newark  
Lina Catalina Lee, Worthington  
Jennifer Alexis Mack, Columbus  
Teresa Lynn Marallo, Ashland  
Debbie Sue Matsanoff, Pickerington  
Kelli S. McGowan, DeGraff  
Denise Nicole Milasky, Boardman  
Judy Ann Mordacq, Columbus  
Rhonda Kay Morgan, Carrollton  
Gayle Marie Motyka, Elyria  
Amy Elizabeth Norval, Akron  
Colleen Ann O'Connor, Columbus  
Jennifer Ann Peters, Circleville  
Anne Marie Piar, Mt. Vernon  
Belinda Marie Pickston, Gresham, OR  
Elizabeth Anne Proisie, Columbus  
Christopher Matthew Rosati, Dayton  
Laurel Marie Rusnak, Avon Lake  
Diane Elizabeth Salvati, Youngstown  
Aaron Troy Schrickel, Bloomingdale  
Patricia Lynn Simcik, Columbus  
Katy Stafford, Fredericktown  
Bryan James Stewart, Baden, PA  
Ann Marie Swearingen, Napoleon  
Terri Lynn Thompson, Amherst  
Caitlin Tipton, Worthington  
Mary K. Totten, Columbus  
Bradley Allen Ward, Columbus  
Keith Eric Ward, Columbus  
Allison Michele Weiss,  
West Caldwell, NJ  
Marian Kristine Williams, Uhrichsville

### **Bachelor of Science in Hospitality Management**

James Dennis Adcock, Orrville  
Ramzy Philip Asmar, Rocky River  
Stephen Jeffrey Blessing, Cincinnati  
Janette Marie Daher, Mayfield Heights

Kyla A C Gebhardt, Columbus  
Anne Christen Koon, Piqua  
Richard Scott Levine, Cincinnati  
Stephen James Miguel, Hagerstown, MD  
Diana Lynne Montgomery, Columbus  
James Robert Palmer, Loudonville  
Stephen Lawrence Solomon, Columbus  
Chien Hsing Wang, Dublin  
Robert E. Willard, North Canton

## **College of Medicine**

Dean: Manuel Tzagournis, M.D.

### **Doctor of Medicine**

Raymond Mark Delevie,  
State College, PA  
B.S. (Pennsylvania State University);  
M.A. (University of Maryland);  
J.D. (George Washington University)

Gregory Todd Schulte, Columbus  
B.S.

## **School of Allied Medical Professions**

### **Bachelor of Science in Allied Health Professions**

Christine M. Affolter, Youngstown  
Susan Rae Allen, Seville  
David Lewis Baird, Cuyahoga Falls  
Polly Ellen Barr, Canton  
Teri Lynn Beinlich, Stillwater, MN  
Deborah Batty Bohach, Columbus  
Dana Louise Bookwalter, Berea  
Nancy Noelle Buch, Caledonia  
Lee Ann Conger, Mt. Vernon  
Tracey Lynn Creager, New Carlisle  
Laura Lynn Cunningham, Olmsted Falls  
Stephanie Christine Daley, Lima  
Wendy Christian Davis, Cortland  
Shelley Diane Dawson, Upper Arlington  
Amy Lorain Dunn, Westerville  
Peggy Jo Ebert, Wooster  
Teresa Louise Fagan, Parma Heights  
Janice Irene Freeman, Cleveland Heights  
Andrea Jill Glick, Cincinnati  
Deborah Kaye Graber, Plain City  
Patrick Paul Haney, Columbus  
Judith Ann Harding, Columbus  
Donald William Ickler, Bridgeport  
Faith Lauren Jaffe, Beachwood  
Theresa Marie Jansen, Dayton  
Maria Theresa Kelley, Columbus  
Margaret Sue Kocab, Youngstown  
Marcia Kay Kreinbrink, Leipsic  
Laura Marie Krommer, Cincinnati  
Kimberly Anne Lindsey, Bellefontaine  
Christine Marie Ludeker, Farmer  
Kimberly Lee Manor, Sunbury

Kimberly Michele Martin, Mentor  
Leanne Williams Mihelick,  
Pittsburgh, PA  
Daphne Leigh Nashtock, Kinsman  
Karen Okny Norton, Euclid  
Rhonda Marie Owens, Sylvania  
Elizabeth Kathleen Pekare, Lorain  
Julie Ann Price, Massillon  
Kristine Lynn Royle, Hudson  
Maureen Joan Ruffing, Youngstown  
Peggy Rugo, Youngstown  
Lisa Marie Salek, Cleveland  
Sharon Ann Schneider, Avon Lake  
Craig Donald Shepherd, Centerville  
Kelly Ann Speelman, Canton  
Sandra Renee Visnic, East Liverpool  
Amy Lynn Werling, Dayton  
Cynthia Ann Wolfe, Grove City  
Sandra Marie Wood, Lyndhurst

## College of Nursing

Dean: Carole A. Anderson

### Bachelor of Science in Nursing

Cathryn Lynne Aubry, Worthington  
Catherine Thornton Earlenbaugh,  
Columbus  
Jane Editha Fischer, Bucyrus  
Margaret Ann Forbush, Concord  
Judy Ann Hicks, Reynoldsburg  
Laurel Ann Hook, Strongsville  
Sharon Easter Kepke, Columbus  
Christine Rae Kiley, Geneva  
Joyce Ann Miller, Columbus  
Ronalee Murtland, Columbus  
Jennifer Illene Naft, South Euclid  
Lisa Marie Nicaastro, Parma  
Sandra Carrie Noesner, Columbus  
Christine Ann Rath, North Canton  
Valerie Ann Rheinecker, Cincinnati  
Constance Jean Saltis, Bay Village  
Patricia Annette Smith, Ostrander  
Kimberly Kay Wolford, Mt. Gilead

## College of Pharmacy

Dean: John M. Cassidy

### Bachelor of Science in Pharmacy

Diane Marie Cappelletty, Columbus  
David Lee Eynon, Youngstown  
Lisa Michelle Franks, Wooster  
Lora Beth Gibbs, Columbus  
Cecilia Rosalie Guy, Millfield  
Michael Shannon Humbert, Celina  
Angela Joseph, Youngstown  
Angela Sue Klukoske, Columbus  
Robert James Maluso, Youngstown  
Gary Edward Okuley, New Bavaria  
Rachel Helen Scott, Portsmouth  
Janet Louise Selby, Newark

Richard Michael Smich, Parma  
Angela Justine Taylor, Huber Heights  
Amy Elizabeth Veronesi, Adena

## Graduates with Honors

Criteria for graduating with honors are as follows:

**Summa Cum Laude** designates those graduating in the top 3% of the class.

**Cum Laude** designates those graduating in the top 10% of the class.

**With Distinction** requires successful completion of a Senior Honors Thesis, oral examination, and graduation in the top 25% of the class.

**With Honors in the Liberal Arts** requires successful completion of the Arts and Sciences Honors Contract and graduation in the top 25% of the class.

**With University Honors** designates those graduating with curricular distinction and dedication to high educational goals.

### Summa Cum Laude with Honors in the Liberal Arts and with Distinction in French

Kimberly Edwards Ratcliff

### Summa Cum Laude with Distinction in Industrial and Systems Engineering

Susan Margo Gross

### Summa Cum Laude with Distinction in Mechanical Engineering

Brian Dean Honken  
Jeffrey Alan Wheatner

### Summa Cum Laude with Honors in the Liberal Arts

Rebecca Jill Frank

### Summa Cum Laude

Ian Robert Balmer  
Bart Adam Barok  
Anne Marie Bender  
Beatrice Fenelon  
Deborah Kaye Graber  
Melissa Joy Hsu  
Joseph Edwin Huffer  
Michael Shannon Humbert

Hing Tsun Hung  
Michael Anthony Hurst  
Murette Laguerre  
Mary Ellen Metzger  
Diana Lynne Montgomery  
Michael Todd Murphy  
Marcia Renee Ramsdell  
Christine Drechsler Scheffer  
Robbin Lee Scherer  
Jonathan Michael Schwartz  
Janet Louise Selby  
Joo Yew Tan  
Marilyn Carole Thome  
Sandra Renee Visnic  
Julia Yvonne Wernke  
John Edward Walasik  
Jane Ellen Woodland

### Cum Laude with Distinction in Electrical Engineering

Joshua Chanjoon Park

### Cum Laude with Honors in the Liberal Arts

Margaret Florence Gibbons  
Sally Anne Saeger  
Roger John Strang  
John Alan Swartz

### Cum Laude with University Honors

Craig Allan Barta  
Matthew Eric Jauchius

### With Distinction in Civil Engineering

Jody Ann Jones

### With Distinction in Family Resource Management

Mary K. Totten

### With Honors in the Liberal Arts

Pamela Dawn Beck  
Lisa Ann Cannon  
Raina Dawn Cornell  
Amy Lynn Shunck  
Theresa Dorothy Van De Carr  
Lesley Anne Walter

### With University Honors

Gregory John Parkhill  
Marvin Jackson Smith  
Lois Jean Wong

## Cum Laude

David Carl Asseff  
Susan Ritchie Austin  
Alan Lee Baker  
Saied Ahmed Basamh  
Maree A. Bednar  
Julie Marie Bero  
Loribeth Bethel  
Marilyn R. Bohrer  
Beth Ann Bond  
Laura Dawn Boyd  
Carolyn Susan Buchanan  
Stephen Anthony Burke  
Dane Charles Butzer  
Carol Ann Corrigan  
Ralph King Dain, Jr.  
Nancy Lee Drushal  
Christina Lynn Eckels  
Melissa Dawn Ekmark  
Michael John Fisher  
Deborah Ann Flock  
Brian Paul Foss  
Michael Francis Gallagher  
Brian Don Glandon  
Gregory Jay Hahn  
Tracy Alan Hammer  
Elaine Marie Hoehn  
Faith Lauren Jaffe  
Victoria Jean Kain  
Jean Ellen Kimball  
Eileen Marie Lentz  
Richard Ray Libertini  
Carol Ann Lynn  
Bertin Meance  
Jeffrey Wilson Melragon  
Hideta Nagai  
Aziz William Nahhas  
Christopher Joseph Nappi  
Yeok Keong Ore  
Michael Paul Patterson  
James Jory Rice  
Ronald J. Riffle  
Taylor Richard Robison  
James Calvin Ropchock  
Linda S. Rusch  
Lac Vi Sam  
Michelle Renee Skeels  
Charles Michael Snyder  
Robert Kent Stein  
John Edward Storrie, Jr.  
Roger John Strang  
Min Huey Teo  
Shannon Gay Wagner  
Akifumi Watanabe  
Susan Nicole Williams

THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND TWO HUNDRED AND SEVENTIETH MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, March 1, 1991

The Board of Trustees met at its regular monthly meeting on Friday, March 1, 1991, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

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Minutes of the last meeting were approved.

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March 1, 1991 meeting, Board of Trustees

The Chairperson, Mrs. Bowser, called the meeting of the Board of Trustees to order on March 1, 1991, at 12:00 noon. She requested the Secretary to call the roll.

Present: Shirley D. Bowser, Chairperson, Hamilton J. Teaford, John J. Barone, Deborah E. Casto, John W. Kessler, Alex Shumate, Theodore S. Celeste, and David A. Tonnies.

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## PRESIDENT'S REPORT

President Gee:

In making these reports to you each month, I attempt to reflect, in some way, the breadth, the variety, and, especially, the quality of our undertakings over the last month. Today, I want to use one theme to capture a great deal that has gone on in this short month and it is our most important theme -- teaching. It is, after all, what we as a University are about. And it is carried out in as many settings, on as many subjects, as there are departments on our campuses.

Yesterday, the Center for Teaching Excellence sponsored a forum titled "Teaching Matters," in which I was pleased to participate. A packed room of interested faculty and staff began a dialogue on questions of quality teaching: "How is it learned?" "How is it measured?" "How is it rewarded?" Indeed, I can say that it was a very stimulating discussion.

At the Lima campus this month, an interactive teleconference was held on "Issues and Conflicts in Writing Across the Curriculum," a national initiative aimed at enhancing writing skills at all levels of education.

Ohio State was named one of six institutions in the nation to participate in the Focus on Teaching Project, a 3-year federally funded initiative, aimed at finding ways in which major research universities can recognize, reward, and support effective teaching. Ohio State faculty members Mary Margaret Fonow, Center for Women's Studies, and Mary Ann Sagaria, College of Education, are teaching personal safety for young women through a pamphlet they have authored titled "On Your Own."

As part of United Black World Week, hundreds of area schoolchildren were brought to the Ohio Union for a morning program called: "Teaching children of African descent the truth about their culture through dance, music, folklore, and film.

How about the combination of learning and earning that was celebrated this month, the one-year anniversary of the student investment program. The students out performed some of their professional competition, and did an outstanding job, showing a gain of \$1 million on their \$5 million portfolio. This Board's confidence in them was clearly not misplaced!

We know that outstanding faculty are essential to the success of our teaching efforts, so, too, are outstanding alumni. And the two came together in a very special way. I was delighted to participate in a program in Chicago this month that honored one of our very distinguished graduates, Richard Morrow. On the occasion of his retirement as chairman of Amoco Corporation, the Amoco Foundation has created an endowed chair at Ohio State in polymer engineering in Mr. Morrow's name. That is a marvelous tribute to a fine member of the Ohio State family.

**PRESIDENT'S REPORT (contd)**

President Gee: (contd)

Another essential for outstanding teaching is exceptional students. Let me mention a few we are especially proud of! Three Ohio State students are among the 200 finalists in the nation for the 1991 Truman Scholarship. Kelly Boggs, a junior from Jefferson, Ohio, majoring in Japanese and economics; Randall Neprash, a junior from Columbus, majoring in civil engineering; and Alice Wolfe, a junior from Baltimore, Ohio, majoring in agronomy, are competing for these prestigious \$30,000 awards for undergraduate and graduate study.

You may have seen Scott Wright's name in USA Today as a member of the Third Team in USA Today's All-American College Student recognition program. Scott is a mechanical engineering student from Mineral City, Ohio.

I had the opportunity to witness some terrific teaching and learning on a recent visit to Larkins Hall. Make no mistake, our fine staff in recreation and our varsity coaches are outstanding teachers working with terrific students.

I saw our synchronized swim team preparing for a meet last weekend -- which they won, of course. They have won everything for the last fourteen years. I visited with that wonderful Number Two ranked men's team -- and I know how proud you are of our gymnastics program. Coach Kormann and his young men are fabulous. You heard it here first: there are several future Olympians on that squad. And, of course, as you well know, they did beat Penn State the number one ranked gymnastics team in the country. They are truly remarkable.

The men's swimming team is undefeated this season and has beaten both Indiana and Michigan for the first time in years! On the women's side, Susie Gottlieb was named Big Ten Swimmer of the Year and her coach, Jim Montrella, is Coach of the Year.

By the way, how about those basketball Bucks! The number 2 ranked Buckeyes have ignited a spirit of pride not only across the campus and the State, but among our friends and alumni across the country. I can attest to that having just visited several of our alumni programs in Florida, where I was asked a good deal about our basketball programs. Sunday, they will win their first Conference title since 1971! I want to say, too, and this is very consistent with the point that I have been making, that Coach Ayers is a wonderful teacher and a fine representative of this University.

Teaching is what we are all about. From the hardwood of St. John Arena to the computer labs in Hagerty Hall, students and teachers are fully engaged in exciting pursuits.

Madam Chair, this is my report for the month.

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## RESEARCH FOUNDATION REPORT

Ms. Casto:

The Research Foundation grants and contracts for the first seven months of the current fiscal year are shown in the agenda book. There are 799 awards listed which provide a gross income of \$73 million.

Funding to date is approximately one percent ahead of the first seven months of last fiscal year. Federal funding has increased both overall and in all but three federal sponsor areas. Funding from the State of Ohio and Industrial sectors has also increased. Some highlights of awards for January are:

\$595,000 from the National Endowment for the Humanities for an Arabic language and culture summer institute for secondary school teachers.

\$475,000 from the Electric Power Research Institute for a study to determine the factors in the home that might contribute to an increased risk of transmission of Legionnaires' disease.

\$20,000 from the North Atlantic Treaty Organization for organizing the workshop on non-linear dynamics to be held in Columbus.

That completes my report, Madam Chair.

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## CANCER HOSPITAL REPORT

Mr. Barone:

On July 9, 1990, The Arthur G. James Cancer Hospital and Research Institute opened its doors to patients and began an operational phase-in period which concluded on September 4, 1990. Immediately following the phase-in of operations, the Cancer Hospital was surveyed by the Health Care Financing Administration for approval as a Medicare hospital and secondly, surveyed by the Joint Commission for Accreditation of Hospitals. Both surveys were passed which resulted in The James Cancer Hospital receiving a Medicare provider number, an exception from the DRG reimbursement scheme and, finally, a three-year accreditation by the Joint Commission. The receipt of the DRG exception allows the Cancer Hospital to be reimbursed for patient care activities on a reasonable cost basis.

As of January 31, 1991, the Cancer Hospital is running an average daily census of 61 patients compared to a budget of 65. Additionally, year-to-date net revenues are \$20,934,000 compared to a budget of \$22,363,000 and total expenses run \$30,294,000 compared to a budget of \$26,163,000. This equates to an actual net loss of \$9,360,000. Although this loss is greater than anticipated in the original budget, it can be attributed to the delay and extended phase-in of operations due to the flood. Additionally, there are approximately \$2.7 million in receivables from medicare which were billed prior to the October 25, 1990, receipt of the Medicare provider number. These bills have been submitted and we anticipate maximum reimbursement. Currently there is a University based finance committee working closely with the Cancer Hospital administration, as well as the University Hospitals administration, to monitor the financial position of this health care institution.

### **CANCER HOSPITAL REPORT (contd)**

Mr. Barone: (contd)

On March 1, 1991, a six-month strategic planning process will begin which will outline the strategic plan for The James Cancer Hospital and Comprehensive Cancer Center for the next five years. The Douglass Group from Dallas, Texas, a subsidiary organization of Deloitte & Touche, has been awarded a contract to assist us in these efforts. The Douglass Group has a strong background in working with other health care organizations specific to cancer such as M. D. Anderson, Memorial Sloan Kettering, Lee Moffit, and others. Additionally, their focus for strategic planning has been with academic health care centers and they have worked in a strategic planning capacity with many of the National Cancer Institute designated Comprehensive Cancer Centers.

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### **HOSPITALS BOARD COMMITTEE REPORT**

Mr. Teaford:

The Hospitals Board met on February 21 and received the following Committee reports:

On February 14 the Strategic Planning Committee compared the results of surveys conducted in 1987 and 1990 to determine consumer attitudes and preferences toward healthcare services and providers. They learned that in 1990 OSU Hospitals was viewed more favorably overall and for specialty services than it had been in 1987. However, many of those surveyed go to the hospital designated by their HMO, PPO or insurance plan -- and 71 percent on the basis of what their physician chose. University Hospitals is viewed as the first or second choice for state-of-the-art services, cleanliness, and caring staff; our ranking falls to fifth in the areas of access and ease of getting around inside the Hospitals. Which comes as no great surprise to anyone who has ever attempted access.

The Committee discussed whether the Hospitals should move more aggressively into the managed care arena and decided that employers and unions would be very receptive to a managed care plan offering cost-based prices, quality, and value. The Committee, also, focused specific attention on the development plan for the Neurosciences Area of Emphasis. As you may recall, the Hospitals Board and the Medical College have chosen five areas, in particular, where emphasis will be placed and Neurosciences is one of those. It was noted that in all our planning and marketing efforts that the University Hospitals must not lose sight of the overall objective of placing the College of Medicine in the nation's top 10 medical schools.

On February 21 the Professional Affairs/Education/Research Committee looked in detail at the Department of Ophthalmology's quality assurance program. Dr. Bay reported on combined efforts of several departments to help drug-dependent mothers and their babies. He also reported on actions taken to ensure timely consultations. The Committee reviewed hospital-wide quality indicators and received a report from Mr. Fraley about actions taken to reduce one of those indicators which had fallen below where we would want -- namely the waiting time for patient admissions. Dr. Mekhjian reported that a combination of educational programs and monitoring of drug utilization has resulted in significant cost savings. Dr. Mekhjian also discussed the Performance Based Credentialing System which

## HOSPITALS BOARD COMMITTEE REPORT (contd)

Mr. Teaford: (contd)

the Hospitals are moving toward whereby each physician's performance is monitored by means of specific indicators and compared with his or her peers. Deviations from the norm are analyzed to determine whether any corrective actions need to be taken, although deviations do not necessarily indicate poor medical practice. These confidential profiles are available to the Credentials Committee during the reappointment process. Mr. Fraley provided and reviewed the survey reports of the Joint Commission on Accreditation of Healthcare Organizations; the Commission on Accreditation of Rehabilitation Facilities; and the Ohio Department of Health's Validation Survey for Compliance with Medicare Conditions of Participation. Indeed, all of those reports gave the OSU Hospitals their highest accolades.

After receiving reports of Committee activities, Board members were addressed by Dr. Thomas Prior, who gave us a short course on DNA testing and its use in diagnosing muscular dystrophy. This can also be used for carrier detection and prenatal diagnosis. The January financial and statistical highlights for University Hospitals and The James Cancer Hospital were reported. For the year-to-date, patient activity is ahead of budget in University Hospitals and below budget in the Cancer Hospital for the reasons my colleague told you about a few minutes ago. Combined admissions are 5 percent above budget and 5.7 percent more than last year at this time. Combined patient days are 5 percent above budget and 4.4 percent over last year's activity for the same time period. Combined average length of stay is essentially on target and roughly 1.2 percent less than last year's actual for the same time period. University Hospitals' net income through January was \$99,000 versus a budgeted loss of \$1.6 million. That is more than \$1.7 million ahead of budget.

Board Chairman Dr. John Kramer appointed a nominating committee for the Hospitals Board officers for the coming year and we received a report of development activities for the medical center.

During the briefings held on February 21, Mr. Fraley informed Board members of the following:

- The University has hired an architectural and engineering firm to review the feasibility of expanding the 12th Avenue parking ramp.
- A formalized affiliation agreement between Unverferth House and OSU Hospitals is being developed. The House was established by a volunteer group in honor of the late Dr. Donald Unverferth to provide accommodations for University Hospitals' pre- and post-heart transplant patients.
- The Office of Business and Administration has initiated a major study of visitor access to all OSU campuses, extended facilities, and University properties. The project will address signage, graphics, and visual communications providing a sense of physical identity with the University. The first of nine segments has just begun and encompasses State Route 315/University Hospitals/Western Gateways.

March 1, 1991 meeting, Board of Trustees

### HOSPITALS BOARD COMMITTEE REPORT (contd)

Mr. Teaford: (contd)

-- Last October the Hospitals Board approved a continuous program to upgrade our rehabilitation facilities. As we conclude renovation of the first and second floors of Dodd Hall, construction bids are now being solicited for renovation of the third and fourth floors.

That completes my report, Madam Chair.

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### INVESTMENTS COMMITTEE REPORT

Mr. Teaford:

It was, indeed, a fun meeting this morning. We were advised that the total investment pool is now at a record \$371 million; that the total endowment funds are now at a record \$346 million; and that the share value increase last month was 7.8 percent, making it the second highest month in the history of the University. It is important to point out that the highest month was some five years ago when the total dollars was less.

In addition, we were advised that additions to the endowment funds, in other words new money, are ahead of last year's record year. All fund managers but one are up for the year and, of course, the second ranking fund manager is the University students. I will certainly point that out to the other investment managers next year.

We also received a report on NACUBO, the National Association of College and University Business Officers. We now have the thirty-fourth largest endowment in the country and that is up four places from last year. On the four measures: the one, three, five, and ten-year measures of the fund, we are even with our peers -- in other words, the similar sized endowment funds. We are ahead of public universities on every one of those measures and ahead of the Big 11. Penn State is now in the numbers, even if they haven't quite made it yet in basketball and football. I would point out that last year the last place in the Big 11 was held by the university in the state to the north. We are also in the middle quartile, in terms, of the performance of all of the NACUBO universities. And as you will recall, that is indeed our goal. We also are a little better than that middle quartile on the ten-year comparison -- where we like to be. Our theory being, "if you are in the middle every year for ten years, you will be ahead." And it is holding. Also, in the gift flow rate, in other words the amount of new monies coming in, we are ahead of NACUBO in our peer-sized endowments and all of the public endowments.

We also received a report on the Quarterly Cash and Investments and all of that was in accordance with the usual numbers.

That completes my report, Madam Chair.

(Appendix LXI for complete context of The Ohio State University Endowment Summary, February 15, 1991, page 953.)

(Appendix LXII for complete context of the 1990 NACUBO Endowment Study, page 969.)

**INVESTMENTS COMMITTEE REPORT (contd)**

(Appendix LXIII for chart on The Ohio State University Cash and Investments, page 977.)

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**ACADEMIC AFFAIRS COMMITTEE**

Mr. Shumate:

The Academic Affairs Committee received a very positive report this morning from Dr. Robert Arkin, Professor in the Department of Psychology, on the Undergraduate Recruitment Initiatives that we have instituted at the University. Perhaps the most accurate statement is to say that this Committee is now coordinating, on a campus-wide basis, the efforts towards actively recruiting students for our undergraduate school. They are also responsible for implementing strategic efforts in order to ensure that in this time of decreasing student population graduating from high school, that we still have students appropriately applying to Ohio State for admissions.

Some of the activities that they have engaged in during the past year have been to implement a campus-wide telephone campaign; a presentation regarding financial aid that particularly highlights merit scholarships being available; increased visits by Admissions Office representatives to high schools and college night fairs; and improving the data base on information for prospective students, as well as sending follow-up letters to students who have visited the campus or contacted the University. The alumni are also being actively involved and engaged in the recruiting efforts that are being coordinated by the undergraduate recruitment committee.

The committee continues to work on issues such as enhancing the campus tour, with an effort towards emphasizing the fine academic aspects of this University. They would like to see the University hire a coordinator for alumni activities in the Admissions Office, and they are also interested in moving Admissions and other student service offices to a more centralized, attractive location. Dr. Arkin requested that the Board of Trustees consider appropriately funding this committee's efforts for the continuation of their activities.

In addition, the Committee is recommending to the Board of Trustees the following resolutions:

**NAMING OF BUILDING**

Resolution No. 91-93

Synopsis: The Academic Affairs Committee recommended the approval of the naming of the Old Grad School Building at 164 West 19th Avenue to the "Aviation Building".

WHEREAS upon the recommendation of the President, with the concurrence of the President's Executive Committee, it has been proposed that the Old Grad School Building at 164 West 19th Avenue be named the "Aviation Building," to reflect the Aviation Department's move to that building in fall 1991; and

March 1, 1991 meeting, Board of Trustees

**NAMING OF BUILDING (contd)**

WHEREAS two grants from the Federal Aviation Administration to construct an Aviation Academic Facility will add two additional floors to the existing two-story building:

NOW THEREFORE

BE IT RESOLVED, That in accordance with paragraph (G) of rule 3335-1-08 of the Administrative Code, the aforementioned building shall be named the "Aviation Building."

Upon motion of Mr. Shumate, seconded by Mr. Kessler, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**NAMING OF BUILDINGS**

Resolution No. 91-94

Synopsis: The Academic Affairs Committee recommended the approval of the naming of buildings on Kenny Road and Kinnear Road.

WHEREAS upon the recommendation of the President, with the concurrence of the President's Executive Committee, it has been proposed that the building at 1960 Kenny Road be named the "Research Foundation Building," to reflect the Foundation's move to that building in January 1991, and that the front part of the 1314 Kinnear Road building be named "The 1314 Kinnear Road Building"; and

WHEREAS this will eliminate confusion regarding the location of the Foundation, and assist the faculty and staff whom the Foundation serves; and

WHEREAS it will bring recognition to the many staff members of the Research Foundation for their service to the University; and

WHEREAS these names will allow for renaming of the buildings in the future in honor of major donors if appropriate gift potential is found:

NOW THEREFORE

BE IT RESOLVED, That in accordance with paragraph (G) of rule 3335-1-08 of the Administrative Code, the aforementioned building at 1960 Kenny Road shall be named the "Research Foundation Building" and that the front part of the 1314 Kinnear Road building be named "The 1314 Kinnear Road Building."

Upon motion of Mr. Shumate, seconded by Mr. Teaford, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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## **Distinguished Service Awards**

### Background

#### Wendell W. Ellenwood

One of the true pioneers among union directors nationally, under his leadership union support services have kept pace with changing populations and needs; in particular, he was instrumental in the approval, funding, and construction of the Drake Union which opened in 1972. He inaugurated many revolutionary concepts, including fast food franchises housed in the Union building.

Wendell has been deeply interested in student development and leadership and, both by his personal example and by establishing highly effective programming within the Ohio and Drake Unions, he has been a vital and positive campus leader for over a generation. Numerous testimonials from current and former students are proof of Ellenwood's abiding concern for student welfare and growth. His having been elected to honorary membership in Sphinx is further evidence of students' respect and admiration. Among the many student organizations benefiting from his active involvement is Ohio Staters, Inc., which he served as faculty treasurer and as a member of its Board of Directors.

Among many honors he has received, has been a scholarship in his name which is designed to provide \$600 scholarships to two students each year who are active with the Ohio-Drake Unions Activities Board.

#### Albert J. Kuhn

Professor Emeritus Albert J. Kuhn has had a distinguished career of scholarly teaching and dynamic administration since he came to Ohio State in 1954 after having earned his Ph.D. in English literature from Johns Hopkins University. His commitment and dedication to effective teaching and research was recognized by his faculty colleagues as he moved rapidly through the ranks from instructor to full professor in 1965. Dr. Kuhn was elected chair of the English Department in 1964 and served in that capacity until he was called to be Vice President for Academic Affairs and Provost in 1971. In June of 1979, he planned to return to the classroom as a full-time teacher ending his career as it had begun, but that was not to be.

When it became apparent that the University needed a highly respected academic leader and skillful administrator to direct the University Honors Center, Dr. Kuhn responded to the President's call at the urging of his faculty colleagues and served nobly in that position until his retirement. His highly regarded reputation for academic integrity, his commitment to excellence and life's humanistic values were basic to the expansion and increased visibility of the Undergraduate Honors Program.

Dr. Kuhn's distinguished service has extended to all of the colleges and campuses of the University through his participation as a member and/or chair of the University Library Council; University Athletic Council; The Ohio State University Conference on Humanities; the University Press; Big Ten Consortium Committee on Institutional Cooperation; President of the Research Foundation; Board of Overseers of the Academy for Contemporary Problems; and Region VIII, Woodrow Wilson Fellowship Selection Committee.

**Distinguished Service Awards (contd)**

Background (contd)

Paul E. Watkins

Mr. Paul E. Watkins has been a loyal alumnus, a generous supporter, and a particularly good friend of The Ohio State University. Over these many years, he has given very generously of his time, his counsel, and his resources to such units of the University as the College of Humanities, the Department of Classics, the Center for Epigraphical Studies, the Department of English, the Department of Philosophy, and the University Libraries, to name but a few.

The breadth, level, and regularity of Paul's service evidence his deep commitment to the educational mission of the university in general and his steadfast loyalty to The Ohio State University in particular. In essence, Paul has chosen to build and cultivate a lasting relationship with his alma mater, which exemplifies the "firm friendship" heralded in Carmen Ohio. In recognition of Paul's commitment to his University, his loyalty and dedicated service, he is most assuredly deserving of a 1991 Distinguished Service Award.

Robert J. Watkins

Robert J. Watkins, attorney and partner with Porter, Wright, Morris and Arthur in Cincinnati, and former legal counsel to Proctor and Gamble, has served The Ohio State University in many areas and many capacities. He has been active in the College of Law having served on its Centennial committee and made a major gift to its Centennial fund. He has served four over twenty-one continuous years on various boards, executive committees and councils for University Development and the University Campaign. He is a leader of the University's regional activities in Cincinnati, and has hosted numerous regional events. A life member of the Alumni Association, Bob has received the Alumni Centennial Award (1970) and the Ralph Davenport Mershon Award (1989).

His contributions and pledges to over \$100,000; his commitment spans more than three decades. He is most deserving of the University's highest award for distinguished service.

**DISTINGUISHED SERVICE AWARDS**

Resolution No. 91-95

Synopsis: The Academic Affairs Committee recommended the approval for four individuals to receive Distinguished Service Awards.

WHEREAS the President's Executive Committee, serving as a Committee on Distinguished Service Awards, has nominated and recommended four individuals for approval by the Board of Trustees to receive the Distinguished Service Award at a time convenient to the University and the recipients:

Wendell W. Ellenwood  
Albert J. Kuhn  
Paul E. Watkins  
Robert J. Watkins

and

March 1, 1991 meeting, Board of Trustees

**DISTINGUISHED SERVICE AWARDS (contd)**

WHEREAS these awards are given in recognition of distinguished service to The Ohio State University and the awards are in accordance with action taken by the Board of Trustees in 1952:

NOW THEREFORE

BE IT RESOLVED, That the Distinguished Service Awards be approved for awarding as designated above.

Upon motion of Mr. Shumate, seconded by Mr. Celeste, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**PERSONNEL ACTIONS**

Resolution No. 91-96

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the February 1, 1991 meeting of the Board, including the following Appointment of Chairperson of Department, Leaves of Absence Without Salary, Leave of Absence Without Salary--Continuation, Leave of Absence Without Salary--Correction, and the Medical Staff Appointments for The Arthur G. James Cancer Hospital and Research Institute as detailed in the University Budget be approved, and the Medical Staff Appointments approved January 24, 1991, by the Hospitals Board be ratified.

Appointment of Chairperson of Department

February 1, 1991 through June 30, 1995

Agricultural Education

R. Kirby Barrick

Leaves of Absence Without Salary

FRANK E. PULSKAMP, Associate Professor, College of Dentistry (Restorative & Prosthetic Dentistry), effective March 1, 1991, through January 31, 1992, on military leave.

MELANYE P. WHITE-DIXON, Assistant Professor, Department of Dance, effective February 26, 1991, through June 30, 1991, for medical reasons.

Leave of Absence Without Salary--Continuation

JUDITH A. MAXWELL, Assistant Professor, School of Natural Resources, effective January 1, 1991, through June 30, 1991, to continue to assist the Alaska Department of Fish and Game in organizing and managing the restoration activities for the Exxon Valdez oil spill.

Leave of Absence Without Salary--Correction

HUGH C. DONAHUE, Assistant Professor, School of Journalism, correct leave from Winter Quarter 1991, to Spring Quarter 1991.

**PERSONNEL ACTIONS (contd)**

Medical Staff--Appointments (The Arthur G. James Cancer Hospital and Research Institute)

BELL, DAVID C., M.D., Clinical Attending Staff, Department of Obstetrics and Gynecology

BENEDETTI, CONSTANTINO, M.D., Attending Staff, Department of Anesthesiology

BRYAN, DONALD K., M.D., Clinical Attending Staff, Department of Obstetrics and Gynecology

BURGERS, JOHN K., M.D., Associate Attending Staff, Department of Surgery--Division of Urology

COPELAND, CHRISTOPHER M., M.D., Clinical Attending Staff, Department of Obstetrics and Gynecology

COPELAND, WILLIAM E., SR., M.D., Associate Attending Staff, Department of Obstetrics and Gynecology

COPELAND, WILLIAM, JR., M.D., Clinical Attending Staff, Department of Obstetrics and Gynecology

IAMS, JAY D., M.D., Associate Attending Staff, Department of Obstetrics and Gynecology

JOHANSON, MICHAEL G., D.O., Associate Attending Staff, Department of Anesthesiology

KAEDING, CHRISTOPHER C., M.D., Associate Attending Staff, Department of Surgery--Division of Orthopaedics

LAVALLE, GREGORY J., M.D., Attending Staff, Department of Surgery--Division of Surgical/Oncology

MERVIS, LAWRENCE J., M.D., Associate Attending Staff, Department of Surgery--Division of Neurology

O'SHAUGHNESSY, RICHARD W., M.D., Associate Attending Staff, Department of Obstetrics and Gynecology

OLSEN, JOHANNES O., M.D., Associate Attending Staff, Department of Radiology

RIGSBY, WILLIAM C., M.D., Associate Attending Staff, Associate Attending Staff, Department of Obstetrics and Gynecology

SMITH, ROY E., M.D., Attending Staff, Department of Internal Medicine--Division of Hematology/Oncology

Medical Staff--Appointments (The Ohio State University Hospitals)

BENEDETTI, CONSTANTINO, M.D., Attending, Department of Anesthesiology

BURROUGHES, JEFFERSON M., M.D., Attending, Department of Internal Medicine--Division of Cardiology

CHITKARA, VIJAY K., M.D., Courtesy, Department of Pediatrics

March 1, 1991 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

Medical Staff--Appointments (The Ohio State University Hospitals) (contd)

JOHANSON, MICHAEL G., D.O., Attending, Department of Anesthesiology

KAEDING, CHRISTOPHER C., M.D., Attending, Department of Surgery--Division of Orthopedic Surgery

KLEIN, JARED L., M.D., Attending, Department of Pediatrics

LA VALLE, GREGORY J., M.D., Attending, Department of Surgery--Division of Surgical Oncology

MERVIS, LAWRENCE J., M.D., Attending, Department of Surgery--Division of Neurosurgery

ORTOLANO, VINCENT, M.D., Limited, Department of Surgery--Division of Urology

ROBINSON, LINDA A., M.D., Attending, Department of Emergency Medicine

SULLIVAN, MICHAEL J., M.D., Attending, Department of Otolaryngology

Upon motion of Mr. Shumate, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**RESOLUTIONS IN MEMORIAM**

Resolution No. 91-97

Synopsis: The Academic Affairs Committee recommended the approval of Resolutions in Memoriam for Donald P. Cottrell, Louis H. Diercks, Josiah B. Heckert, Floyd I. Lower, Milton B. Trautman, John A. Walker, and Geneva G. Watson.

RESOLVED, That the Board adopt the following Resolutions in Memoriam and that the President be requested to convey a copy to the families of the deceased.

Donald P. Cottrell

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on January 21, 1991, of Donald P. Cottrell, Professor Emeritus in the Department of Educational Theory and Practice.

Donald P. Cottrell was born in Columbus on February 17, 1902, and earned a bachelor's degree from Ohio State in 1923. He received a master's degree in 1927 and a Ph.D. in 1929 from Columbia University. He began his career in higher education as a professor at Teachers College, Columbia University, from 1929 to 1946. Among his positions at Teachers College were executive director of Horace Mann-Lincoln School and executive officer of the Division of Instruction. He was Dean of the College of Education at Ohio State from 1946 to 1967. After stepping down as dean, he continued as a professor in the Department of Educational Policy and Leadership until he retired in 1972.

Dr. Cottrell wrote extensively on teacher education. He was the author of Redirecting Teacher Education (1938) and editor of and contributor to Teacher Education for a Free People (1956).

## RESOLUTIONS IN MEMORIAM (contd)

Donald P. Cottrell (contd)

In 1949, the Board of Higher Education of New York City engaged Dr. Cottrell to direct a study of the long-term needs of the four city colleges for buildings and other capital improvements. The study, "Public Higher Education in the City of New York," was published in 1950. In 1961, he made another study with recommendations for the future of the Bernard M. Baruch School of Business and Public Administration. He served as member and chairman of the Board of trustees of Talledega College, Alabama, and as a trustee of Western College for Women in Oxford, Ohio.

Very active in national education associations, he was president of the American Association of Colleges of Education, served on the National Education Association's National Commission on Teacher Education and Professional Standards, and was a member of the honorary society of professorial educators, Phi Delta Kappa, for over fifty years. His other memberships included the American Association of University Professors, the Society of College Teachers of Education, and Kappa Delta Pi.

Recognized internationally as an expert consultant, Dr. Cottrell advised the U.S. Military Government in Germany on university education (1946), went to the Philippines, Japan, and China as chairman of a survey commission on Protestant-sponsored education (1948), served as chief of the United Nations Educational Planning Mission to Korea (1952-53), and advised the Indian government on the establishment of four regional centers for teacher education in the late 1950's and early 1960's.

Upon retirement, Dr. Cottrell pursued a second career as a painter. His works were shown in Columbus, Zanesville, and Paris, France.

On behalf of the University community, the Board of Trustees expresses to the family of Dr. Cottrell its deepest sympathy. It was directed that this resolution be inscribed upon the minutes of the Board of trustees and that a copy be tendered to the family as an expression of the Board's realization of the loss that the family, the University, and his many friends, students, and associates have sustained.

Louis H. Diercks

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on January 5, 1991, of Louis H. Diercks, Professor Emeritus in the School of Music.

Louis Diercks was born August 15, 1902, in Osceola, Nebraska. After graduation from Peoria Central High School in Peoria, Illinois, he attended Central Wesleyan College in Warrenton, Missouri, then transferred to Bradley Polytechnic Institute in Peoria, Illinois, where he completed his Bachelor of Arts degree. During the summers of 1925 and 1926, he also attended the MacPhail School of Music in Minneapolis, Minnesota, where he received the Bachelor of Music degree in 1926. He taught at Kearney State Teachers College in Kearney, Nebraska, from 1926 until 1931, when he began graduate studies in music. After completing the Masters of Arts degree at the University of Iowa in 1932, he was appointed an Assistant Professor of Music.

## RESOLUTIONS IN MEMORIAM (contd)

Louis H. Diercks (contd)

From 1933 until his retirement in 1966, he served the School of Music and The Ohio State University as an Assistant Professor, Associate Professor, and Professor. During this service, he conducted the Symphonic Choir and the University Chorus, taught studio voice, and became recognized as an expert in vocal pedagogy. He composed and published anthems and choral pieces and an oratorio, and published articles on church music, vocal pedagogy, and choral techniques. He also served as Minister of Music at the King Avenue Methodist Church from 1934 until his retirement.

Professor Diercks was a member of numerous professional organizations, including: the National Association of Teachers of Singing, the American Choral Directors Association, the Music Teachers National Association, and the Music Educators National Conference. Recognition of his contributions included the Distinguished Service Award from Kiwanis International and appointment as a Fellow of the American Institute of Vocal Pedagogy.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Josiah B. Heckert

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on December 6, 1990, of Josiah Brooks Heckert, Professor Emeritus in the Academic Faculty of Accounting and Management Information Systems.

Professor Heckert was born on January 22, 1893, in Kansas. He received his A.B. Degree in 1916 from Kansas Wesleyan University, and his A.M. Degree in 1923 from the University of Chicago. He was affiliated with the University of Kansas, Dakota Wesleyan University and Simpson College. During World War I, he served as First Lieutenant of Infantry in France, 1917-1919.

Professor Heckert was affiliated with The Ohio State University from 1925 to 1956, when he retired. He was the author of six text books with many of his texts published in successive editions and some still in print. He also published many articles. He was active in both the National Association of Accountants (NAA) and the American Institute of Certified Public Accountants on a national level. A past national president of the NAA (1952-1953), he has spoken to the local chapters in 21 U.S. cities. A CPA since 1926, he practiced with a local CPA firm from 1920-1925. He received an honorary doctorate from Kansas Wesleyan University in 1941, and was a member of Beta Gamma Sigma and Beta Alpha Psi. In 1975, Simpson College renamed a building, Heckert Hall, to house the business department.

Professor Heckert's contributions in teaching and in particular in textbook writing, and to professional organizations earned him the respect and admiration of generations of Ohio State accounting graduates and large numbers of accountants nationally.

On behalf of the University community, the Board of Trustees expresses its sympathy and understanding to the family of Professor Heckert. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

**RESOLUTIONS IN MEMORIAM (contd)**

Richard D. Jackson

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on January 26, 1991, of Richard D. Jackson, Vice President Emeritus of Business and Administration.

Dick Jackson was born on February 19, 1934, in Oyster Bay, New York. He received a Bachelor of Science degree in Civil Engineering from Tri-State College in Angola, Indiana, and was a registered professional engineer in the State of Ohio. After working for the Ohio Department of Transportation, in positions ranging from design engineer to Deputy Director, and as an engineer in private practice, he served as Service Director for the City of Columbus from 1972 to 1975. He was Director of the Ohio Department of Transportation from 1975 to 1977, and from 1977 until 1979 he directed the Ohio Department of Administrative Services. Dick Jackson joined The Ohio State University in June 1979 as Vice President of Business and Administration and served with distinction in that position until his retirement in March 1990. He also served two terms on the Ohio Ethics Commission and twice (in 1984 and 1989) was elected Chair of the Commission.

As Vice President, Dick Jackson had management responsibility for the departments of Business Management, Business Services, Internal Audit, Legal and Contracts Services, Physical Facilities, Public Safety, University Architect's Office, and University Systems.

During his career in public service, Dick Jackson managed the planning, design, and construction of approximately one and one half billion dollars of public improvements. At Ohio State, his leadership was instrumental in undertaking and completing projects that have enhanced the physical and academic environment of the University - Rhodes Hall; the Wexner Center for the Arts; The Arthur G. James Cancer Hospital and Research Institute; the new chemistry laboratories; and the Research Park - and projects to support the academic mission - service and warehousing facilities; a new telecommunications system; a coal-fired boiler; intramural playing fields; and the child care center. He continually focused concern, attention, and planning on the need for modernization of the University's infrastructure and instituted the now annual International Symposium on Preserving a Quality Environment for Learning. His stewardship and curatorial concern for the campus inspired others and made Ohio State a better place in which to learn.

Throughout his service to this University, Dick Jackson demonstrated an abiding concern for the welfare of students, faculty, and staff and a sincere dedication to the best interests of Ohio State. He was indeed quietly effective and respected both within the institution he served so well and by the larger University community.

On behalf of the University community, the Board of Trustees expresses its sympathy and understanding to his family and friends. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees as an expression of the Board's heartfelt sympathy.

Floyd I. Lower

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on January 13, 1991, of Floyd I. Lower, Instructor Emeritus in the Cooperative Extension Service.

## RESOLUTIONS IN MEMORIAM (contd)

### Floyd I. Lower (contd)

Mr. Floyd I. Lower was born on May 16, 1893, in Alliance, Ohio. He graduated from Alliance High School in 1914. In 1918 he received a certificate upon the completion of coursework in Agriculture at The Ohio State University, majoring in general agriculture. He then entered the military service and served until February 1919.

Mr. Lower began his professional career in the Ohio Cooperative Extension Service as a County Agricultural Agent in Carroll County in 1920, and resumed his extension experience in Columbiana County in 1925. He returned to The Ohio State University to receive his Bachelor of Science degree in 1940. Throughout his career, Mr. Lower was interested in seed potatoes, land use, conservatism, and rural economics. He held membership in the County Extension Agents' Association and the Ohio Forestry Association. In 1961 he was honored by the Ohio County Extension Agents' Association for 40 years of outstanding service to clientele in Ohio. Upon his retirement in 1963, he was named Instructor Emeritus.

Mr. Floyd I. Lower was believed to be the oldest retired agent and had served longer than any other agent in Ohio's agriculture Extension. Upon his retirement, he became manager of Ohio's annual potato field trials, which test new potato varieties under typical Ohio growing seasons. He was fondly known as "Mr. Potato" and was recognized nationally for his meticulous records. He helped from Lisbon's first Chamber of Commerce, becoming its first executive director and held that position for 17 years. He was founder and chairman of the Lisbon Shade Tree Commission and founded the community's Johnny Appleseed Festival in 1967. Many people were astonished that Mr. Lower was as active in his 90s as many men were in their 60s. He proved to be a challenge and an inspiration to those he worked with.

On behalf of the University community, the Board of Trustees expresses to the family and friends of Mr. Lower its deepest sympathy. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's realization of the loss that the family, the University, and his many, many friends and associates have sustained.

### Milton B. Trautman

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on January 31, 1991, of Milton B. Trautman, Professor Emeritus in the Department of Zoology.

Professor Trautman was born in Columbus on September 7, 1899, and did not complete high school due to a chronic illness. Largely self-taught and tutored, he became an internationally-known and respected ornithologist and ichthyologist. He was a research assistant for the Ohio Division of Conservation from 1925-34, and assistant curator of fishes at the University of Michigan Museum of Zoology from 1934-39. He came to Ohio State in 1939 and eventually became a full professor. He served as curator of ornithology at The Ohio State University Museum of Zoology for several years after his retirement in 1970.

He was the author of more than 100 scientific publications. His first book, The Birds of Buckeye Lake, Ohio, was published in 1940. His classic and definitive book, The Fishes of Ohio, was published in 1957 by The Ohio State University Press. It has been called the "most complete report of the fishes of any state ever published."

**RESOLUTIONS IN MEMORIAM (contd)**

Milton B. Trautman (contd)

Professor Trautman received an honorary doctor of science degree from the College of Wooster in 1951. He and his wife, Dr. Mary A. Trautman, who was his able assistant and collaborator, received the first honorary degrees awarded spouses by The Ohio State University in 1978.

Professor Trautman was a charter member and president of the Wheaton Club. He was president and life member of the Columbus Audubon Society and the American Ornithologist Union. He was a life member and held offices in the American Society of Ichthyologists and Herpetologists and the Wilson Ornithological Society. He was a fellow in the Ohio Academy of Science, the American Fisheries Society, the American Institute of Fishery Research Biologists, and the American Association for the Advancement of Science.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in their loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

John A. Walker

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on January 27, 1991, of John A. Walker, Professor Emeritus in the Department of Theatre.

A native of Chapel Hill, North Carolina, Dr. Walker received a bachelor of arts degree in 1936 and a master of arts in 1938, both from the University of North Carolina, and a Ph.D. from Cornell University in 1952. Following teaching appointments at Finch College, Alabama College, the University of Virginia, Michigan State University, and Ohio University, Dr. Walker became chairperson of the Theatre Department of The Ohio State University in 1971, a post which he held until his retirement in 1981.

Dr. Walker distinguished himself as teacher, journalist, administrator, and stage director. He was general manager of the outdoor historical drama, THE LOST COLONY, in 1946-47. He published reviews in "Quarterly Journal of Speech" and "Educational Theatre Journal." Among the theatrical productions he directed over the years were CANDIDA, OUR TOWN, SUMMER AND SMOKE, and WAITING FOR GODOT.

Professor Walker was particularly active in improving the Ohio arts community. In addition to his work with Ohio University and The Ohio State University, he was the first president of the Ohio Theatre Alliance from 1973-1974, president of the Athens Children's Theatre, and a member of the Columbus Junior Theatre of the Arts. On the national level, Dr. Walker served as president of American Playwrights Theatre and was chairperson of the American Theatre Association standing committee on standards from 1971 to 1973.

Dr. Walker spent 42 years contributing to the improvement of university theatre wherever he taught. His services as professor, director, journalist, arts administrator, and department chairperson testify to a lifetime of satisfying achievement.

On behalf of the University, the Board of Trustees expresses to the family its deepest sympathy and sense of understanding in their loss. It was directed that his resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

March 1, 1991 meeting, Board of Trustees

### RESOLUTIONS IN MEMORIAM (contd)

Geneva G. Watson

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on January 3, 1991, of Geneva G. Watson, Professor Emeritus in the School of Health, Physical Education, and Recreation.

Professor Watson was born on December 9, 1899, in Chicago, Illinois. She received her B.S. in Philosophy from the University of Chicago in 1921, and her M.S. in Dance/Physical Education from the University of Wisconsin in 1928; then spent three years as a teacher in the Bartlesville, Oklahoma public school system. Her academic teaching experience included Kansas State College, San Jose State College, University of Wisconsin, and The Ohio State University where she remained until her retirement in 1963. Upon retirement, she was named Professor Emeritus.

On behalf of the University community, the Board of Trustees expresses its sympathy and understanding to the family of Professor Watson. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Upon motion of Mr. Shumate, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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### STUDENT AFFAIRS COMMITTEE REPORT

Mr. Shumate:

The Student Affairs Committee received a very spirited and lively report from the Director of Traffic and Parking, Mr. Caleb W. Brunson. I wish I had accurate notes on the "Fact and Fiction" presentation that Mr. Brunson gave to the Committee. He wanted us to be sure to know that: it is a fact that there are ample parking spaces at The Ohio State University. He also wants us to know that it is fiction that his department spends so much of their time writing traffic tickets.

The Division of Traffic and Parking is a self-sustaining division; their \$6.5 million budget is self-generated through the sale of decals, visitor parking and special events parking. Mr. Brunson noted that 50 percent of that revenue actually comes from visiting parking income. The Division of Traffic and Parking operates the largest parking operation on a single campus in the United States. They are working diligently to insure that there is adequate parking and engaging in efforts to make that parking as convenient as possible for the staff, faculty, administration, students, and visitor to this campus.

The Student Affairs Committee next heard reports from the student government leaders:

Mr. Mark Slivka:

One issue going on right now is the non-tuition related living expenses budget that was proposed by the Financial Aid department. Due to discrepancies between actual and proposed student living expenses, students are being forced, at the present time, to make up the differences by either working part-time or seeking high interest loans from private lenders. What we found in our investigation was that

**STUDENT AFFAIRS COMMITTEE REPORT (contd)**

Mr. Slivka: (contd)

there are major discrepancies between OSU and other Ohio colleges and universities in relation to rent, utilities, clothing, groceries, and transportation. On the average, Ohio State's living expenses estimates are approximately \$3,800 less than all other schools. For example, Ohio State does not include essential commodities such as car insurance in its budget, and it grossly underestimates rent and utilities, on and off campus. So, it is our general feeling that the estimated cost proposed by the Financial Aid department is not an accurate reflection of the actual cost incurred by the student. It is our recommendation to the Council of Student Affairs to take the proper steps to re-evaluate the proposed cost of living expenses for the students and to make any necessary corrections to bring us more in line with the other Ohio schools. I don't think that it should be cheaper to live in Columbus than it is to live in Toledo, Dayton, or Cincinnati. Something is very wrong here.

Dr. Spillman

Mark, I might suggest that you have your representative on the Council of Student Affairs bring that issue to the meeting next Wednesday. We meet at 1:00 on Wednesday and we will get to it right away.

Mr. Slikva:

I might just come to that meeting. That is my report.

Mr. Teaford:

What kind of professional students are you and your vice-president?

Mr. Slivka:

I am a third-year dental student and I will be with you for the next year and a half. Lisa is a second-year medical student, potentially taking on my role in the future.

Mr. Shumate:

Thank you, very much. Nice meeting you.

Mr. John McClintock:

Benneta couldn't make it today, so she asked that I speak on her behalf. I am John McClintock, Treasurer of the Council of Graduate Students. I am not going to drop any bomb shells on you today, just give you an idea of what we have been looking at this month.

We have formed an ad hoc committee on child care to address some of the problems of low cost and adequate close proximity day care for students that have children or dependents. We have a couple of child care fairs coming up this quarter to inform graduate students of opportunities on campus and to establish a network of graduate students who are willing to swap child watching hours. We are also looking at a long-term goal of a drop-in co-op day care service.

**STUDENT AFFAIRS COMMITTEE REPORT (contd)**

Mr. McClintock: (contd)

Next, we are carrying out our plans for the 1991 Graduate Research Forum to be held on April 20, at the Fawcett Center. Ninety-one abstracts have been submitted and they are being reviewed right now by fifty-five faculty members who are serving as the abstract judges. Along with the Forum, we are also going to have a workshop on April 2, which will inform graduate students about how to present research at academic conferences. Dr. John Stegman, College of Business, and Dr. Lowell Hedges, College of Agriculture, will present the workshop. That is my report.

Mr. Teaford:

There is a University-wide committee studying dependent care, both elderly and child care. So you might try and hook into that as well.

Mr. McClintock:

I did not know that, but I will tell Benneta.

Mr. Shumate:

Any questions for John? John, thank you, very much.

Mr. Mike Clark:

Good morning. First of all, I would like to introduce Mr. Shane Dawson, Director of P.R. and Marketing for USC. He is going to be commenting on some things that I will be talking about.

I would like to bring you up to date on the Student Trustee Search. I am sure you all have been waiting to hear about it. I would like to ask Mr. Sloan or Mr. Slivka to comment on the search because they were on the actual interviewing committee and I was not. We have selected the top five candidates and will be sending the top five list to Governor Voinovich's office on Monday. The list consists of two undergraduate and three professional students. From what I have heard, each individual is very good and has excellent qualifications. The people on the committee feel very confident in the selection and that each candidate is an excellent choice. Again, if you have any questions about the Committee, Steve Sloan or Mark Slivka have the details.

President Gee:

How much interest did we have this year?

Mr. Clark:

I have not been involved in student government in the past, so I am not aware of the history itself. I would think that the turnout we had was decent, but I think it could be a lot better in terms of the size of Ohio State. I guess in theory, if you think about it, all you need is for one qualified person to apply. But I do think it is getting better.

**STUDENT AFFAIRS COMMITTEE REPORT (contd)**

Mr. Teaford:

What was the number of students who applied this year?

Mr. Clark:

I am not sure of the exact number, but it was just under 50.

Mr. Shumate:

It was under 30 last year, wasn't it?

Mr. Clark:

I think so. I would say more than half of those were undergraduates and I was very happy to see that. I think it was excellent. I think the perception of the Board members are, what they do, and the importance of the Board of Trustees is starting to increase the awareness on campus. That somewhat reflects the involvement of the people applying for these positions. I think it is definitely getting better and the future looks bright.

Next, I would like to talk about our elections coming up – the Student Government elections. We are starting to experience an increase in participation in the electoral process. I would like to ask Mr. Dawson if he has any points to interject at any time.

We had some informative meetings about the process itself and have 9 or 10 teams thinking about running; last year we had 2 teams that ran. We really think that we have a good chance at increasing our student participation in the electoral process from 6 percent last year, to about 20 percent this year. And we think that is an excellent reflection of not only what the student government has been doing and the things we have been involved with, but also the fact that we are a little more organized in our election's governing board. I think students are starting to become less apathetic. They want to get involved in what happens within the University itself. With the decrease in the apathetic attitude, we hope to help get the State to increase its support for higher education in the State of Ohio. At this time, I would like to Mr. Dawson to explain some of the roles that we will be participating in to get the State to help out Ohio State.

Mr. Dawson:

One of the things that we see as being an issue is higher education funding. I am sure you all know that on March 15 when the Governor submits his budget, we expect to see somewhere in the range of a 5 to 15 percent decrease in higher education spending before inflation. We haven't seen problems like that since the early 80's when there was a flat rate and inflation was in double digits. Luckily, we were asked to meet with the IUC (Inter-University Council), and they gave us a lot of information, regarding what the other universities are doing in order to lobby. We realize as students that the money is going to have to come from somewhere. They are not planting money trees around the Oval. The money is either going to come from the State, come from other programs, or the students. We see these cuts as being very detrimental to higher education. Without money, you just can't do certain things. So we sat back and tried to figure out what we could do. The IUC has been gracious enough to include us, as students, in their process. To help us learn and

**STUDENT AFFAIRS COMMITTEE REPORT (contd)**

Mr. Dawson: (contd)

understand, but at the same time we have to turn around and perform, we have to get involved. There are three different steps we can take.

First, we need to get out and educate our own students, and in turn, their parents as to what the problem is. The legislators are going to have this after the fifteenth and their concern is going to be toward their constituencies. We need to get the students and their parents involved, let them know that we think this is a problem, that we don't want higher education in Ohio to suffer. Ohio is already about 40th in the nation for funding. We hope that the education governor will realize that.

Second, our involvement with student government. We have become involved with the OSA, which is a fledgling lobbyist organization. Basically it is working as far as networking information among the different public universities in Ohio. We can take all this different information that we learned through IUC, and get it out to the constituency, that being the students, and in turn their parents. This will enable them to go to their home districts, write to their congressperson, and let them know that they are concerned about this. That is probably the best way to make an impact.

And, finally, the student leaders of Ohio State. We will be speaking directly with some of the legislators, both in the Senate and those on the House Finance, and Education committees and subcommittees. We want to express our concerns and let them know that we are not just sitting back at school and letting whatever happens take its course. We want to show them that we are, in fact, part of their constituency. I think part of that came out this fall when we had such a great voter turnout drive. We got a lot more people, student-wise, registered to vote. We can continue doing that. We want to let them know that, yes, we are concerned and we are going to vote one way or another when it comes time for their re-election. We will be testifying before some of the subcommittees and committees. We have also organized some meetings with the senators and representatives in order to let them know our views at this time. We really can't do much more until after the State Address and the budget is proposed.

Mr. Teaford:

I think what you are doing is a very important effort and is very essential. If you can really turn out students and parents you will make a difference.

Mr. Shumate:

I agree, the OSA is the Ohio Students' Association, who is president of that this year?

Mr. Dawson:

Robert Noce at the University of Miami is acting president. They just passed a new Constitution and Bylaws and this spring there will be a transition period where they will be changing over to a Board of Directors -- with a leader from each of the schools.

**STUDENT AFFAIRS COMMITTEE REPORT (contd)**

Mr. Clark:

This organization has been a roller coaster in its involvement over the years. Ohio State's involvement has been on the same track, as well. One thing that we have defined is to establish a base, an office of some sort, to start sending out the information to the schools. We are going to try and help set up a base perhaps in our office, starting the first year. We are not sure how it is going to go from there, but OSA might be working in our office to help get it going.

Mr. Celeste:

I suggest you think about it in a long-term plan as well, because that Board will always be necessary. This may not be a short-term discussion -- it may have longer term implications. You need to build that support and continue to be there to have that voice. It will make a difference.

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**AGRICULTURAL AFFAIRS COMMITTEE REPORT**

Ms. Casto:

This morning we heard about the Chadwick Arboretum. I think it truly pertains to the quality of life here at the University that we are trying to achieve.

In 1980 The Ohio State University Board of Trustees designated a 36-acre site adjacent to Route 315 and Fyffe Road and a five-acre site paralleling Lane Avenue between the Agricultural Administration Building and the Agriculture Engineering Building to be the Chadwick Arboretum. Over time, goals and objectives were formulated by a volunteer board of directors from many disciplines and a master plan was prepared. The plan includes a 2 1/2-acre lake to be used for research and demonstration in fish and wildlife. A series of model residential gardens and a taxonomic collection/nursery area which, through a leasing program to nurseries and contractors, will provide ever-changing exhibits for residents and a reason for frequent return. Research and educational gardens will permit the All-American Annuals and the All-American Roses already maintained by the University to be placed where the public can view them for the first time. The arboretum will include a garden of design history, a garden of experimental landscape design, and will create opportunities to display outdoor sculpture. The naturalist will have the opportunity to see a prairie, meadow and wetlands -- all low-maintenance exhibits -- on a miniature scale.

Integrated into the arboretum landscape are multiple-use lawns and terraces to be used by the University at-large for musical performances, art exhibits, a broad array of lectures, programs and socials, and for industry-related conferences. Beyond the arboretum proper, campus projects are also arising. As a result of efforts by the Chadwick Arboretum, beautification projects involving civic organizations, the University, and private industry are going forward as joint ventures. With these joint ventures it will ultimately be evident that a total campus beautification program will be the objective.

**AGRICULTURAL AFFAIRS COMMITTEE REPORT (contd)**

Ms. Casto: (contd)

I do think it is a great program. The problem with it is we are not sure when the completion date will be because of funding. I hope that we will take a close look at this project in the future as it relates to the quality of life here at Ohio State.

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**FISCAL AFFAIRS COMMITTEE REPORT**

Mr. Teaford:

The Fiscal Affairs Committee is recommending approval for the following resolutions:

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS**

Resolution No. 91-98

Synopsis: The reports on contracts, grants, and gifts and the summary for January 1991 are presented for Board acceptance.

WHEREAS monies are solicited and received on behalf of the University from governmental, industrial, other agencies, alumni, and various individuals in support of research, instructional activities, and service; and

WHEREAS such gifts and grants are received through The Ohio State University Research Foundation, the Engineering Experiment Station of The Ohio State University, The Ohio State University Development Fund, and The Ohio State University Foundation:

NOW THEREFORE

BE IT RESOLVED, That the research agreement between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the reports from the Engineering Experiment Station, The Ohio State University Development Fund, and The Ohio State University Foundation during the month of January 1991 be approved.

Upon motion of Mr. Teaford, seconded by Mr. Shumate, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

Background

JANUARY 1991

<u>Source</u>	<u>7/1/89-1/31/90</u>	<u>7/1/90-1/31/91</u>	<u>January 1991</u>
The Ohio State University Research Foundation	\$72,445,325.51	\$73,074,749.09	\$10,385,015.09
Engineering Experiment Station	\$ 4,208,532.00	\$ 4,485,186.00	\$ 437,630.00

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

Background (contd)

JANUARY 1991 (contd)

The Ohio State University Development Fund

Establishment of Named Funds

The Ross/Abbott Laboratories Undergraduate Minority Endowment Scholarship Program (Scholarships for undergraduate minority students - College of Agriculture)	\$ 38,000.00
The United Commercial Travelers Cancer Research Endowment Fund (Support cancer research)	\$ 25,000.00
The Alumni Club of Naples, Florida, Scholarship Fund Endowment (Scholarships to students from the Naples area)	\$ 20,000.00
The Hillsdale Fund Endowed Aviation Student Award (Annual cash award to worthy aviation student(s) preparing to become a professional pilot)	\$ 20,000.00
The Ralph Wardlow Lucas and Miriam Campbell Lucas Fund for Undergraduate Honors Scholarship Awards (Scholarship awards to Ohio students)	\$ 15,000.00
The Michael E. McConnell Memorial Scholarship Fund (Financial assistance - College of Law)	\$ 15,000.00
The Orthodontic Research Endowment Fund (Funding orthodontic research, exchange program, and visits by scientists from other universities)	\$ 15,000.00

Change in Description of Named Fund

The Valerie Hesel Scholarship Fund

The Ohio State University Foundation

Approval of Description and Establishment of Fund

The Elizabeth M. and Richard M. Ross Endowment for Medical Research and Education	\$ 20,000.00
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**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION**

Report - January 1991

Federal Research Contracts/Grants

\$1,223,647.00 - Department of Health and Human Services, National Center for Research Resources, Bethesda, Maryland, General Clinical Research Center, Medicine Administration (M. Tzagournis) and Department of Internal Medicine (W. Malarkey), 23 January 1991 through 30 November 1991. (Project 761196 - Continuation)

\$595,000.00 - National Foundation on the Arts and Humanities, National Endowment for the Humanities, Washington, D.C., Arabic Language and Culture Summer Institute for Secondary School Teachers, Department of Judaic and Near Eastern Languages and Literatures (F. J. Cadora and M. M. Alesh), 21 December 1990 through 31 December 1993. (Project 768812 - New)

\$539,656.00 - Department of Health and Human Services, National Institute on Deafness and Other Communication Disorders, Bethesda, Maryland, Otitis Media with Effusion: Human Studies, Department of Otolaryngology (D. J. Lim), 1 December 1990 through 30 November 1991. (Project 760043 - Continuation)

\$394,857.00 - Department of Health and Human Services, National Institute of Diabetes and Digestive and Kidney Diseases, Bethesda, Maryland, Modification of Diet in Renal Disease Study, Department of Internal Medicine (L. A. Hebert), 1 January 1991 through 30 November 1991. (Project 766873 - Continuation)

\$364,648.00 - Department of Health and Human Services, National Institute of General Medical Sciences, Bethesda, Maryland, Biochemistry of Natural Products, Biotechnology Program (P. E. Kolattukudy), 1 January 1991 through 31 December 1991. (Project 766224 - Continuation)

\$354,643.00 - Department of Health and Human Services, National Cancer Institute, Bethesda, Maryland, Southwest Oncology Group, Department of Internal Medicine (S. P. Balcerzak), 1 January 1991 through 31 December 1991. (Project 761094 - Continuation)

\$216,241.00 - Department of Health and Human Services, National Cancer Institute, Bethesda, Maryland, Cooperative Human Tissue Network, Department of Pathology (K. Clausen and J. G. Lucas), 1 January 1991 through 31 December 1991. (Project 765857 - Continuation)

\$197,992.00 - Department of Health and Human Services, National Institute of General Medical Sciences, Bethesda, Maryland, Regulation of the Gene Expression in Neurospora, Department of Biochemistry (G. A. Marzluf), 1 January 1991 through 31 December 1991. (Project 760578 - Continuation)

\$195,462.00 - Department of Health and Human Services, National Institute of General Medical Sciences, Bethesda, Maryland, Function and Assembly of Carbon Dioxide Assimilatory Enzymes, Department of Microbiology (F. R. Tabita), 1 January 1991 through 31 December 1991. (Project 767196 - Continuation)

\$185,798.00 - Department of Health and Human Services, National Institute of Diabetes and Digestive and Kidney Diseases, Bethesda, Maryland, Neural Control of Human Intestinal Mucosa, Department of Physiology (H. J. Cooke), 1 January 1991 through 31 December 1991. (Project 765037 - Continuation)

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$184,917.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, Electromagnetic Properties of Material Coated Surfaces, ElectroScience Laboratory, Department of Electrical Engineering (A. K. Dominek, W. D. Burnside, and L. Peters, Jr.), 1 January 1991 through 31 December 1991. (Project 766822 - Continuation)

\$166,109.00 - National Science Foundation, Washington, D.C., Solute Transport with Convective Instability in Groundwater, Department of Geological Sciences (F. W. Schwartz and E. S. Bair), 1 January 1991 through 31 December 1993. (Project 768790 - New)

\$165,385.00 - Department of Health and Human Services, National Institute of Neurological Disorders and Stroke, Bethesda, Maryland, Neurochemical Correlates of Cerebellar Development, Department of Pharmacology (A. Rotter), 1 December 1990 through 30 November 1991. (Project 767074 - Continuation)

\$162,456.00 - Department of Health and Human Services, Health Resources and Services Administration, Rockville, Maryland, Advanced Nurse Training: Care of Older Adults, Department of Life Span Process (J. S. Stevenson), 1 January 1991 through 31 December 1991. (Project 768803 - New)

\$162,194.00 - Department of Health and Human Services, National Institute of Environmental Health Sciences, Research Triangle Park, North Carolina, B[a]P-Metabolism and Modification of DNA in Human Skin Xenograft, Department of Medical Biochemistry and Comprehensive Cancer Center (G. E. Milo), 1 January 1991 through 31 December 1991. (Project 766549 - Continuation)

\$155,920.00 - Department of Health and Human Services, National Institute of Environmental Health Services, Research Triangle Park, North Carolina, DNA Damage Following Exposure to Genotoxin, Department of Radiology (A. A. Wani) and Department of Radiology and Department of Pharmacology (S. M. D'Ambrosio), 1 December 1990 through 30 November 1991. (Project 762787 - Continuation)

\$149,774.00 - Department of Health and Human Services, National Heart, Lung, and Blood Institute, Bethesda, Maryland, Cardiovascular Action and Metabolism of Kinin Analogs, Department of Physiology (P. E. Ward), 1 January 1991 through 31 December 1991. (Project 768817 - New)

\$140,400.00 - Department of Health and Human Services, Health Resources and Services Administration, Rockville, Maryland, Residency Training in General Internal Medicine, Department of Internal Medicine (E. L. Mazzaferri and J. M. Bowen), 1 July 1991 through 30 June 1992. (Project 768212 - Continuation)

\$137,693.00 - Department of Health and Human Services, National Cancer Institute, Bethesda, Maryland, Analog Studies of Retinoid Glucuronide Activity, College of Pharmacy (R. W. Curley) and Department of Surgery (H. M. Abou-Issa), 1 January 1991 through 31 December 1991. (Project 768760 - New)

\$125,000.00 - National Science Foundation, Washington, D.C., Research in Nuclear Astrophysics, Nuclear Physics, and Fundamental Particles, Department of Physics (R. N. Boyd), 1 January 1991 through 31 December 1991. (Project 768072 - Continuation)

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$123,928.00 - Department of Health and Human Services, National Institute of General Medical Sciences, Bethesda, Maryland, Characterization of a Mouse Recombination Hot Spot, Department of Microbiology and Immunology (W. P. Lafuse), 1 January 1991 through 31 December 1991. (Project 767995 - Continuation)

\$120,001.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, An Experimental Research Program on the Supersonic Throughflow Turbofan, Department of Aeronautical and Astronautical Engineering (J. D. Lee), 11 December 1990 through 10 December 1991. (Project 767282 - Continuation)

\$120,000.00 - Department of the Army, Army Corps of Engineers, Vicksburg, Mississippi, ARMS -- An Acoustics-Based Resuspension Measurement System for In-Place Estimates of Entrainment and Erosion from Dredged Material Disposal Sites, Department of Civil Engineering (K. W. Bedford), 1 October 1990 through 30 September 1991. (Project 766710 - Continuation)

\$116,894.00 - Department of Health and Human Services, National Institute of General Medical Sciences, Bethesda, Maryland, Targeting of Organellar Protein Synthesis Factors, Department of Biochemistry (C. A. Breitenberger), 1 February 1991 through 31 January 1992. (Project 766576 - Continuation)

\$110,000.00 - National Science Foundation, Washington, D.C., Kinetics, Spectroscopy, and Mechanistic Studies of Carbenes, Biradicals, and Radicals, Department of Chemistry (M. S. Platz), 1 February 1991 through 31 January 1992. (Project 767259 - Continuation)

\$106,815.00 - Department of Health and Human Services, National Cancer Institute, Bethesda, Maryland, Antitumor Activity of Glucarate and HPR, Department of Medical Biochemistry (T. E. Webb) and Department of Surgery (H. M. Abou-Issa), 1 December 1990 through 30 November 1991. (Project 768783 - New)

\$100,000.00 - National Science Foundation, Washington, D.C., Acquisition of a Rotating Anode X-ray Generator-Based Diffraction System, Department of Chemistry (M. Caffrey), 1 January 1991 through 31 December 1992. (Project 768818 - New)

\$92,993.00 - Department of Health and Human Services, National Heart, Lung, and Blood Institute, Bethesda, Maryland, Molecular Anatomy of Actin Assemblies of BC3H1 Cells, Department of Cellular Biology, Neurobiology, and Anatomy (A. R. Strauch), 1 January 1991 through 31 December 1991. (Project 767984 - Continuation)

\$92,100.00 - Department of the Air Force, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio, Plasma Chemistry of Vibrationally Nonequilibrium Molecules, Department of Mechanical Engineering (J. W. Rich), 1 October 1990 through 30 September 1991. (Project 768356 - Continuation)

\$90,928.00 - Department of Health and Human Services, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Virus-Endothelial Interactions in Organ Transplantation, Department of Pathology (D. D. Sedmak), 1 January 1991 through 31 December 1991. (Project 767998 - Continuation)

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$89,986.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, Constitutive Parameter Measurements of Lossy Materials, ElectroScience Laboratory, Department of Electrical Engineering (A. K. Dominek and W. D. Burnside), 19 December 1990 through 18 December 1991. (Project 768152 - Continuation)

\$83,865.00 - Department of the Army, Army Materiel Command, Aberdeen Proving Ground, Maryland, Unsteady Fluid Motion in Liquid-Filled Containers, Department of Mechanical Engineering and Department of Aeronautical and Astronautical Engineering (T. Herbert), 1 November 1990 through 31 October 1991. (Project 767692 - Continuation)

\$80,000.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Novel Ultrasonic Techniques for Interface Studies, Department of Welding Engineering (L. Adler), 1 November 1990 through 30 June 1991. (Project 768504 - Continuation)

\$78,377.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Scale Elimination in Turbulent Flows, Department of Mechanical Engineering and Department of Aeronautical and Astronautical Engineering (T. Herbert), 22 February 1991 through 31 December 1991. (Project 768182 - Continuation)

\$78,291.00 - National Foundation on the Arts and Humanities, National Endowment for the Humanities, Washington, D.C., Archaeology and Ancient History: Approaches and Sources, Department of History (T. E. Gregory), 1 October 1990 through 30 September 1991. (Project 768881 - New)

\$70,487.00 - Department of Health and Human Services, National Institute of Environmental Health Sciences, Research Triangle Park, North Carolina, Mechanisms of Mercury Toxicity and Carcinogenicity in Cells, Department of Microbiology and Immunology (M. V. Williams), 1 February 1991 through 31 January 1992. (Project 766606 - Continuation)

\$70,000.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, Jet Noise Production and Radiation, Department of Aeronautical and Astronautical Engineering (J. N. Scott and R. J. Bodonyi), 18 December 1990 through 17 December 1991. (Project 767656 - Continuation)

\$69,901.00 - Department of the Air Force, Air Force Systems Command, Bolling Air Force Base, D.C., Design and Diagnosis Problem Solving with Multifunctional Technical Knowledge Bases, Department of Computer and Information Science (B. Chandrasekaran), 1 October 1990 through 31 August 1991. (Project 767812 - Continuation)

\$67,500.00 - National Science Foundation, Washington, D.C., Raman and Spatially Resolved Spectroelectrochemistry, Department of Chemistry (R. L. McCreery), 1 February 1991 through 31 January 1992. (Project 767290 - Continuation)

\$63,210.00 - Department of Health and Human Services, National Institute of Diabetes and Digestive and Kidney Diseases, Bethesda, Maryland, Active Potassium Transport Across Colonic Epithelium, Department of Physiology (D. R. Halm), 1 December 1990 through 31 July 1991. (Project 768792 - New)

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$62,500.00 - National Science Foundation, Washington, D.C., Presidential Young Investigator Award, Department of Electrical Engineering (Y. F. Zheng), 1 February 1991 through 31 January 1992. (Project 767624 - Continuation)

\$54,000.00 - Department of the Army, Army Research Office, Research Triangle Park, North Carolina, Derivatives of Boranes, Possible Metal Boride and Boron Nitride Precursors, Department of Chemistry (S. G. Shore), 1 February 1991 through 31 July 1991. (Project 766948 - Continuation)

\$50,000.00 - Environmental Protection Agency, Washington, D.C., Pesticide Capture Efficiencies to Validate Passive Dosimeter Methodologies, Department of Entomology - OARDC (F. R. Hall), 15 October 1990 through 14 October 1992. (Project 768667 - New)

\$50,000.00 - National Science Foundation, Washington, D.C., Laser Assisted Deposition of Diamond, Department of Mechanical Engineering (V. Subramaniam), 1 January 1991 through 31 December 1991. (Project 768823 - New)

\$33,800.00 - Department of Health and Human Services, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Campylobacter pylori in the Gnotobiotic Piglet, Department of Veterinary Pathobiology (G. S. Krakowka and K. A. Eaton), 1 January 1991 through 31 December 1991. (Project 767150 - Continuation)

\$22,049.00 - Department of Health and Human Services, National Institute of Dental Research, Bethesda, Maryland, Pulsed Electromagnetic Fields After Maxillary Expansion, Oral Biology (J. L. Shanfeld), 1 August 1990 through 31 July 1991. (Project 768537 - New)

\$20,000.00 - Department of the Air Force, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio, A Numerical and Experimental Investigation of an Innovative and Efficient Energy Release/Storage System, Department of Mechanical Engineering (K. Vafai), 1 December 1990 through 31 December 1990 (Project 767829 - Continuation)

\$20,000.00 - Department of Health and Human Services, National Cancer Institute, Bethesda, Maryland, Total Synthesis of the Antitumor Antibiotic FR-900482, Department of Chemistry (L. A. Paquette and R. C. Thompson), 3 December 1990 through 2 December 1991. (Project 768771 - New)

\$20,000.00 - Department of the Interior, Geological Survey, Reston, Virginia, The Development of an Automated Lineament Extraction Technique for Large Data Sets, Center for Mapping and Department of Geodetic Science and Surveying (J. D. Bossler), 15 January 1991 through 30 September 1991. (Project 768816 - New)

\$20,000.00 - National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland, Energy Observing System, Byrd Polar Research Center (K. C. Jezek), 1 January 1991 through 31 December 1991. (Project 768799 - New)

\$20,000.00 - National Science Foundation, Washington, D.C., The Influence of Industrialization on Social and Economic Security, Mershon Center for Education (S. Z. Nagi), 1 December 1990 through 31 May 1992. (Project 768836 - New)

March 1, 1991 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$15,759.00 - Department of Health and Human Services, National Institute of Arthritis and Musculoskeletal and Skin Diseases, Bethesda, Maryland, Bone-Cement Interface Biomechanics, Department of Surgery and Biomedical Engineering Center (A. S. Litsky), 1 December 1990 through 30 November 1991. (Project 767202 - Continuation)

\$12,800.00 - Department of Health and Human Services, National Center for Nursing Research, Bethesda, Maryland, Stress, Coping, and Social Support in Hemodialysis Clients, Department of Family and Community Nursing (E. M. Menke), 1 February 1991 through 31 January 1992. (Project 768099 - Continuation)

\$12,500.00 - Department of Health and Human Services, National Center for Nursing Research, Bethesda, Maryland, Alcohol and the Rate of Progression of Alzheimer's Disease -- Individual National Research Service Award, Department of Life Span Process (E. Burns), 27 December 1990 through 26 December 1991. (Project 768778 - New)

\$12,000.00 - Department of Agriculture, Science and Education, Peoria, Illinois, Development and Efficiency Assessment of Injection and Electrostatic Spray Application Systems, Department of Agricultural Engineering - OARDC and Department of Agricultural Engineering (H. E. Ozkan), 24 September 1990 through 30 June 1993. (Project 768807 - New)

\$8,300.00 - National Science Foundation, Washington, D.C., Quasicrystals and Superfluid Helium, Department of Physics (T. L. Ho), 1 June 1991 through 31 May 1992. (Project 766683 - Continuation)

\$7,400.00 - National Science Foundation, Washington, D.C., Biosystematics and Evolution of the Genus Brachylaena R. Brown (Compositae), Department of Plant Biology (D. J. Crawford), 15 January 1991 through 31 December 1992. (Project 768776 - New)

**TOTAL - FEDERAL AWARDS** **\$ 8,084,176.00**

**State of Ohio Research Contracts/Grants**

\$167,782.00 - State of Ohio, Department of Health, Columbus, Ohio, Pneumonia Case Control Study, Department of Internal Medicine (J. F. Plouffe), 1 November 1990 through 31 March 1991. (Project 768791 - New)

\$158,106.00 - State of Ohio, Department of Health, Columbus, Ohio, Care of the High Risk Mother and Infant -- O.S.U. High Risk Perinatal Project, Department of Pediatrics and Department of Obstetrics and Gynecology (L. Cordero), 1 October 1990 through 30 September 1991. (Project 765042 - Continuation)

\$103,692.00 - State of Ohio, Department of Education, Columbus, Ohio, State Superintendent's Task Force for Preparing Special Education Personnel, Education Administration (T. M. Stephens), 1 July 1990 through 30 June 1992. (Project 766265 - Continuation)

\$70,303.00 - State of Ohio, Department of Health, Columbus, Ohio, Outreach Education, Department of Pediatrics and Department of Obstetrics and Gynecology (L. Cordero), 1 October 1990 through 30 September 1991. (Project 764100 - Continuation)

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

State of Ohio Research Contracts/Grants (contd)

\$3,462.00 - State of Ohio, Department of Natural Resources, Columbus, Ohio, Ecological Investigations at the Species, Community, and Landscape Levels of the Davey Woods State Nature Preserve, Champaign County, Ohio, Department of Plant Biology (R. E. J. Boerner), 1 June 1991 through 1 June 1992. (Project 768797 - New)

\$1,500.00 - State of Ohio, Department of Natural Resources, Columbus, Ohio, The Influence of Pollen Production and Plant Density on Seed Production in Teo Prairie Grasses, Andropogon gerardi and Sorghastrum nutans, Marion Campus, Department of Plant Biology (T. Allison), 17 December 1990 through 31 May 1992. (Project 768828 - New)

TOTAL - STATE OF OHIO AWARDS \$ 504,845.00

Industrial Research Contracts/Grants

\$89,908.00 - Rosemount, Inc., Burnsville, Minnesota, Advanced Radar Cross Section Measurements, ElectroScience Laboratory, Department of Electrical Engineering (J. D. Young), 12 December 1990 through 11 December 1991. (Project 767757 - Continuation)

\$49,245.00 - Merrell Dow Pharmaceuticals, Inc., Kansas City, Missouri, Explaining Post-Purchase Outcomes in the Prescription Drug Market: An Application of Equity Theory and Gap Analysis, College of Pharmacy (D. S. Pathak), 1 July 1990 through 31 July 1991. (Project 768707 - New)

\$40,425.00 - Merrell Dow Pharmaceuticals, Inc., Kansas City, Missouri, Drug Export Amendments Act of 1986 and the U.S. Pharmaceutical Industry: An Evaluation, College of Pharmacy (D. S. Pathak), 1 July 1990 through 31 October 1991. (Project 768706 - New)

\$30,000.00 - Ross Laboratories, Columbus, Ohio, Pilot Study of Survanta Supplementation in Acute Respiratory Distress Syndrome, Department of Internal Medicine (J. E. Gadek and J. E. Weiland), 15 January 1991 through 14 January 1992. (Project 768808 - New)

\$28,200.00 - Merck, Sharp & Dohme Research Laboratories, West Point, Pennsylvania, Open-Label, Pilot Study of the Hemodynamic Effects of Intravenous Enalaprilat Administered as an Extended Infusion to Patients with Heart Failure, Department of Internal Medicine (R. J. Cody and G. J. Haas), 1 January 1991 through 31 December 1991. (Project 768837 - New)

\$25,479.00 - Amgen, Inc., Thousand Oaks, California, Treatment of Helicobacter pylori Induced Gastritis with Granulocyte Colony Stimulating Factor, Department of Veterinary Pathobiology (G. S. Krakowka), 1 February 1991 through 31 January 1992. (Project 768822 - New)

\$20,235.00 - VEDA Incorporated, Warminster, Pennsylvania, Noncooperative Target Recognition Technology Issues, ElectroScience Laboratory, Department of Electrical Engineering (R. L. Moses), 14 December 1990 through 31 May 1991. (Project 768779 - New)

\$20,000.00 - G. D. Searle and Company, Skokie, Illinois, Initial Phase II Efficacy and Safety Study of SC-48334, Department of Internal Medicine (R. J. Fass), 15 November 1990 through 31 December 1991. (Project 768730 - New)

March 1, 1991 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Industrial Research Contracts/Grants (contd)**

\$20,000.00 - Universal Energy Systems, Inc., Dayton, Ohio, Application of Qualitative Process Automation to Batch Reactor Control, Department of Chemical Engineering (W. K. Lee), 1 January 1991 through 15 December 1991. (Project 768806 - New)

\$20,000.00 - Universal Energy Systems, Inc., Dayton, Ohio, The Efficacy of Constrained-Layer Damping Treatment to Suppress Parametric and Autoparametric Resonances in Nonlinear and Internally Resonant Nonlinear Structures, Department of Engineering Mechanics (L. D. Zavodney), 1 January 1991 through 31 December 1991. (Project 768782 - New)

\$19,999.00 - Universal Energy Systems, Inc., Dayton, Ohio, Speaker Normalization Using Neural Networks, Department of Electrical Engineering (A. Krishnamurthy), 1 October 1990 through 30 September 1991. (Project 768800 - New)

\$18,199.00 - General Electric Company, Schenectady, New York, Text Specification for Ultrasonic Crack Discrimination Using Signal Processing Methods, Department of Welding Engineering (P. B. Nagy), 1 December 1990 through 31 May 1991. (Project 768784 - Continuation)

\$15,000.00 - E. I. Du Pont de Nemours & Company, Inc., Wilmington, Delaware, Establishing Embryogenic Suspension Cultures of Asgrow Soybean Cultivars, Department of Agronomy - OARDC (J. J. Finer), 1 September 1990 through 31 August 1991. (Project 768826 - New)

\$15,000.00 - Pfizer, Inc., Groton, Connecticut, A Multicenter, Double-Blind Study of Tenidap Sodium (CP-66,248-2) Alone, Piroxicam Alone, and Piroxicam with Hydroxychloroquine, Department of Internal Medicine (N. P. Hudson), 1 December 1990 through 30 November 1991. (Project 768795 - New)

\$13,842.00 - Sandoz, Inc., East Hanover, New Jersey, ZK112-119 -- Study No. B202, Department of Psychiatry (M. R. Mavissakalian), 1 October 1990 through 30 September 1991. (Project 767779 - Continuation)

\$11,124.40 - Winthrop Pharmaceuticals, New York, New York, Randomized, Double-Blind Comparison of Omnipaque \350 and Renografin \76 in Adult Patients with Normal or Abnormal Renal Function and with or Without Diabetes Mellitus Undergoing Angiocardiology, Department of Internal Medicine (D. B. Van Fossen), 16 February 1991 through 30 June 1991. (Project 767428 - Continuation)

\$8,000.00 - Upjohn Company, Kalamazoo, Michigan, Prophylaxis for Postoperative Infections in Gastric and Biliary Surgery -- Single Dose Cefmetazole Compared to Cefotetan, Department of Internal Medicine (J. F. Plouffe), 1 April 1991 through 31 December 1991. (Project 768246 - Continuation)

\$5,000.00 - Parexel International Corporation, Cambridge, Massachusetts, Prospective, Controlled, Randomized Study Comparing the Efficacy and Safety of Intravenous Ciprofloxacin with Standard Antibiotic Therapy in the Treatment of Selected Tissue Infections, Department of Internal Medicine (S. L. Koletar), 1 November 1990 through 31 July 1991. (Project 768785 - New)

March 1, 1991 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

#### Industrial Research Contracts/Grants (contd)

\$5,000.00 - E. R. Squibb and Sons, Princeton, New Jersey, A Double-Blind, Randomized Trial of the Safety and Efficacy of Captopril Compared to Placebo in the Treatment of Isolated Systolic Hypertension, Department of Family Medicine (R. M. Guthrie), 1 November 1990 through 1 July 1991. (Project 768757 - New)

\$4,860.00 - Brigham and Women's Hospital, Boston, Massachusetts, The Comprehensive Management of Unstable Angina and Non-Q-Wave Myocardial Infarction: The Roles of t-PA and Revascularization, Department of Internal Medicine (R. D. Magorien), 1 August 1990 through 31 July 1991. (Project 768603 - Continuation)

\$3,749.00 - Applied R & D, Olmsted Falls, Ohio, Vertical Multi- Junction Photovoltaic Cell, Department of Electrical Engineering (G. J. Valco), 1 November 1990 through 31 March 1991. (Project 767802 - Continuation)

\$3,359.00 - MGI Pharma, Inc., Minneapolis, Minnesota, A Multicenter, Double-Blind, Placebo-Controlled Evaluation of Pilocarpine HC1 in Head and Neck Cancer Patients for the Treatment of Xerostomia Associated with Radiation Induced Salivary Gland Hypofunction, Community Dentistry (D. E. Jolly), 1 October 1990 through 30 September 1991. (Project 768787 - New)

\$3,352.00 - Cordis Corporation, Miami, Florida, Comparison of Femoral Versus Brachial Arterial Approach to Left Heart and Coronary Catheterization and Angiography, Department of Internal Medicine (C. A. Bush), 1 October 1990 through 30 September 1991. (Project 768729 - New)

\$2,461.50 - Sandoz, Inc., East Hanover, New Jersey, An Open-Label, Multicenter Study to Determine the Safety and Efficiency of Chronic Sandostatin Therapy in Acromegalic Patients, Department of Internal Medicine (W. Malarkey), 18 December 1989 through 31 December 1991. (Project 768123 - Continuation)

TOTAL - INDUSTRIAL AWARDS \$ 472,437.90

#### Other Non-Federal Research Contracts/Grants

\$474,713.00 - Electric Power Research Institute, Palo Alto, California, Investigation of the Risk Factors for Sporadically Occurring Legionnaires' Disease, Department of Internal Medicine (J. F. Plouffe), 1 October 1990 through 31 December 1991. (Project 768684 - New)

\$103,846.00 - Inland Fisher Guide Division, General Motors Corporation/United Auto Workers/The Ohio State University, Columbus, Ohio, IFG/UAW/OSU Cooperative Research Agreement, Department of Industrial and Systems Engineering (G. L. Smith), Academic Affairs Administration (H. L. Gauthier), Department of Psychology (R. S. Billings and R. J. Vance), Academic Faculty of Management and Human Resources (A. E. Reichers and J. Wanous), Department of Economics (L. F. Dunn), Academic Faculty of Labor Education and Research Services (R. M. Montgomery and E. E. Daniels), and Department of Preventive Medicine (C. A. Heaney), 1 July 1990 through 30 September 1991. (Project 767599 - Continuation)

\$90,831.00 - Clemson University, Clemson, South Carolina, Project for Prevention of High School Dropout Through Vocational Education, Center on Education and Training for Employment (R. D. Ryan), 1 February 1991 through 31 July 1992. (Project 767878 - Continuation)

March 1, 1991 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Other Non-Federal Research Contracts/Grants (contd)**

\$90,500.00 - American Cancer Society, Atlanta, Georgia, Efficient Routes for Chemical Synthesis of Anticancer Agents, Department of Chemistry (V. H. Rawal), 1 July 1990 through 30 June 1993. (Project 768777 - New)

\$81,720.00 - Puerto Rico Department of Education, Hato Ray, Puerto Rico, Puerto Rico/OSU Vocational Education Graduate Program Linkage, Department of Agricultural Education (J. M. Cano), 1 September 1990 through 30 August 1991. (Project 768679 - Continuation)

\$60,000.00 - University of Missouri, Rolla, Missouri, Determination of the Standard Free Energy of Formation of Binary Oxide Compounds by EMF Method, Department of Materials Science and Engineering (G. R. St. Pierre), 28 September 1990 through 30 September 1992. (Project 768804 - New)

\$40,000.00 - Muscular Dystrophy Association, New York, New York, Immunosuppressive Therapy and Molecular Abnormalities in Duchenne Dystrophy, Department of Pathology (T. W. Prior), 1 January 1991 through 31 December 1991. (Project 768813 - New)

\$34,000.00 - Bill & Edith Walter Foundation, Columbus, Ohio, Franklin County Plant Information System: Research, Development, and Education, Department of Plant Biology (T. F. Stuessy), 1 January 1991 through 31 December 1992. (Project 768788 - New)

\$32,500.00 - The University of Arizona, Tucson, Arizona, Climatic Variations in the Asian Monsoon Region Since AD 1600: Analysis of High Resolution Paleoclimate Data, Byrd Polar Research Center (L. G. Thompson), 1 October 1990 through 30 September 1991. (Project 768798 - New)

\$32,428.00 - National Live Stock and Meat Board, Chicago, Illinois, Effects of Zinc Antioxidant Proteins on Endotoxemia, Department of Human Nutrition and Food Management (R. A. DiSilvestro), 1 January 1991 through 31 December 1991. (Project 768860 - New)

\$29,994.00 - American Paralysis Association, Springfield, New Jersey, Age Related Effects of Spinal Cord Transection on Penile Reflexes and Associated Neural Substrates, Department of Cellular Biology, Neurobiology, and Anatomy (M. G. Leedy), 31 December 1990 through 30 June 1992. (Project 768801 - New)

\$26,000.00 - Church of the Brethren, Elgin, Illinois, Survey of the Church of the Brethren Mission Activities in Ecuador from 1942 to 1990, Agricultural Technical Institute - General Studies (G. M. Kreps), 1 June 1990 through 30 October 1991. (Project 768747 - New)

\$25,000.00 - California Institute of Technology, Pasadena, California, Altimetry Research in Ocean Circulation, Department of Geodetic Science and Surveying (R. H. Rapp), 1 June 1989 through 30 September 1995. (Project 766536 - Continuation)

\$20,689.00 - The Johns Hopkins University, Baltimore, Maryland, Glaucoma Laser Trial Follow-up Study, Department of Ophthalmology (P. A. Weber), 1 December 1990 through 31 August 1991. (Project 768839 - New)

\$20,394.00 - National Geographic Society, Washington, D.C., Terrane Hypothesis for Patagonia: A Paleomagnetic Test, Byrd Polar Research Center (K. C. Jezek and A. Grunow), 1 December 1990 through 30 November 1992. (Project 768786 - New)

March 1, 1991 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Other Non-Federal Research Contracts/Grants (contd)

\$19,800.00 - North Atlantic Treaty Organization, Brussels, Belgium, Ordered and Turbulent Patterns in Taylor-Couette Flow, Department of Physics (C. D. Andereck), 1 May 1991 through 31 May 1991. (Project 768819 - New)

\$18,500.00 - Seven Members of the National Entrepreneurship Education Consortium, National Entrepreneurship Education Consortium, Center on Education and Training for Employment (R. D. Ryan), 1 July 1990 through 30 June 1991. (Project 768452 - Continuation)

\$15,000.00 - American Cancer Society, Ohio Division, Inc., Dublin, Ohio, Construction and Characterization of a Transforming cDNA Isolated from Chronic Myeloid Leukemia (and Its Normal Counterpart), Department of Internal Medicine (J. C. Lang), 1 November 1990 through 31 October 1991. (Project 768789 - New)

\$15,000.00 - Deafness Research Foundation, New York, New York, Molecular Biology of the Tectorial Membrane, Department of Otolaryngology (D. J. Lim) and Department of Otolaryngology and Biotechnology Program (M. A. Ahmed), 1 January 1991 through 31 December 1991. (Project 768766 - New)

\$11,500.00 - Central Ohio Diabetes Association, Columbus, Ohio, Pancreatic Transplant Endocrine Evaluation, Department of Internal Medicine (K. Osei) and Department of Surgery (M. L. Henry), 1 December 1990 through 30 November 1991. (Project 768758 - New)

\$10,865.00 - Hemophilia Foundation of Michigan, Ann Arbor, Michigan, The Ohio State University Hemophilia Treatment Center, Department of Internal Medicine (S. P. Balcerzak), 1 October 1990 through 30 September 1991. (Project 768725 - Continuation)

\$10,000.00 - Eagles Cancer Fund, Milwaukee, Wisconsin, Phase I Investigations of Anticancer Agents, Department of Internal Medicine (S. P. Balcerzak), 1 January 1991 through 31 August 1991. (Project 768810 - New)

\$9,500.00 - North Atlantic Treaty Organization, Brussels, Belgium, Centrifugal Instabilities in Flow Between Partially Filled Horizontal Rotating Cylinders, Department of Physics (C. D. Andereck), 1 July 1990 through 30 June 1992. (Project 766932 - Continuation)

\$6,000.00 - Columbus Zoo, Powell, Ohio, Response of Cheetahs to Vaccination, Department of Veterinary Clinical Sciences (J. A. E. Hubbell and L. W. Kramer), 1 September 1990 through 31 August 1991. (Project 768502 - Continuation)

\$5,381.00 - American Seed Research Foundation, Inc., Washington, D.C., The Use of Mono- and Polyclonal Based Serodiagnostic Assays for the Detection of Clavibacter-michiganense pv. michiganense Infested Tomato Seed, Department of Plant Pathology - OARDC and Department of Plant Pathology (S. T. Nameth), 1 October 1990 through 30 September 1991. (Project 767847 - Continuation)

\$5,193.00 - March of Dimes Birth Defects Foundation, Central Ohio Chapter, Columbus, Ohio, High Risk Perinatal Project: Teen Pregnancy Program, Department of Pediatrics (L. Cordero), 1 January 1991 through 31 December 1991. (Project 768840 - Continuation)

March 1, 1991 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Other Non-Federal Research Contracts/Grants (contd)**

\$5,089.00 - Central Ohio Diabetes Association, Columbus, Ohio, Levels of Insulin-Like Growth Factor-I and Its Binding Proteins in Subjects with Non-Insulin Dependent Diabetes Mellitus Following an Energy Restricted Diet, Department of Internal Medicine (T. M. O'Dorisio) and School of Allied Medical Professions (B. Bossetti), 15 November 1990 through 14 November 1991. (Project 768727 - New)

\$4,900.00 - American Heart Association, Ohio Affiliate, Inc., Columbus, Ohio, Culinary Hearts Kitchen -- Letter Lessons for a Healthy Heart, Ohio Cooperative Extension Service - County Operations (J. LaMuth), 1 July 1990 through 1 February 1991. (Project 768709 - New)

\$4,000.00 - National Kidney Foundation of Ohio, Inc., Centerville, Ohio, Experimental Model to Evaluate Benign Prostatic Hypertrophy, Department of Surgery (J. R. Drago), 1 October 1990 through 30 September 1991. (Project 768794 - New)

\$4,000.00 - National Kidney Foundation of Ohio, Inc., Centerville, Ohio, The Effects of Angiotensin II on the Production of Fibronectin by Cultured Human Mesangial Cells, Department of Internal Medicine (S. Nahman), 1 October 1990 through 30 September 1991. (Project 768742 - New)

\$4,000.00 - National Kidney Foundation of Ohio, Inc., Centerville, Ohio, The Effect of Chronic Bladder Over Distension on the Diabetic Cystopathic Changes Seen in the Alloxan Induced Diabetic Mellitus Rabbit, Department of Surgery (J. P. York), 1 October 1990 through 30 September 1991. (Project 768728 - New)

\$4,000.00 - Pellissippi State Technical College, Knoxville, Tennessee and Mohegan Community College, Norwich, Connecticut, National Alliance of Community and Technical Colleges, Center on Education and Training for Employment (R. D. Ryan), 1 July 1990 through 30 June 1991. (Project 768414 - Continuation)

\$2,055.94 - University of Minnesota, St. Paul, Minnesota, Technical Assistance to Moroccan Participant, Driss Massahou, on His Dissertation Defense, Department of Agricultural Engineering (R. J. Gustafson), 25 November 1990 through 2 December 1990. (Project 768834 - New)

\$2,012.25 - Columbus Health Department, Columbus, Ohio, HIV-Related Needs: A Regional Analysis, Department of Family Medicine (L. L. Gabel), 15 November 1990 through 31 December 1990. (Project 768169 - Continuation)

\$2,000.00 - Wolfe Associates, Inc., Columbus, Ohio, Franklin County Plant Information System: Research, Development, and Education, Department of Plant Biology (T. F. Stuessy), 1 January 1991 through 31 December 1992. (Project 768788 - Continuation)

\$1,395.00 - Wayne State University, Detroit, Michigan, Role of Cricopharyngeal Myotomy and the Treatment of Dysphagia Following Major Head and Neck Surgery, Department of Otolaryngology (D. E. Schuller), 9 October 1989 through 31 May 1990. (Project 767409 - Continuation)

\$750.00 - The Columbus Foundation, Columbus, Ohio, Franklin County Plant Information System: Research, Development, and Education, Department of Plant Biology (T. F. Stuessy), 1 January 1991 through 31 December 1992. (Project 768788 - Continuation)

March 1, 1991 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Other Non-Federal Research Contracts/Grants (contd)**

Purchased Services - Wayne State University, Detroit, Michigan, Role of Cricopharyngeal Myotomy and the Treatment of Dysphagia Following Major Head and Neck Surgery, Department of Otolaryngology (D. E. Schuller), 1 June 1990 through 31 May 1991. (Project 767409 - Continuation) (Approximate Dollar Value - \$2,925)

TOTAL - OTHER NON-FEDERAL AWARDS \$1,323,556.19

**ENGINEERING EXPERIMENT STATION**

**State Sponsored Research and Development**

\$45,629.00 - from the Ohio Department of Transportation for "Development of Accident Rate Indicator for Intersections Using Cross Road and Turning Volumes," under the direction of the department of Civil Engineering for the period December 1, 1990 through December 1, 1991. (529863)

\$10,000.00 - from the Ohio Department of Development for the "Worth Extra Effort (WE2) Program," under the direction of the Minorities Engineering Program for the period October 25, 1990 through June 30, 1991. (529874)

\$1,000.00 - additional budget on the subcontract with Ohio University/Ohio Coal Consortium project "Handling, Transport and Dispersion of Sorbent Powder for In-furnace Injection," under the direction of the Department of Chemical Engineering for the period June 1, 1990 through May 31, 1991. (529859)

STATE SPONSORED RESEARCH AND DEVELOPMENT \$ 56,629.00

**Industry and Other Sponsored Research and Development**

\$127,049.00 - funding for a subcontract from General Electric, Schenectady, New York, on an EPRI, Palo Alto, California, project entitled "Modeling of Hybrid AC/DC Line Corona," under the direction of the Department of Electrical Engineering for the period January 1, 1991 through March 31, 1991. (529869)

\$41,899.00 - additional support from ASME Gear Research Institute, Naperville, Illinois for "Contact Analysis of Worm Gears," under the direction of the Department of Mechanical Engineering for the period September 1, 1989 through November 30, 1991. (529822, Ext. 1)

\$33,000.00 - from PPG Industries, Pittsburgh, Pennsylvania, a continuation of research project 529835 "Automotive Glass Antenna Development," under the direction of the ElectroScience Lab for the period February 15, 1991 through December 20, 1991. (312559)

\$25,000.00 - additional funding from International Copper Assoc., Ltd. of New York City for "Thermal Characteristics of Copper Alloy Tooling in Plastic Molding," under the direction of the Department of Mechanical Engineering for the period July 1, 1988 through August 31, 1991. (529762, Ext. 4)

March 1, 1991 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**ENGINEERING EXPERIMENT STATION (contd)**

**Industry and Other Sponsored Research and Development (contd)**

\$24,000.00 - additional funding from EPRI of Palo Alto, California for "PWSCC Crack Growth of Alloy 600 Tubing," under the direction of the Department of Materials Science and Engineering for the period April 24, 1987 through April 14, 1991. (312412, Ext. 6)

\$22,821.00 - additional funding from NCR Corp. of Cambridge, Ohio for "Investigation of Wrist Motions Contributing to Carpal Tunnel Syndrome Risk in the Design of Retail scanners," under the direction of the Department of Industrial and Systems Engineering for the period March 1, 1989 through March 31, 1991. (529794)

\$20,000.00 - renewal industrial memberships in the Engineering Research Center for Net Shape Manufacturing under the direction of the Engineering Experiment Station. (529200)

\$20,000.00 - for membership in the Compact Radar Cross Section Measurement Range Research and Development Consortium under the direction of the ElectroScience Lab. (312884)

\$20,000.00 - from Nissan Motor Co., Ltd. of Tokyo, Japan for "Thermostructural Response of Chemically Decomposing Carbon-Phenolic Nozzle Components," under the direction of the Department of Engineering Mechanics for the period January 1, 1991 through December 31, 1991. (529872)

\$20,000.00 - from the Welding Research Council of New York, NY for fellowship support of a graduate student in the Department of Welding Engineering for the period January 1, 1991 through September 30, 1991. (529873)

\$18,500.00 - funding from International Copper Assoc., Ltd., New York, NY for "Thermal and Mechanical Characterization of Copper Alloy Tooling in High Speed Resin Transfer Molding and Structural Reaction Injection Molding," under the direction of the Department of Mechanical Engineering for the period January 1, 1991 through December 31, 1991. This is in conjunction with project 529870 in Chemical Engineering. (529871)

\$18,500.00 - funding from International Copper Assoc., Ltd., New York, NY for this project under the direction of the Department of Chemical Engineering in conjunction with the aforementioned project 529871 for the period of January 1, 1991 through December 31, 1991. (529870)

\$17,500.00 - funding from Chemineer, Inc., Dayton, Ohio, for "Studies in Heat Transfer," under the direction of the Department of Chemical Engineering for the period January 1, 1991 through December 31, 1991. (312560)

\$15,979 from Rio Grande University for a master planting plan for the university of Rio Grande under the department of Landscape Architecture for the period October 1, 1990 through June 30, 1991. (529867)

\$10,633.00 - additional funding from IBM, Owego, New York on "Integrating Component Accumulation and Material Flow to Promote the Efficiency of assembly Operations, under the direction of the Department of Industrial and Systems Engineering for the period May 1, 1988 through March 31, 1991. (529756)

\$8,500.00 - for an industrial membership in the Gear Research Lab under the direction of the Department of Mechanical Engineering. (529735)

March 1, 1991 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

### ENGINEERING EXPERIMENT STATION (contd)

#### Industry and Other Sponsored Research and Development (contd)

\$8,370.00 - from five sponsors of six development projects in one research area of the College.

\$5,000.00 - additional funding from Battelle Columbus Division for technical services under the direction of the Department of Mechanical Engineering for the period May 1, 1990 through March 31, 1991. (312541)

\$2,000.00 - additional funding for the Graphicomp Project under the direction of the Department of Engineering Graphics. (312411)

\$250.00 - additional funding from SEI Engineers, Worthington, Ohio for "Load Frame Testing," under the direction of the Department of Civil Engineering for the period November 1, 1990 through December 31, 1990. (312556)

\$(78,000.00) - reduced from the budget by Snow Aviation, Columbus, Ohio on project "Wind Tunnel Test Program for the Snow 204C Turbo Propeller Aircraft," under the direction of the department of Aeronautical and Astronautical Engineering for the period July 15, 1990 through December 31, 1990. (312546)

TOTAL - INDUSTRY AND OTHER SPONSORED RESEARCH \$381,001.00

### THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

#### Establishment of Named Funds

##### The Ross/Abbott Laboratories Undergraduate Minority Endowment Scholarship Program

The Ross/Abbott Laboratories Undergraduate Minority Endowment Scholarship Program was established March 1, 1991, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from the Abbott Laboratories Fund.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide one or more scholarship(s) for undergraduate minority students in the College of Agriculture with majors in the Department of Food Science and Technology. Selection shall be made by the Chairperson of the Department of Food Science and Technology, or his/her designee, in consultation with the University Committee on Student Financial Aid, with final approval by the Dean of the College of Agriculture.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

March 1, 1991 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Establishment of Named Funds (contd)**

**The United Commercial Travelers Cancer Research  
Endowment Fund**

The United Commercial Travelers Cancer Research Endowment Fund for The Arthur G. James Cancer Hospital and Research Institute was established March 1, 1991, by the Board of Trustees of The Ohio State University, with a gift to The Ohio State University Development Fund from United Commercial Travelers of America.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to support cancer research in The Arthur G. James Cancer Hospital and Research Institute as approved by the Director of The Arthur G. James Cancer Hospital and Research Institute and the Vice President for Health Services.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the Director of The Arthur G. James Cancer Hospital and Research Institute and the Vice President for Health Services in order to carry out the desire of the donor.

**The Alumni Club of Naples, Florida,  
Scholarship Fund Endowment**

The Alumni Club of Naples, Florida, Scholarship Fund Endowment was established March 1, 1991, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from alumni and friends of Naples, Florida.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide scholarships to students from the Naples area. If there are no eligible candidates, the earnings are to be accumulated and awarded in the future. Selection of the scholarship recipients will be made by the Alumni Club of Naples, Florida, in consultation with the University Committee on Student Financial Aid.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donors.

## **REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

### **THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

#### **Establishment of Named Funds (contd)**

##### **The Hillsdale Fund Endowed Aviation Student Award**

The Hillsdale Fund Endowed Aviation Student Award was established March 1, 1991, by the Board of Trustees of The Ohio State University, with a gift to The Ohio State University Development Fund from the Hillsdale Fund, Incorporated, Greensboro, North Carolina.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

Aviation on America's campuses is an emerging area of study, with flight education an important component. Aviation major students pursuing the flight education option incur significant additional expense and demonstrate exceptional dedication and determination. The Hillsdale Fund Endowed Aviation Student Award will recognize this effort, honor excellence, and enhance the education of each recipient.

The annual income from the endowment shall be used for an annual cash award for the benefit of a worthy aviation student(s) who is preparing to become a professional pilot. The annual award is to be made by the Chairperson, Department of Aviation, to a junior- or senior-level aviation major who has excelled in the flight education option.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

##### **The Ralph Wardlow Lucas and Miriam Campbell Lucas Fund for Undergraduate Honors Scholarship Awards**

The Ralph Wardlow Lucas and Miriam Campbell Lucas Fund for Undergraduate Honors Scholarship Awards was established March 1, 1991, by the Board of Trustees of The Ohio State University, with a gift to The Ohio State University Development Fund from Ralph W. Lucas (B.A., Arts and Sciences, '41, Summa Cum Laude, Distinction in History; and J.D. '43, Summa Cum Laude) and Miriam C. Lucas (B.S.Ed. '47) of Columbus, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide scholarship awards to Ohio students enrolled at The Ohio State University. Scholarship awards shall be based upon academic merit and such other criteria as may be adopted from time to time by the University for the administration of the Honors Program. Among those students who meet the basic criteria for a scholarship, preference may be given to students expressing a definite interest in instrumental or vocal music or in a curriculum offered by the College of The Arts, the College of Humanities, or the College of Education. These preferences may nevertheless be waived by the Director, University Honors, for the overall benefit of the Honors Program.

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Establishment of Named Funds (contd)**

**The Ralph Wardlow Lucas and Miriam Campbell Lucas  
Fund for Undergraduate Honors Scholarship Awards (contd)**

Students will be selected by the Director, University Honors, or his/her designee, in consultation with the University Committee on Student Financial Aid. The foregoing directors, agencies, or their designees may, at the request of the donor, consult with the donor regarding selection of students for awards to the extent that the directors in their sole discretion deem such consultation to be compatible with the selection process at the University.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate program administrative officer in order to carry out the desire of the donors.

**The Michael E. McConnell Memorial Scholarship Fund**

The Michael E. McConnell Memorial Scholarship Fund was established March 1, 1991, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from the friends and colleagues of Michael E. McConnell (B.Cer.E. '69, Cum Laude; M.S., Ceramic Engineering, '69; and J.D. '76, Summa Cum Laude) of Toledo, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide financial assistance to one or more students with demonstrated financial need who are enrolled in the College of Law, with first preference being given to law students who live with and financially support dependent children. The award recipient(s) shall be chosen by the Dean of the College of Law, or his/her designee, in consultation with the University Committee on Student Financial Aid.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

**The Orthodontic Research Endowment Fund**

The Orthodontic Research Endowment Fund was established March 1, 1991, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from the Orthodontic Support Fund, the Orthodontic Endowment Support Fund, faculty, and friends of the College of Dentistry's Department of Orthodontics.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Establishment of Named Funds (contd)**

**The Orthodontic Research Endowment Fund (contd)**

The annual income shall be used for funding the following: (a) orthodontic research by students and faculty at The Ohio State University; (b) an exchange program in which orthodontic residents and faculty will participate in research at other universities; and (c) a program that will facilitate visits by scientists from other universities to the OSU Section of Orthodontics for the purpose of conducting collaborative research (usually for a one-year period). The expenditure of income shall be determined by the Chairperson of the Department of Orthodontics and the Dean of the College of Dentistry.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donors.

**Change in Description of Named Fund**

**The Valerie Hessel Scholarship Fund**

The Valerie Hessel Scholarship Fund was established September 2, 1988, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from family, friends, and co-workers in memory of Valerie Hessel (B.A., Social and Behavioral Sciences, '85) of Worthington, Ohio. The description was revised March 1, 1991.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide a scholarship award for an Ohio State University Hospitals' employee who wishes to further his/her education. The funds may be used for whatever purpose the employee requires, i.e., books, babysitting fees, etc. Selection of the recipient shall be made by the University Committee on Student Financial Aid.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate administrative officer in order to carry out the desire of the donors.

March 1, 1991 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY FOUNDATION**

**Approval of Description and Establishment of Fund**

**The Elizabeth M. and Richard M. Ross Endowment  
for Medical Research and Education**

The Elizabeth M. and Richard M. Ross Endowment for Medical Research and Education was established March 1, 1991, by the Board of Trustees of The Ohio State University through funds received by the University from The Ohio State University Foundation for the support of the College of Medicine from Elizabeth M. Ross (B.S.Ed. '40) and Richard M. Ross, (B.F.A. '38) of Columbus, Ohio.

Income provided by the Foundation shall be used to support the research and teaching efforts of young medical faculty who have promise of achieving national prominence. Selection of the faculty and use of the funds will be determined by the Dean of the College of Medicine.

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**EMPLOYMENT OF ARCHITECTS/ENGINEERS AND  
REQUEST FOR CONSTRUCTION BIDS**

Resolution No. 91-99

**CLASSROOM IMPROVEMENTS - PHASE VII;  
CAMPBELL HALL ADDITION; AND  
UNIVERSITY AIRPORT RENOVATION - 1991**

Synopsis: Authorization to employ architects/engineers and request construction bids for the Classroom Improvements - Phase VII, Campbell Hall Addition, and University Airport Renovation - 1991 projects is proposed.

WHEREAS Substitute House Bill 808, enacted by the 118th General Assembly, made capital appropriations for projects for The Ohio State University for the 1990-1992 biennium, of which the Classroom Improvements - Phase VII is a part; and

WHEREAS the total estimated project cost is \$500,000.00, and the total estimated construction cost is \$420,000.00; and

WHEREAS the College of Human Ecology desires to proceed with the Campbell Hall Addition; and

WHEREAS the total estimated project cost is \$3,200,000.00, and the total estimated construction cost is \$2,600,000.00 with one half of the funding to be provided from College of Human Ecology fundraising and the other half from University funds or State capital appropriations; and

WHEREAS the University Airport Administration desires to proceed with additional airport renovation; and

WHEREAS the total estimated project cost is \$1,300,758.00, and the total estimated construction cost is \$1,083,965.00, with funds provided from a Federal Aviation Administration Grant (\$1,170,682.00) and University Airport Funds (\$130,076.00):

March 1, 1991 meeting, Board of Trustees

**EMPLOYMENT OF ARCHITECTS/ENGINEERS AND  
REQUEST FOR CONSTRUCTION BIDS (contd)**

**CLASSROOM IMPROVEMENTS - PHASE VII;  
CAMPBELL HALL ADDITION; AND  
UNIVERSITY AIRPORT RENOVATION - 1991 (contd)**

NOW THEREFORE

BE IT RESOLVED, That the President and/or Acting Vice President for Business and Administration be authorized to select qualified architectural/engineering firms as necessary for these projects and that the fees for these services be negotiated between the firm selected and the University; and

BE IT FURTHER RESOLVED, That the President and/or Acting Vice President for Business and Administration be authorized to request construction bids on these projects in accordance with established University procedures, and if satisfactory bids are received, to award contracts, with all actions to be reported to this Board at the appropriate time.

Mr. Teaford:

Mr. Nichols, I assume that those airport renovations are in accordance with the plan that we saw before?

Mr. Nichols:

That's correct.

Ms. Casto:

I'm concerned about the funding for Human Ecology. Could you explain it to me a little bit better? Half from University Funds or State Capital Appropriations -- that is real vague.

Mr. Nichols:

The agreement that was made with the College, which is a format that has been agreed upon with other colleges, is that when they want to add additional material, basically to the base, that they will raise half of the funds and the University will provide the other half. With regards to the University's half, if that is what you are referring to, the decision has not yet been made whether it will involve internal funds or be part of the Capital Project. That decision will be made in the next few months as we review the entire list of projects that we will potentially take forward in the State Capital Appropriation process. With regards to the gift-half, the large majority of that already is either in hand or has been pledged.

Ms. Casto:

How do you not get confused on which one is which, and which one we are going to use, and are you sure we have it?

Mr. Nichols:

We have the money, but it really depends on whether or not we want to put it on the capital list for the next biennium.

March 1, 1991 meeting, Board of Trustees

**EMPLOYMENT OF ARCHITECTS/ENGINEERS AND  
REQUEST FOR CONSTRUCTION BIDS (contd)**

**CLASSROOM IMPROVEMENTS - PHASE VII;  
CAMPBELL HALL ADDITION; AND  
UNIVERSITY AIRPORT RENOVATION - 1991 (contd)**

Upon motion of Mr. Teaford, seconded by Ms. Casto, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix LXIV for background material and map, page 979.)

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**REQUEST FOR CONSTRUCTION BIDS**

Resolution No. 91-100

**MORRILL AND LINCOLN TOWERS RESIDENCE HALLS  
UPGRADE TREATMENT - PHASES II, III AND IV;  
DODD HALL INTERFACE, PHASE II;  
DODD HALL HVAC SYSTEM MODIFICATIONS;  
COFFEY ROAD AND VETERINARY CLINIC DRIVE REPAIRS; AND  
SCOTT HALL - PHASE IIB**

Synopsis: Authorization to request construction bids for the Morrill and Lincoln Tower Upgrades, Dodd Hall Interface, Phase II, Coffey Road and Veterinary Clinic Drive Repairs and Scott Hall - Phase IIB projects is proposed.

WHEREAS Residence and Dining Halls desires to complete the upgrades to the dormitory sections of Lincoln and Morrill Towers; and

WHEREAS the total estimated project cost for the three phases is \$11,206,250.00, and the total estimated construction cost is \$10,187,500.00, with funding provided from dormitory revenues through a line of credit from the Treasurer's Office; and

WHEREAS the University Hospitals desires to complete the remodeling of the third and fourth floors of Dodd Hall; and

WHEREAS the total estimated project cost for this phase is \$1,250,000.00, and the total estimated construction cost is \$1,056,400.00, with funding provided by the University Hospitals; and

WHEREAS the University Hospitals desires to complete the HVAC modification and upgrade of the third and fourth floors of Dodd Hall; and

WHEREAS the total estimated project cost for this phase is \$1,250,000.00, and the total estimated construction cost is \$1,089,026.00, with funding provided by the University Hospitals; and

WHEREAS Substitute House Bill 808, enacted by the 118th General Assembly, made capital appropriations for projects for The Ohio State University for the 1990-1992 biennium, of which the Coffey Road and Veterinary Clinic Drive Repairs is a part; and

March 1, 1991 meeting, Board of Trustees

**REQUEST FOR CONSTRUCTION BIDS (contd)**

**MORRILL AND LINCOLN TOWERS RESIDENCE HALLS  
UPGRADE TREATMENT - PHASES II, III AND IV;  
DODD HALL INTERFACE, PHASE II;  
DODD HALL HVAC SYSTEM MODIFICATIONS;  
COFFEY ROAD AND VETERINARY CLINIC DRIVE REPAIRS; AND  
SCOTT HALL - PHASE IIB (contd)**

WHEREAS the total estimated project cost is \$150,000.00, and the total estimated construction cost is \$137,000.00; and

WHEREAS the University desires to complete the relocation of the Byrd Polar Research Center and the temporary relocation of portions of Geology and Mineralogy to Scott Hall; and

WHEREAS the total estimated project cost for this phase is \$905,000.00, and the total estimated construction cost for this phase is \$750,000.00, with funding provided from University funds:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Acting Vice President for Business and Administration be authorized to request construction bids on these projects in accordance with established University procedures, and if satisfactory bids are received, to award contracts, with all actions to be reported to this Board at the appropriate time.

Mr. Teaford:

Mr. Nichols, the first project is funded by dorm funds and the next two projects are funded by Hospitals funds, then where are the sources for funds for the last two?

Mr. Nichols:

The last two projects: the Coffey Road and Veterinary Clinic Drives are funds from the Capital Bill, the basic renovation bill; and the Byrd Polar Research Center is general revenue funds from within the University.

Mr. Teaford:

The Morrill Tower is that a reduction from 16 to 8 people suites?

Mr. Nichols:

Yes, that is included in it.

Upon motion of Mr. Teaford, seconded by Mr. Shumate, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix LXV for background material, page 983.)

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**PURCHASE OF REAL PROPERTY**

Resolution No. 91-101

**EASTERN OHIO RESOURCE DEVELOPMENT CENTER  
40 ACRES IN NOBLE COUNTY, OHIO**

Synopsis: Authorization to purchase approximately 40 acres of land in Noble County for OARDC's Eastern Ohio Resource Development Center is proposed.

WHEREAS The Ohio State University has been presented with an opportunity to purchase a 40-acre tract of land located in Noble Township of Noble County and situated adjacent to the University's Eastern Ohio Resource Development Center operated by the Ohio Agricultural Research and Development Center; and

WHEREAS the property has an appraised value of \$12,000.00 and the owner, Ms. Arlene Lee of North Laurence, Ohio, has offered to sell the property to the University for that amount; and

WHEREAS funds for this purchase will be provided by OARDC; and

WHEREAS the appropriate University offices have determined that the purchase of this property is in the best interest of the University:

**NOW THEREFORE**

BE IT RESOLVED, That the President and/or Acting Vice President for Business and Administration be authorized to purchase, in the name of the State of Ohio for the use of The Ohio State University, the above described 40 acres of unimproved real property at a price not to exceed \$12,000.00, upon such terms and conditions as are deemed to be in the best interest of the University, subject to the University receiving the necessary approvals from the Ohio Board of Regents and the State Controlling Board.

Upon motion of Mr. Teaford, seconded by Ms. Casto, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix LXVI for background material and map, page 985.)

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Mr. Teaford:

Yesterday, the Fiscal Affairs Committee met with the Auditors of the University, Deloitte & Touche and Parmes and Company, and were very satisfied with the report we received. We were advised that in every way the University's fiscal affairs are in order and that the quality of persons working in that area of the University has significantly improved over the five years that our current auditors have been with us. We also thanked our auditors, Deloitte & Touche, for their work over the last five years. Unfortunately, the State Auditor has a rule which says that we have to change auditors every five or six years. So we will now have to begin the unfortunate process of having to reeducate an auditor, because, of course, there are no auditors in the world who have ever audited an operation like this one. We really did receive very outstanding service from that firm over the last five years, and I would like that noted in the record.

March 1, 1991 meeting, Board of Trustees

**ACCEPTANCE OF THE REPORT OF AUDIT  
RECOMMENDATIONS AND RESPONSES FOR 1989-90**

Resolution No. 91-102

Synopsis: The report of the audit recommendations and responses for The Ohio State University for 1989-90 conducted by Deloitte & Touche is recommended for acceptance.

WHEREAS in August 1985, with the approval of the Auditor of State, The Ohio State University entered into a four-year agreement with the then Touche Ross and Co. (now Deloitte & Touche) for an annual audit of the University for fiscal years 1985-86 through 1988-89 and the Auditor of State approved renewal of the contract for fiscal year 1989-90; and

WHEREAS the Deloitte & Touche audit of the University for 1989-90, meeting the requirements of the Auditor of State, has been received and the accounts, records, files, and reports of the University have been found to be in satisfactory condition, but certain recommendations have been included in the audit report; and

WHEREAS the auditors' recommendations have been studied by the appropriate University offices, and procedures and responses have been developed as a result of the recommendations:

NOW THEREFORE

BE IT RESOLVED, That the report of the Deloitte & Touche audit for The Ohio State University for 1989-90 (including the report on the audit of the University's financial statements; the summary letter to the Board of Trustees; the management letters of recommendations for the University and, separately, the University Hospitals; and the Ohio Revised Code compliance letter) and the management responses to the recommendations be accepted.

Upon motion of Mr. Teaford, seconded by Mr. Shumate, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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Thereupon the Board adjourned to meet Friday, April 5, 1991, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio.

Attest:

Madison H. Scott  
Secretary

Shirley D. Bowser  
Chairperson

**APPENDIX LXI**

**THE OHIO STATE UNIVERSITY ENDOWMENT SUMMARY  
February 15, 1991**

**Presented to the Investments Committee and  
Adopted by the Board of Trustees, March 1, 1991  
(See page 907)**

**THE OHIO STATE UNIVERSITY**  
**ENDOWMENT FUND**

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**ENDOWMENT SUMMARY**

**February 15, 1991**

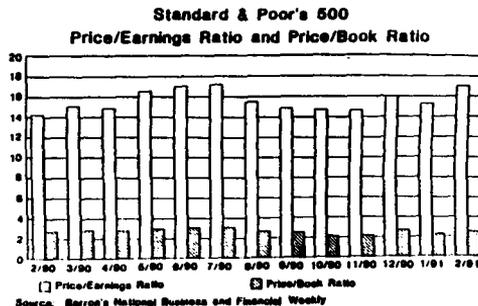
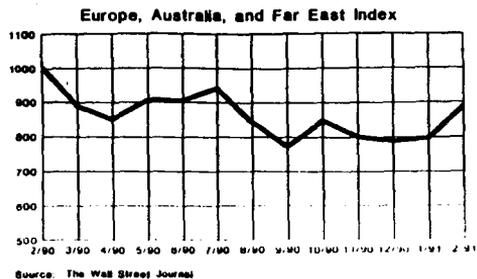
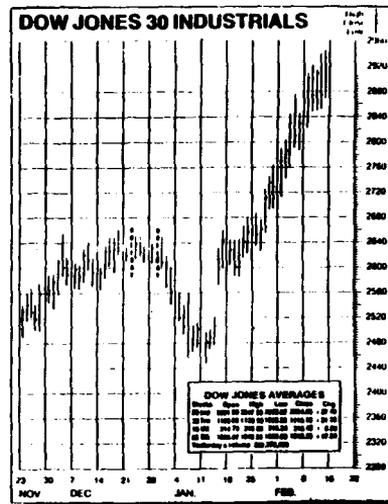
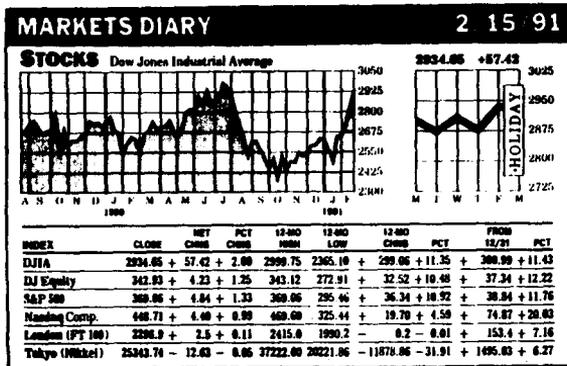
**Office of the Treasurer**



# The Ohio State University Endowment Fund

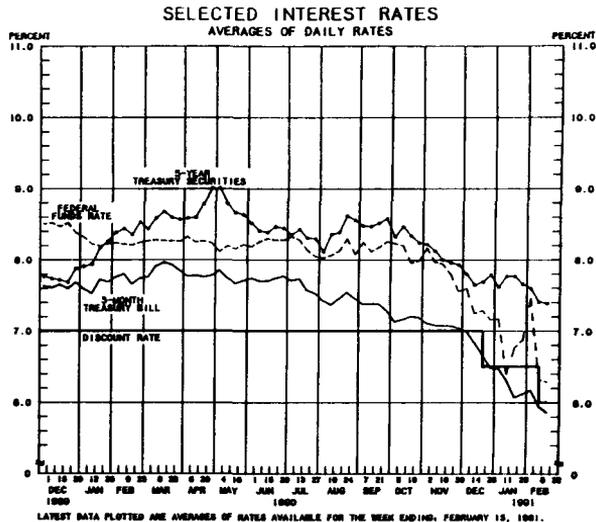
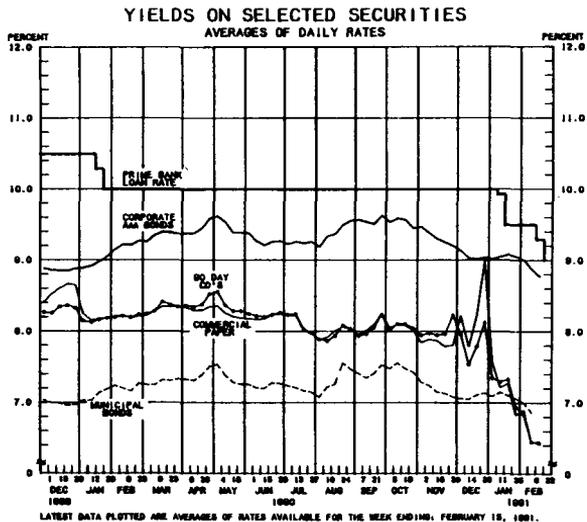
## Equity Market Information

935



# The Ohio State University Endowment Fund

## Selected Yield and Interest Rates



956

	90-DAY T-BILL	30-DAY COMMERCIAL PAPER	90-DAY TREASURY ACCEPTANCES	CORPORATE AA BOND	CORPORATE BAA BOND	MUNICIPAL BOND
1991						
DEC. 7	7.96	8.23	7.68	8.13	10.46	7.06
14	7.54	7.70	7.33	8.03	10.37	7.05
21	7.79	8.23	7.80	8.02	10.44	7.11
28	8.13	8.01	7.95	8.04	10.47	7.14
JAN. 4	7.35	7.57	7.08	8.02	10.38	7.08
11	7.30	7.23	7.05	8.05	10.51	7.13
18	7.33	7.27	7.13	8.08	10.51	7.08
25	6.94	6.83	6.78	8.05	10.44	7.06
FEB. 1	6.84	6.80	6.87	8.00	10.34	7.00
8	6.43	6.44	6.28	8.87	10.13	6.96
15	6.43	6.46	6.28	8.77	10.01	N.A.
22						

NOTE: CURRENT DATA APPEAR IN THE BOARD OF GOVERNORS' H-15 RELEASE.  
 H-15 AVERAGES OF RATES AVAILABLE.  
 90-DAY T-BILL'S AVERAGE INDEX OF 30 MUNICIPAL BONDS, THURSDAY DATA  
 N.A. = NOT AVAILABLE.

	FEDERAL RESERVE	3-MONTH TREASURY BILL	6-MONTH TREASURY BILL	1-YEAR TREASURY BILL	5-YEAR TREASURY SECURITIES	LONG-TERM TREASURY SECURITIES
1991						
DEC. 7	7.90	8.89	8.96	8.78	7.80	8.35
14	7.23	8.83	8.74	8.24	7.85	8.18
21	7.29	8.88	8.77	8.38	7.98	8.23
28	7.18	8.48	8.37	8.11	7.78	8.35
JAN. 4	7.17	8.47	8.48	8.37	7.82	8.21
11	6.40	8.21	8.51	8.30	7.77	8.41
18	6.77	8.07	8.21	8.22	7.77	8.35
25	6.86	8.12	8.18	8.18	7.68	8.23
FEB. 1	7.46	8.17	8.28	8.18	7.80	8.23
8	6.32	8.04	8.04	8.07	7.41	8.05
15	6.28	8.06	8.05	8.04	7.30	8.01
22						

NOTE: CURRENT DATA APPEAR IN THE BOARD OF GOVERNORS' H-15 RELEASE EXCLUDING LONG-TERM TREASURY SECURITIES WHICH ARE COMPUTED BY THIS BANK. TREASURY BILL YIELDS ARE ON A DISCOUNT BASIS.  
 H-15 AVERAGES OF RATES AVAILABLE.  
 90-DAY T-BILL'S AVERAGE INDEX OF 30 MUNICIPAL BONDS, THURSDAY DATA  
 N.A. = NOT AVAILABLE.

**THE OHIO STATE UNIVERSITY**  
**Portfolio Summary**

	<u>2/15/91</u>	<u>1/18/91</u>	<u>6/30/90</u>
Unallocated Cash	\$12,838,210	\$8,240,102	\$26,394,640
<b>Equities:</b>			
Chicago	40,899,905	36,265,464	38,632,387
R. Meeder	12,894,066	10,341,978	13,001,471
Neuberger & Berman	14,716,075	13,189,755	14,170,710
Nicholas Applegate	21,764,996 [1]	18,776,965	15,494,958
Siebel	35,897,484	32,401,480	36,744,939
University Administered	34,241,712	30,057,856	33,379,715
University Students	5,982,939	5,298,208	5,622,381
Wells Fargo EAFE	8,844,403	7,951,871	9,088,214
Wells Fargo S&P 500	40,485,926 [2]	36,417,160	30,747,343
<b>Total Equities</b>	<u>215,707,506</u>	<u>190,680,737</u>	<u>196,882,118</u>
<b>Fixed Income:</b>			
Boatmen's Trust	30,193,850 [3]	29,511,088	23,329,632
Cambridge	0 [4]	0	921,596
Duff & Phelps	10,558,565	10,429,003	10,142,463
WR Lazard	15,363,859 [1]	15,172,892	9,888,684
STW Fixed Income	29,638,076 [3]	29,008,781	23,393,709
University GNMA	13,038,891 [5]	12,850,923	10,088,124
University Administered	178,241	182,780	289,044
<b>Total Fixed Income</b>	<u>98,971,482</u>	<u>97,155,467</u>	<u>78,053,252</u>
<b>Real Estate</b>	<u>43,856,397</u>	<u>43,858,016</u>	<u>43,869,131</u>
<b>TOTAL INVESTMENT POOL</b>	<u>\$371,373,595</u>	<u>\$339,934,322</u>	<u>\$345,199,141</u>
Less amounts invested for:			
University Foundation	(18,110,000)	(16,689,202)	(16,383,204)
Transportation Research Center	(6,485,826)	(3,999,501)	(6,935,639)
<b>TOTAL ENDOWMENT FUND</b>	<u>\$346,797,769</u>	<u>\$319,245,619</u>	<u>\$321,880,298</u>

Asset Allocation	% of		% of		% of	
	<u>2/15/91</u>	<u>Portfolio</u>	<u>1/18/91</u>	<u>Portfolio</u>	<u>6/30/90</u>	<u>Portfolio</u>
Equities	\$200,781,739	54.06	\$176,975,930	52.06	\$183,764,582	53.23
Fixed Income	98,118,665	26.42	96,255,203	28.32	77,004,000	22.31
Real Estate	43,856,397	11.81	43,858,016	12.90	43,869,131	12.71
Cash	28,616,794	7.71	22,845,173	6.72	40,561,428	11.75
<b>Total</b>	<u>\$371,373,595</u>	<u>100.00</u>	<u>\$339,934,322</u>	<u>100.00</u>	<u>\$345,199,141</u>	<u>100.00</u>

\* Commitment increased \$6,000,000 on November 15, 1990.

[2] Commitment increased \$7,500,000 on November 15, 1990.

[3] Commitment increased \$6,000,000 on October 12, 1990.

[4] Investment Advisory Agreement terminated on November 15, 1990.

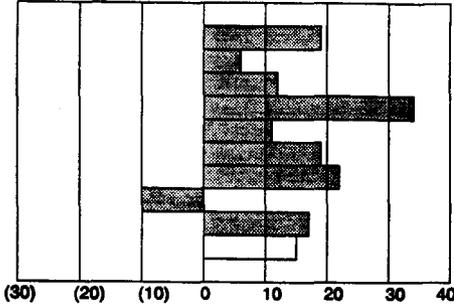
[5] Commitment increased \$2,500,000 on December 13, 1990.

## THE OHIO STATE UNIVERSITY Endowment Performance Summary

### Estimated 12 Month Total Return

#### Equities

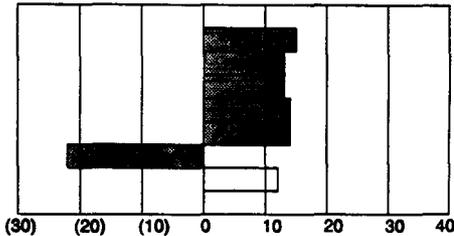
Chicago Corp (2.9)  
R. Meeder (0.1)  
Neuberger & Berman (0)  
Nicholas Applegate (1.9)  
Steibel (34.9)  
University Administered (0)  
University Students (12.6)  
Wells Fargo EAFE (0)  
Wells Fargo S&P 500 (0)  
S&P 500 (0)



Yield%	Market Value		Total Return%
	Change%	Total	
2.4	16.6	19.0	
2.5	3.2	5.7	
3.0	9.2	12.2	
1.3	32.3	33.6	
4.0	7.0	11.0	
2.6	16.3	18.9	
2.3	19.3	21.6	
2.3	(12.0)	(9.7)	
3.8	13.3	17.1	
3.8	10.9	14.7	

#### Fixed Income

men's Trust (0.8)  
Duff & Phelps (1.1)  
WR Lazard (0.2)  
STW Fixed Income (0.1)  
University GNMA (3.4)  
University Administered (0)  
Shearson Govt/Corp (0)



Yield%	Market Value		Total Return%
	Change%	Total	
7.1	8.3	15.4	
8.6	4.3	12.9	
8.7	4.3	13.0	
9.1	4.5	13.6	
9.5	4.7	14.2	
23.2	(44.7)	(21.5)	
9.1	3.3	12.4	

( ) Percent Cash 2/15/91

	Year to Date July 1, 1990 to <u>February 15, 1991</u>	Latest Month January 19, 1991 to <u>February 15, 1991</u>
<u>Change in Total Valuation</u>		
Beginning Market Value	\$321,880,298	\$319,245,619
Principal Additions	15,968,266	2,398,622
Principal Withdrawals	(152,977)	(44,500)
Income Reserve	(780,433)	0
Change in Market Value	<u>9,882,615</u>	<u>25,198,028</u>
Ending Market Value	<u>\$346,797,769</u>	<u>\$346,797,769</u>

NOTE: Endowment Income from July 1, 1990 through February 28, 1991 totaled approximately \$10,136,000.

**THE OHIO STATE UNIVERSITY**  
**Maturities and**  
**Real Estate Activity**

**MATURITIES THAT OCCURRED DURING PERIOD**

<u>Par Value</u>	<u>Issue, Coupon, Maturity</u>	<u>Advisor</u>
------------------	--------------------------------	----------------

No maturities during the period.

**REAL ESTATE**

**Acquisitions & Sales**

**Description**

**Cost or**  
**Appraised Value**

No activity during the period.

**THE OHIO STATE UNIVERSITY**  
**Equity Acquisitions**

Purchases and Gifts During Period

<u>Number of Shares</u>	<u>Company</u>	<u>Advisor</u>	<u>Price/Share</u>	<u>Investment</u>	<u>Annual Dividend</u>
2,100	Atlantic Southeast Airlines, Inc.	Chicago	28.4005	\$59,641.05	\$840.00
1,500	Crane Co.	Chicago	23.4000	35,197.50	1,125.00
600	Dean Foods Co.	Chicago	43.1250	25,914.00	396.00
1,700	Gerber Products Corp.	Chicago	58.7500	99,985.50	2,040.00
600	Hershey Foods Corp.	Chicago	39.5000	23,739.00	468.00
1,000	MAPCO, Inc.	Chicago	39.7500	39,815.00	1,000.00
6,100	National Medical Enterprises	Chicago	45.4110	277,403.60	4,392.00
1,500	Oklahoma Gas & Electric Co.	Chicago	39.0000	58,597.50	3,720.00
1,400	Pennsylvania Power & Light Co.	Chicago	43.6250	61,166.00	4,172.00
9,200	Pepsico, Inc.	Chicago	30.1250	277,748.00	3,680.00
1,200	Premier Industrial Corp.	Chicago	26.6636	32,074.32	480.00
1,200	U.S. West, Inc.	Chicago	39.5000	47,478.00	2,400.00
700	Western Waste Industries, Inc.	Chicago	21.2500	14,875.00	0.00
1,300	Westinghouse Electric Corp.	Chicago	30.0000	39,084.50	3,120.00
1,900	Wetterau, Inc.	Chicago	27.7500	52,725.00	1,216.00
5,600	Delta Air Lines, Inc.	Nicholas-Applegate	68.2777	382,691.20	9,520.00
40,000	Oracle Systems Corp.	Nicholas-Applegate	10.3596	414,385.90	0.00
8,000	Safety-Kleen Corp.	Nicholas-Applegate	43.8729	351,463.40	3,200.00
7,900	Stride Rite Corp.	Nicholas-Applegate	36.7431	290,744.49	3,160.00
8,000	Student Loan Marketing Asn. Non-Voting	Nicholas-Applegate	52.4750	420,280.00	4,160.00
27,000	Tele-Communications Inc., Cl. A	Nicholas-Applegate	15.3549	414,582.50	0.00
20,000	US Air Group, Inc.	Nicholas-Applegate	20.1528	404,256.00	2,400.00
3,100	AMR Corp.	Siebel	52.5000	162,750.00	0.00
6,500	American Tel & Tel Co.	Siebel	32.0950	209,072.50	8,580.00
39,500	MBNA Corp.	Siebel	22.5000	888,750.00	0.00
1,000	Merck & Company, Inc.	University Students	99.5000	99,800.00	2,240.00
1,000	Nike, Inc.	University Students	49.1250	49,185.00	800.00
2,000	Philip Morris Companies, Inc.	University Students	60.2312	120,862.50	3,440.00

Continued next page

**THE OHIO STATE UNIVERSITY**  
**Equity Acquisitions**

Purchases and Gifts During Period (continued)

<u>Number of Shares</u>	<u>Company</u>	<u>Advisor</u>	<u>Price/Share</u>	<u>Investment</u>	<u>Annual Dividend</u>
7,610	Banc One Corp.*	University Administered	26.7480	\$203,552.50	\$7,914.40
50	Dianey (Walt) Co.*	University Administered	101.8126	5,090.83	29.00
250	Huntington Bancshares*	University Administered	12.2500	3,062.50	200.00
8,511	La-Z-Boy Chair Co.*	University Administered	17.4375	148,410.56	4,766.16
100	Limited, Inc.*	University Administered	18.8125	1,881.25	24.00
734	PDC&J Performance Fund*	University Administered	13.6176	10,000.00	0.00
400	Worthington Industries, Inc.*	University Administered	22.6250	9,050.00	240.00
				<u>\$6,734,914.90</u>	<u>\$79,722.56</u>

\*Gift

**THE OHIO STATE UNIVERSITY**  
**Equity Sales**

Sales Made During Period

<u>Number of Shares</u>	<u>Company</u>	<u>Advisor</u>	<u>Price/Share</u>	<u>Total Sale</u>	<u>Gain (Loss)</u>
12,600	Alberto-Culver Co., Cl. A.	Chicago	23.0030	\$289,009.13	\$132,037.13
6,200	Alco Standard Corp.	Chicago	35.2500	218,139.71	51,886.71
6,200	Consolidated Papers, Inc.	Chicago	36.0248	223,352.64	10,292.64
15,400	General Binding Corp.	Chicago	13.1483	202,484.10	(130,128.30)
5,300	Knight Ridder, Inc.	Chicago	51.0981	270,455.71	9,661.21
7,500	Luby's Cafeterias, Inc.	Chicago	17.7092	132,327.07	11,749.05
7,700	McDonalds Corp.	Chicago	29.8750	229,529.33	54,122.83
11,900	Russell Corp.	Chicago	21.1798	251,257.18	61,690.18
4,500	Stride Rite Corp.	Chicago	38.8750	174,839.16	62,107.66
7,600	Autodesk, Inc.	Nicholas-Applegate	43.4500	330,220.00	(28,091.00)
5,500	Becton Dickinson & Co.	Nicholas-Applegate	67.4010	370,363.14	(12,770.96)
4,500	Betz Laboratories, Inc.	Nicholas-Applegate	40.3447	181,531.30	17,862.99
14,000	Blockbuster Entertainment Corp.	Nicholas-Applegate	25.0381	349,681.49	35,893.37
15,900	Chiquita Brands International, Inc.	Nicholas-Applegate	32.1679	510,498.14	78,926.04
2,400	Costco Wholesalers Corp.	Nicholas-Applegate	56.1562	134,775.00	54,077.08
6,800	Genentech, Inc.	Nicholas-Applegate	26.3055	178,463.32	4,805.72
5,200	Home Depot, Inc.	Nicholas-Applegate	42.4490	220,415.44	95,926.62
800	Intel Corp.	Nicholas-Applegate	43.5900	34,872.00	9,320.76
43,300	Maxus Energy Corp.	Nicholas-Applegate	7.7162	331,501.04	(127,796.96)
5,400	Pittson Co.	Nicholas-Applegate	14.0000	75,273.48	(29,853.23)
14,600	Air & Water Technology, Inc.	Siebel	23.3310	339,599.24	(872.76)
30,000	American Express Co.	Siebel	25.0997	750,864.89	(87,665.11)
3,000	Microsoft Corp.	University Students	90.7500	272,070.00	56,640.00
7,500	Toys-R-Us, Inc.	University Students	27.7500	207,368.06	(22,306.94)
5,000	Unum Corp.	University Students	59.0000	294,490.16	46,177.66
9,148	Standard Products Co.*	University Administered	12.7500	116,241.76	237.24
50	Walt Disney*	University Administered	100.3750	5,008.58	(82.05)
491	Phillip Morris*	University Administered	51.8750	25,420.68	1,453.74
1,056	PPG Ind.*	University Administered	50.0000	52,766.24	626.40
				<u>\$6,772,617.99</u>	<u>\$355,927.72</u>

\*Gift

**THE OHIO STATE UNIVERSITY**  
**Fixed Income Acquisitions**

Purchases and Gifts During Period

<u>Par Value</u>	<u>Issue, Coupon, Maturity</u>	<u>Advisor</u>	<u>Current Yield</u>	<u>Yield to Maturity</u>	<u>Price</u>	<u>Investment</u>
1,880,000	U.S. Treasury Bond 9.250% 02-15-16	STW	8.23%	8.09%	112.3437	<u>\$2,112,062.50</u> <u>\$2,112,062.50</u>

**THE OHIO STATE UNIVERSITY**  
**Fixed Income Sales**

Sales Made During Period

<u>Per Value</u>	<u>Issue, Coupon, Maturity</u>	<u>Advisor</u>	<u>Price</u>	<u>Total Sale</u>	<u>Gain (Loss)</u>
2,325,000	U.S. Treasury Bond 7.250% 05-15-16	STW	91.3694	<u>\$2,124,338.55</u>	<u>\$218,811.21</u>
				<u>\$2,124,338.55</u>	<u>\$218,811.21</u>

**THE OHIO STATE UNIVERSITY**  
**Real Estate Investments**

	<u>Yield</u>	<u>Year</u> <u>Acquired</u>	<u>Carrying</u> <u>Value</u>	<u>Appraised</u> <u>Value</u>	<u>Date</u> <u>Appraised</u>
Busch Boulevard Centre	7.71%	1990	\$4,275,000	\$4,275,000	10/89
46.984 acres of land in Delaware County	0.35%	1971	100,793	641,000	06/89
Hangar at Don Scott Field (Loan)	0.00%	1973	18,664 (1)	18,664	N/A
Hangar addition at Don Scott Field (Loan)	10.00%	1978	59,233 (1)	59,233	N/A
17.92 acres of land on Elterman Road	0.00%	1978	25,152	725,000	05/88
51 acres of land, 2809 West Granville Road	0.00%	1962	160,265	2,896,000	06/89
48.52 acres of land, 3025 West Granville Road	0.00%	1972	544,398	4,367,000	06/89
76.143 acres of land, 3253 West Granville Road	0.00%	1968	310,538	6,853,000	06/89
30.539 acres of land, 3371 West Granville Road	0.00%	1971	265,079	2,749,000	06/89
32 acres of land, 3371 West Granville Road	0.13%	1986	2,078,666	2,890,000	06/89
12 acres of land, 3483 West Granville Road	0.00%	1965	24,000	1,080,000	06/89
8.557 acres of land, 3505 West Granville Road	0.00%	1968	17,114	770,000	06/89
Undivided one-half interest in building and .65 acres at 1375 South Hamilton Road	14.74%	1986	95,000	95,000	01/86
94.5 acres of land on Harrisburg Pike	0.00%	1966	190,000	283,000	06/89
Building and 2.633 acres at 1900 Kenny Road	10.25%	1962	659,930	1,250,000	06/89
Building and 6.41 acres at 1960 Kenny Road	14.30%	1971	1,320,893	2,500,000	06/89
Building and 6.328 acres at 1961 Kenny Road	3.11%	1968	170,000	696,000	06/89
Building and 3.295 acres at 930 Kinnear Road	5.96%	1961	435,204	1,560,000	06/89
Building and 5.56 acres at 1100 Kinnear Road	3.74%	1964	825,000	2,650,000	06/89
20.988 acres of land on Shier-Rings Road	0.00%	1978	241,848	1,155,000	08/89
Veterans Administration Clinic	2.15%	1979	3,767,261	6,363,500	06/90
			<u>\$15,583,838</u>	<u>\$43,856,397</u>	

(1) Amount represents balance on loan made to Department of Aviation



Office of the Treasurer

Riverwatch Tower - Suite B  
364 West Lane Avenue  
Columbus, OH 43201-1002  
Phone 614-292-6261

**MEMORANDUM**

**SUBJECT:** Proxy Solicitations

**DATE:** February 28, 1991

**FROM:** James L. Nichols, Treasurer

**TO:** Board of Trustees, The Ohio State University

During the month of February 1991, the University voted nine proxies.

Management proposals were as follows:

- 1) Election of the Board of Directors;
- 2) Ratification of the independent auditors;
- 3) Approval of the 1990 Stock Option Plan;
- 4) Approval of Directors' Stock Option Plan;
- 5) Adoption of 1991 Stock Incentive Plan;
- 6) Approval of Leveraged Equity Purchase Plan;
- 7) Approval of Non-Employee Director Stock Option Plan;
- 8) Permit increase of the number of shares of Class A and Class B common stock;
- 9) Ratification of an extension to the company's Employee Stock Purchase Plan and approval of an amendment to modify eligibility requirements for directors and executive officers.

The shareholder proposal was as follows:

- 1) Establish annual election of Directors.

The University voted for all Management proposals and against the shareholder proposal. Additionally, Management opposed the shareholder proposal.

The nine corporations were:

- 1) ADC Telecommunications, Incorporated
- 2) Helmerich & Payne, Incorporated
- 3) Kasler Corporation
- 4) Novell, Incorporated
- 5) People's Energy Corporation
- 6) Shoney's Incorporated
- 7) Tyson Foods, Incorporated
- 8) The Valspar Corporation
- 9) The Walt Disney Company

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**APPENDIX LXII**

**1990 NACUBO ENDOWMENT STUDY**

**Presented to the Investments Committee and  
Adopted by the Board of Trustees, March 1, 1991  
(See page 907)**

**THE OHIO STATE UNIVERSITY  
ENDOWMENT FUND**

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**1990 NACUBO ENDOWMENT STUDY**

**Office of the Treasurer**



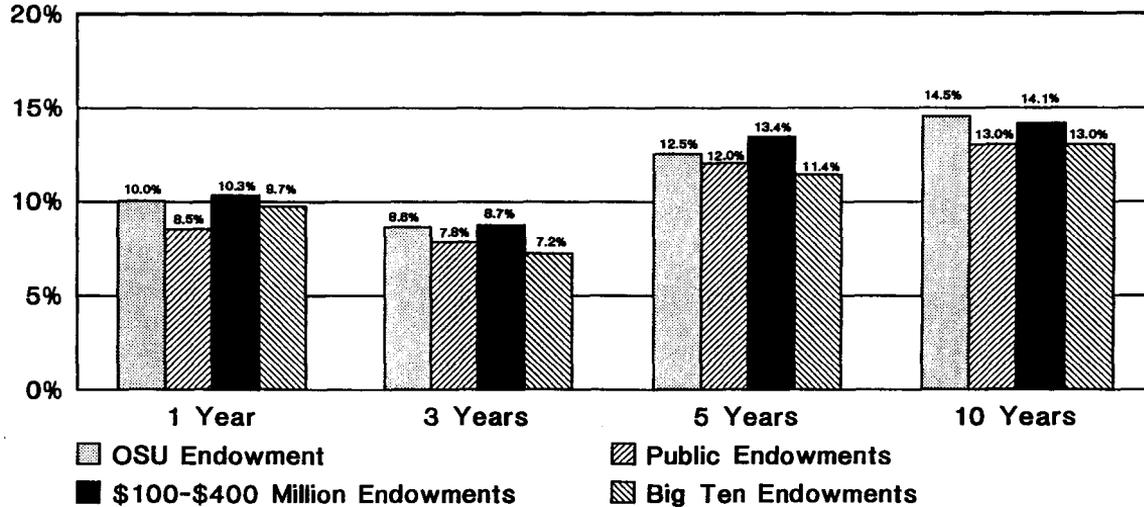
**NACUBO ENDOWMENT STUDY  
INSTITUTIONS RANKED BY 1990 MARKET VALUE OF ENDOWMENT ASSETS**

<u>Rank</u>	<u>Institution</u>	<u>Endowment Assets as of 6/30/90 (000s)</u>	<u>Rank</u>	<u>Institution</u>	<u>Endowment Assets as of 6/30/90 (000s)</u>
1	Harvard	\$4,653,229	51	Berea	\$ 271,114
2	Texas System	3,731,826	52	Wesleyan	270,958
3	Yale	2,570,892	53	Amherst	269,441
4	Princeton	2,527,140	54	Baylor	250,377
5	Stanford	2,053,128	55	Lahigh	244,043
6	Columbia	1,494,938	56	Georgetown	242,255
7	MIT	1,404,588	57	Vassar	240,670
8	Washington University	1,365,854	58	Rensselaer Polytechnic	240,078
9	Emory	1,153,875	59	Tulane	233,417
10	Chicago	1,074,505	60	Oberlin	229,515
11	Rice	1,068,633	61	Middlebury	227,488
12	Northwestern	983,556	62	Kansas	226,008
13	Cornell	926,900	63	Florida Foundation	218,559
14	Pennsylvania	808,409	64	Lafayette	206,081
15	Notre Dame	605,630	65	Georgia Institute of Tech	200,446
16	Vanderbilt	603,708	66	Thomas Jefferson	196,033
17	Dartmouth	593,952	67	Saint Louis	188,134
18	Rochester	589,007	68	Pennsylvania State	180,457
19	Johns Hopkins	560,478	69	Boston University	180,272
20	Rockefeller	544,274	70	Mount Holyoke	180,000
21	New York University	542,672	71	Nebraska	178,213
22	Cal Tech	523,729	72	Carleton	175,793
23	USC	495,595	73	Minnesota Foundation	173,899
24	Virginia	487,007	74	Miami	170,978
25	Duke	472,923	75	Purdue	170,760
26	Michigan	448,209	76	University of Washington	170,071
27	Brown	425,750	77	North Carolina at Chapel Hill	169,082
28	Case Western Reserve	421,820	78	Rochester Institute of Tech	165,807
29	Wellesley	374,127	79	Washington State	165,386
30	Delaware	360,278	80	Syracuse	165,042
31	Southern Methodist	355,322	81	Principia	160,922
32	Smith	341,927	82	Northeastern	157,237
33	Swarthmore	336,014	83	Tufts	155,615
34	Ohio State	321,880	84	Alabama System	155,000
35	Macalester	320,127	85	Bryn Mawr	154,602
36	Wake Forest	318,511	86	Rush	154,410
37	Williams	314,679	87	Brandeis	153,137
38	Cincinnati	314,461	88	Bowdoin	151,744
39	Tulsa	309,769	89	SUNY at Buffalo	149,632
40	Loyola	309,459	90	Occidental	147,278
41	Carnegie-Mellon	299,168	91	Missouri	146,545
42	George Washington	296,677	92	Illinois Foundation	143,348
43	Pomona	295,982	93	Agnes Scott	142,747
44	Texas Christian	290,816	94	Academy of the New Church	141,843
45	Grinnell	286,770	95	Colorado College	137,694
46	Trinity (Texas)	285,933	96	Trinity (Connecticut)	137,348
47	Richmond	280,567	97	Colgate	137,153
48	Pittsburgh	279,641	98	Earlham	132,790
49	Boston College	276,314	99	Wabash	129,621
50	Minnesota	275,255	100	Wisconsin Foundation	127,271

# NACUBO Endowment Study

## Total Rates of Return

Fiscal Year Ended June 30, 1990



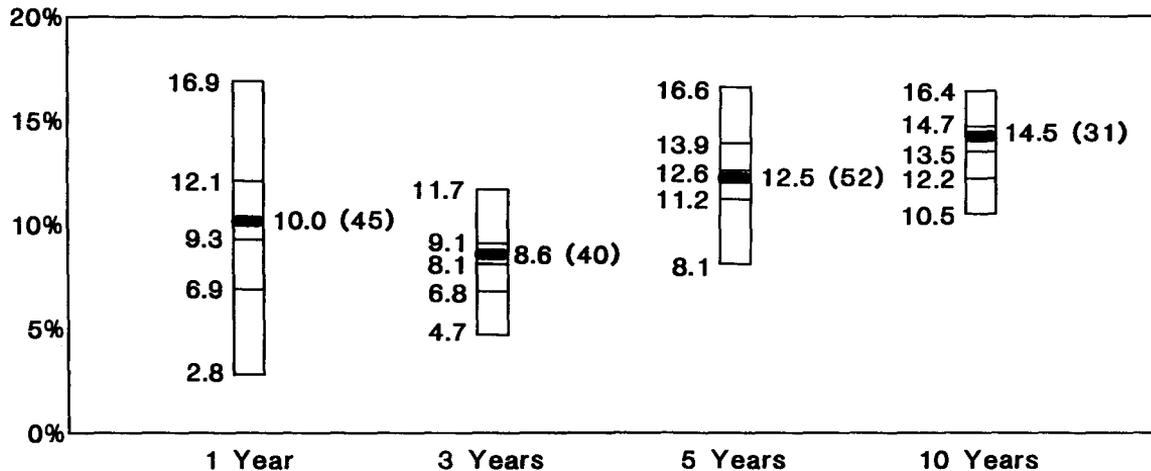
Note: NACUBO is the National Association of College and University Business Officers.

# NACUBO Endowment Study

## Quartile Performance Distribution

### Fiscal Year Ended June 30, 1990

Total Return Percent



— OSU Total Return

( ) OSU Percentile Rank

**NACUBO ENDOWMENT SURVEY**  
**BIG TEN ENDOWMENT FUNDS**  
*Fiscal Year Ended June 30, 1990*

**ANNUAL COMPOUND RETURN ON ENDOWMENT AND/OR FOUNDATION FUNDS**

	1 Year	3 Years	5 Years	10 Years
University of Illinois				
University Fund	10.6%	8.4%	11.3%	11.1%
Foundation Fund	10.6%	8.7%	11.4%	10.9%
Indiana University **	12.6%	7.6%	10.4%	11.3%
University of Iowa Foundation	5.5%	N/A	N/A	N/A
University of Michigan	3.7%	6.6%	10.9%	12.3%
Michigan State University	11.1%	6.5%	11.9%	N/A
University of Minnesota	10.8%	7.2%	15.1%	15.2%
Northwestern University	11.7%	7.9%	13.9%	16.4%
The Ohio State University	10.0%	8.6%	12.5%	14.5%
Pennsylvania State University	6.6%	7.1%	11.5%	12.8%
Purdue University	16.0%	4.1%	5.8%	N/A
University of Wisconsin System	7.1%	6.6%	10.7%	12.2%
Average	9.7%	7.2%	11.4%	13.0%

**ASSET ALLOCATION FOR ENDOWMENT AND/OR FOUNDATION FUNDS**

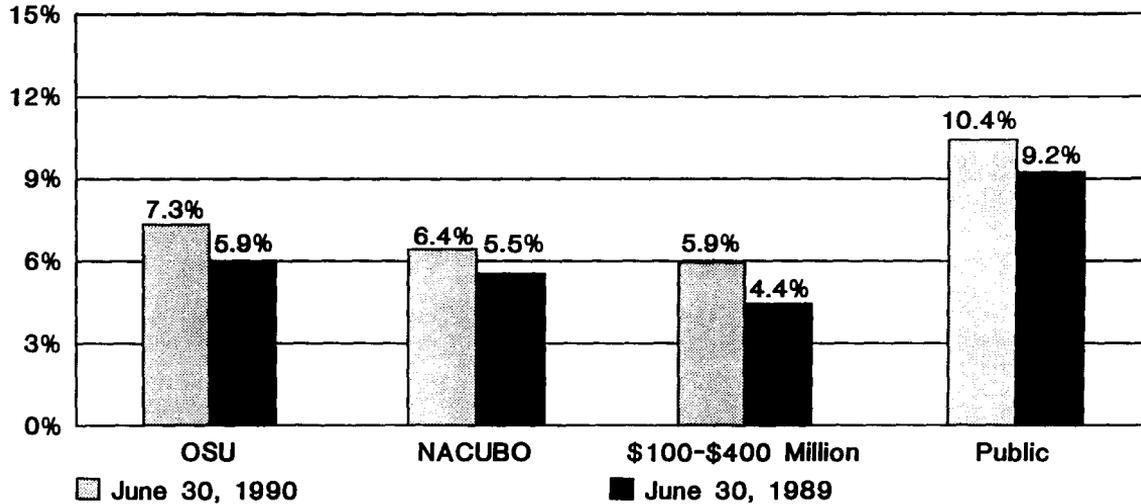
	Common Stock	Fixed Income	Real Estate	Cash Equivalents	Other *
University of Illinois					
University Fund	54.7%	35.4%	3.8%	6.1%	
Foundation Fund	57.7%	38.8%	3.4%		
Indiana University **	68.8%	29.6%	1.7%		
University of Iowa Foundation	48.0%	36.0%		16.0%	
University of Michigan	55.5%	21.9%	2.3%	10.9%	9.2%
Michigan State University	41.9%	37.8%	7.0%	7.5%	5.8%
University of Minnesota	66.9%	21.0%	1.3%	6.2%	4.6%
Northwestern University	64.7%	24.2%	0.2%	9.7%	1.2%
The Ohio State University	53.2%	22.4%	12.7%	11.7%	
Pennsylvania State University	43.6%	35.9%	4.7%	15.7%	1.0%
Purdue University	70.1%	22.0%		7.0%	0.9%
University of Wisconsin System	49.7%	40.3%		9.9%	

\* Number includes mortgages, faculty mortgages, venture capital, oil & gas, and distressed obligations.

\*\* Numbers do not include IU's \$150 - \$200 million foundation.

# NACUBO Endowment Study

## Endowment Gift Flow Rates



Note: Endowment gift flow rate is gifts, bequests, and other similar additions to endowment as a percentage of the average of fiscal year beginning and ending endowment market values.

**1990 NACUBO ENDOWMENT STUDY  
BIG TEN UNIVERSITIES  
ENDOWMENT SPENDING RULES**

**University of Illinois**

Spend 6% of a three-year moving average of endowment market values (1% assessed as an administrative fee, 5% distributed for spending).

**Indiana University**

Spend 5% of an eight-quarter moving average of market values.

**University of Iowa Foundation**

Spend 5.5% of a three-year moving average of unit values.

**University of Michigan**

Spend 5.5% of the one-quarter lagged, twelve-quarter moving average of market values per share (rule applies to investment pool only).

**Michigan State University**

Increase spending by 5% each year. Under specific market conditions the spending rate could be frozen at the preceding year's level or could be increased by as much as 8%.

**University of Minnesota**

Spend 5.5% of the three-year average market value per share.

**Northwestern University**

Spend all current income.

**The Ohio State University**

Spend 5.5% of the three-year average market value per share.

**Pennsylvania State University**

Spend 5.1% of the average market value.

**Purdue University**

Distribute all net income semi-annually.

**University of Wisconsin System**

Spend all current income.

**APPENDIX LXIII**

**THE OHIO STATE UNIVERSITY  
CASH AND INVESTMENTS**

**Presented to the Investments Committee and  
Adopted by the Board of Trustees, March 1, 1991  
(See page 907)**

**THE OHIO STATE UNIVERSITY**  
**Cash and Investments**

	<i>Cash and Investments (at Market) <u>12-31-90</u></i>	<i>Cash and Investments (at Market) <u>6-30-90</u></i>	<i>Total Return for the Six-Months Ended <u>12-31-90</u></i>
<i>University Endowment Fund</i>	\$335,170,753	\$321,880,298	-3.6%
<i>Ohio State University Foundation</i>	20,478,720	17,483,596	-3.6%
<i>Operating Funds</i>	203,807,562	218,654,627	3.9%
<i>Debt Service and Debt Construction Funds</i>	38,903,738	51,607,780	4.1%
<i>OSU Research Foundation</i>	17,574,251	18,074,584	3.8%
<i>Trust Funds</i>	15,995,808	19,057,455	3.7%
<i>Student Loan Funds</i>	6,349,043	5,862,175	3.8%
<i>Hospital Self Insurance Fund</i>	<u>15,345,187</u>	<u>14,803,147</u>	4.4%
<b>Total All Accounts</b>	<u><u>\$653,625,063</u></u>	<u><u>\$667,423,662</u></u>	

**APPENDIX LXIV**

**CLASSROOM IMPROVEMENTS - PHASE VII;  
CAMPBELL HALL ADDITION; AND  
UNIVERSITY AIRPORT RENOVATION - 1991**

**Adopted by the Board of Trustees, March 1, 1991  
(See page 947)**

## **Employment of Architects/Engineers and Request for Construction Bids**

### Background

#### Classroom Improvements - Phase VII

This project will renovate lecture hall room 131 and service room in Hitchcock Hall, including new seating, lighting, carpeting, and upgrade audio/visual controls and equipment, and renovate lecture hall room 100 in Ives Hall, including seating replacement, new flooring, and HVAC system.

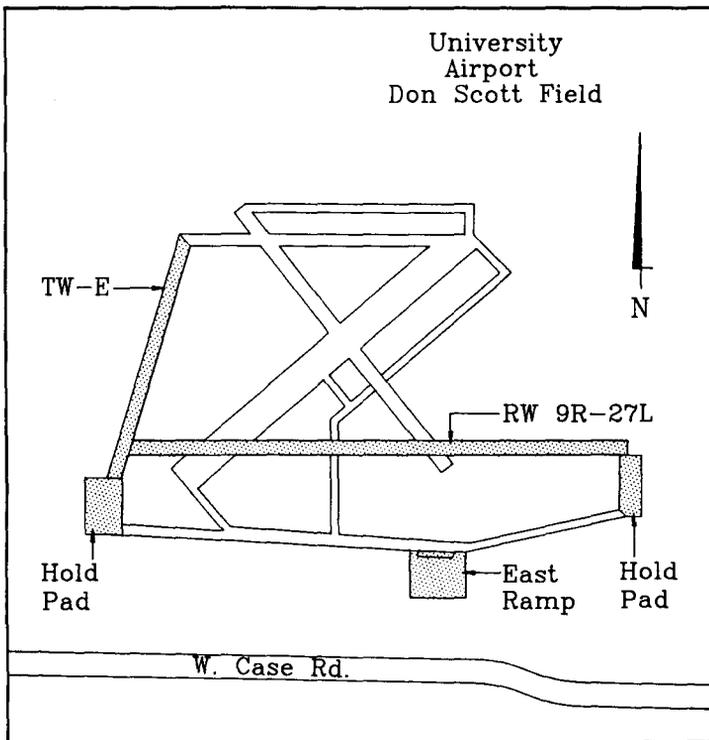
#### Campbell Hall Addition

This project will provide an addition of approximately 8,000 square feet attached to the northwest wing to house the historic costume and textiles collections, laboratories, and classrooms, and will provide an approximate 9,500 square foot addition enclosed in the courtyard to create a two-story atrium for a student center/meeting area and faculty and staff offices.

#### University Airport Renovation - 1991

This project will provide an overlay for runway 9R-27L, groove runway 9R-27L, overlay the east ramp, overlay taxiway E, install surface sensors on runway 9R-27L, and extend the hold pads on runway 9R-27L.

# University Airport Renovation - 1991



Office of Business and Administration  
March 1, 1991

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**APPENDIX LXV**

**MORRILL AND LINCOLN TOWERS RESIDENCE HALLS  
UPGRADE TREATMENT - PHASES II, III AND IV;  
DODD HALL INTERFACE, PHASE II;  
DODD HALL HVAC SYSTEM MODIFICATIONS;  
COFFEY ROAD AND VETERINARY CLINIC DRIVE REPAIRS; AND  
SCOTT HALL - PHASE IIB**

**Adopted by the Board of Trustees, March 1, 1991  
(See page 949)**

## **Request for Construction Bids**

### **Background**

#### **Morrill and Lincoln Towers Residence Halls Upgrade Treatment, Phases II, III, and IV**

This project will repair and upgrade dormitory and auxiliary spaces in Morrill and Lincoln Towers to improve the quality of life and reduce maintenance costs. A pilot program involving floors 21 and 22 in Morrill Tower has been completed, and the subsequent three phases will complete the remaining floors. Phase II involves Morrill Tower floors 23 and 15 through 20. Phase III involves Morrill Tower floors 5 through 14. Phase IV involves Lincoln Tower floor 16 through 23.

#### **Dodd Hall Interface, Phase II**

This project will continue the work on the third and fourth floors of Dodd Hall to provide patients with private and semi-private rooms, all with private toilets and showers to replace the existing 4-bed wards. All areas of the third and fourth floors, totalling approximately 27,280 square feet, will be remodeled to complement the current activities.

#### **Dodd Hall HVAC System Modifications, Phase II**

This project will continue the upgrade of the HVAC system on the third and fourth floors of Dodd Hall to provide patients with private and semi-private rooms, all with private toilets and showers to replace the existing 4-bed wards. Modification and upgrade of the HVAC serving all areas on the third and fourth floors will be accomplished.

#### **Coffey Road and Veterinary Clinic Drive Repairs**

This project will remove the existing Veterinary Clinic Drive surface, install a new concrete base and asphalt wearing surface to accommodate bus traffic. In addition, new curbs and catch basins will be added to improve drainage problems. All loading docks along Veterinary Clinic Drive will receive crack sealing and sealer. Coffey Road will receive a new concrete pad at the existing bus stop location.

#### **Scott Hall - Phase IIB**

This project is the final phase to renovate Scott Hall for the relocation of the Byrd Polar Research Center to permanent space and to relocate portions of Geology and Mineralogy temporarily from Mendenhall Laboratory in order to move forward with the Mendenhall Laboratory Renovation project. This phase will include the addition of freezers for ice core storage, a clean room, laboratory space, shops, and offices.

**APPENDIX LXVI**

**EASTERN OHIO RESOURCE DEVELOPMENT CENTER  
40 ACRES IN NOBLE COUNTY, OHIO**

**Adopted by the Board of Trustees, March 1, 1991  
(See page 951)**

## **Purchase of Real Property**

Eastern Ohio Resource Development Center  
40 Acres in Noble County, Ohio

### Background

#### Location and Description

The property consists of approximately 40 acres of unimproved land located just off State Route 215 in Noble Township of Noble County. The property is adjacent on three sides to the Eastern Ohio Resource Development Center (EORDC) operated by the University's Ohio Agricultural Research and Development Center. The property, which is of rolling to hilly terrain that is mostly wooded, is approximately four miles from Caldwell, Ohio.

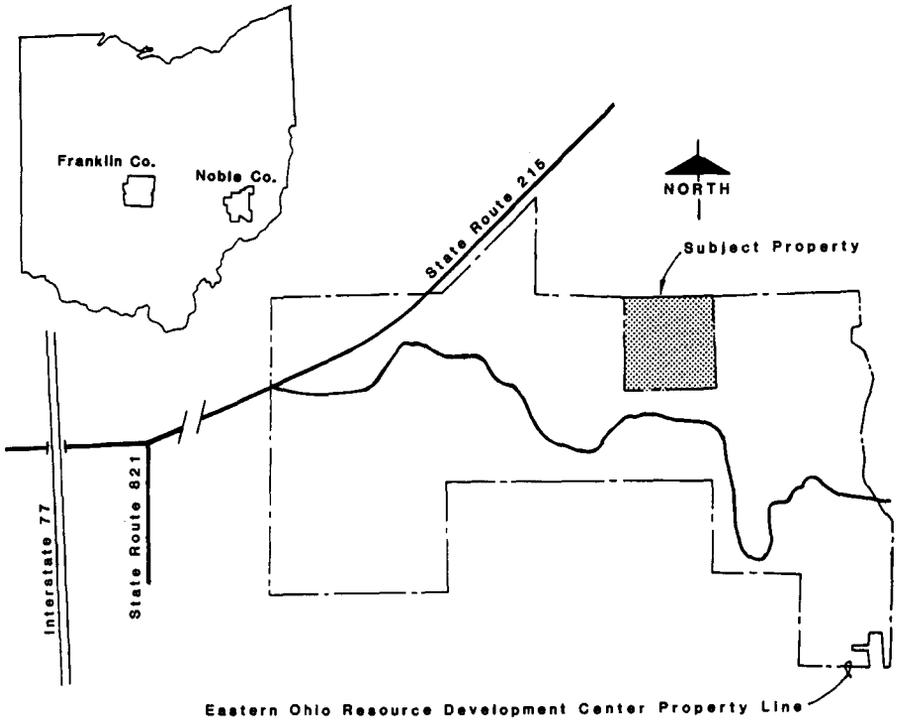
#### Appraisal and Purchase Price

An appraisal done by Dave Anderson Realty of Caldwell, Ohio, in November 1990 valued the property at \$12,000.00. The owner, Ms. Arlene Lee of North Laurence, Ohio, has offered to sell the property to the University at that price. Funds for the purchase will be provided from OARDC.

#### Use of the Property

The property would be operated by and included in EORDC to provide needed land to support its sheep and cattle research programs. EORDC's ongoing projects include modern technologies to improve beef cattle production, beef cattle breeding programs, easy care sheep, and sheep disease research. EORDC presently comprises approximately 728 acres, and acquisition of this additional land would permit additional research to be conducted. In addition, EORDC will be building new fences for the facility next year. Because of the location of this property, its acquisition will allow EORDC to "square off" its land holdings in this area and save about \$4,000.00 in new fencing. Reduced long-term fence maintenance would more than offset the remainder of the purchase price.

Purchase of Real Property  
40 Acres in Noble County, Ohio  
for Eastern Ohio Resource Development Center - Unit 1



NO TRUE SCALE

Office of Business and Administration  
March 1, 1991

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THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND TWO HUNDRED AND SEVENTY-FIRST MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, April 5, 1991

The Board of Trustees met at its regular monthly meeting on Friday, April 5, 1991, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

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Minutes of the last meeting were approved.

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April 5, 1991 meeting, Board of Trustees

The Chairperson, Mrs. Bowser, called the meeting of the Board of Trustees to order on April 5, 1991, at 11:35 a.m. She requested the Secretary to call the roll.

Present: Shirley D. Bowser, Chairperson, Hamilton J. Teaford, John J. Barone, Deborah E. Casto, John W. Kessler, Milton A. Wolf, Alex Shumate, Theodore S. Celeste, Sophia L. Paige, and David A. Tonnies.

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Mrs. Bowser announced the appointment of the following persons to the Nominating Committee for the selection of Board Officers for 1991-92:

John J. Barone, Chairman  
Deborah E. Casto  
John W. Kessler

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### PRESIDENT'S REPORT

President Gee:

As you can tell if you drive through campus as you leave here this afternoon, spring has sprung at Ohio State. The typical signs of spring are very visible, and the Oval has come alive: shorts, frisbees, dogs wearing bandannas, preachers, rain, and an epidemic of spring fever among our faculty, staff, students -- and I suspect, even our Board members.

This being my first spring here, I am discovering each day how beautifully this campus is landscaped. In such a wonderful environment, we have a great deal to celebrate. I am delighted that Adrienne Bosworth, former managing editor of Columbus Monthly and correspondent for the Wall Street Journal, has joined us as director of marketing and communications for the Wexner Center for the Arts. I might add that the students are making good use of the plaza around the Wexner Center for studying in the sun-- at least, I assume they are studying.

As you see on today's agenda, we have attracted an outstanding leader in research, a scholar and teacher, to the important post of Vice President for Research, Dr. Edward Hayes. The chair of the search committee, Eminent Scholar Terry Miller remarked on the fact that Professor Hayes not only is a first-rate administrator at Rice University, but also teaches introductory chemistry. This is exactly the type of interplay between teaching and research that we want to nurture, and Dr. Hayes will lead by example in that regard. Dr. Hayes will be joining us in a bit, his plane was late, but hopefully we will have a chance to reintroduce him when he arrives, Madam Chair.

We have several other searches underway. This month, Executive Director of University Hospitals, Reed Fraley, agreed to chair the search for a Vice President for Human Resources and Relations. This new title reflects our response to the changing nature of the work force and the demands of managing and serving our human resources well at this University.

**PRESIDENT'S REPORT (contd)**

President Gee: (contd)

It was clear in some of my "town meetings" around the campus, on which I will report in a moment, that members of our University family have a number of concerns on child care, professional development, health care, and the like. I expect a strong pool of candidates who will welcome the challenge of continuing Ohio State's leadership in the human resource area. And I know we all appreciate the good work that these and the other search committee members are doing on our behalf.

We have had a spring break -- although you could scarcely notice it except for the abundance of parking spaces at 8:00 in the morning. Our students were busy over the break -- some in Florida [where I am to note that the exploits are best left unreported]. I might mention senior honors student, Doug Ricketts, of Dublin, Ohio, who spent the break in the Bahamas. He swears that he was working with a geology team as part of his senior honors thesis. I predict that this clever young man will go far -- designing a project that requires his presence in the Bahamas on spring break! We certainly, again, attest to the brilliance of our students!

Some of these very bright young people spent their break participating in championship competitions in a variety of sports. To brag a little about our students: the rifle team finished third in the country at the NCAAs -- I might note that West Virginia was first; the wrestling team finished fourth in the country; the synchronized swimming team took first in the nation; our men's gymnastics team is ranked seventh in the country and hosts the NCAA regionals here tomorrow night; and the baseball team is ranked eleventh this week.

Kriszti Hovanyi, a sophomore from Stockholm, majoring in physical therapy, was named a second team All-American fencer; Susan Gottlieb was named an All American swimmer for the fourth time! She is from Shelbyville, Indiana, and is in the College of Business, one of America's great swimmers as you know; and David Pichler, a junior from Butler, Pennsylvania, is the national champion 10-meter diver, one of the world's best and is majoring in economics.

Of course, our basketball coach will shortly be asking for more office space to put all of his many, and I might add, well-deserved trophies and awards. We know he is the best coach in the country. It is good to know that others are recognizing it as well. And we may have yet another title, for even as I speak this morning, the Ohio State cheerleaders are in San Antonio competing with seven other teams for the honor of being the top cheerleading squad in the nation.

Speaking of top rankings, at University Hospitals surgeons performed their 100th pancreas transplant in March, a milestone among the nation's transplant centers. We lead the nation in the number of simultaneous pancreas-kidney transplants.

I met many of the people behind these wonderful statistics as I held 21 town meetings around the University as a follow-up to my March 2 speech before the University Senate. More than 2,000 people came out to listen to my vision and hopes for the institution. More importantly, they asked questions and brought to my attention a number of issues that are on their minds. Let me try to quickly capture for you some of the impressions and themes garnered from these "town meetings."

### PRESIDENT'S REPORT (contd)

President Gee: (contd)

I would say that I struck a chord in not only talking about the importance of interdisciplinary activity, but also calling for new approaches to organize and support that effort, and reward it as well. I might note that we had a presentation on that this morning, as the Provost brought in one of our distinguished faculty members to talk about interdisciplinary work in mapping. An important aspect indeed. Certainly, I, as the new guy on the block, am not the only one confused by the reporting lines of our various centers. And I heard from faculty who feel the pull and tug of loyalty and service to multiple departments, centers, and programs.

I learned that across this institution, people respect and love our libraries, and are calling for renewed attention to acquisition and maintenance of collections. I also learned that no matter how many meetings I hold, someone always will ask about parking. Many people had their own "horror story" about the ravages of bureaucracy gone unchecked including many of the staff members who are saddled with administering sometimes inefficient systems. I also encountered a bit of cynicism about our ability to reduce bureaucracy. But also, a great deal of support for trying. I heard about leaky roofs and shortages of computer work stations. About the waiting period for child care, and about the value of international experience.

People across this university lament their lack of knowledge about the good things happening beyond their departments -- or "silos" as I have come to call them. They recognize that we have to do a better job of telling our story within the campus and across the State. I spoke a great deal about having to make difficult choices, not only in the short run as we face serious budget problems, but also over the longer run as we manage our resources. I emphasized that we cannot make these choices haphazardly or incrementally the way we have grown, rather we must hold to a set of core values and respect a planning process that will inform and advise our decision-making.

Let me say that when you talk to a town meeting about making choices, there is a palpable unease in the room. It reminded me of the way I felt in law school when, on the first day, the professor said: "look to your left, look to your right, at the end of the year, one of you will be gone." People get that same stare when you suggest making choices! But, I sensed, they also understand the folly of continuing to be all things, and the price that will exact on the quality of this University.

There were a number of provocative and interesting comments: "What is our view of the University as a social change agent?" "How do you make a better teacher?" "How do you measure quality?" A most interesting question, I might add. One question that came up at every session is: "What happens next?" I assured everyone, as I assure you today, that we are not just going to talk about planning for change. We are going to put our shared views into action. We are going to continue to invite -- no, expect participation in the planning process. Associate Provost Gauthier is pulling together a group and a strategy to get a planning model moving. However, as you are well aware, we are facing a very tough budget right now. Difficult times and difficult decisions are in front of us. We are making our case to improve our position in the budget process. But, even in the best case, given where we are starting, we will inevitably face a very tight budget.

**PRESIDENT'S REPORT (contd)**

President Gee: (contd)

While our planning model will not, of course, be in place soon enough to be fully functional in these short-term budget deliberations, the extensive planning done in the colleges and administrative units in the past will help us meet these immediate challenges. I am confident that we can bring together the fundamental values of the institution and protect the academic core. Now let me assure you, in the short run, we will not make stupid decisions. We will make choices. They will not always be pleasant and certainly not always easy, but together, this university as a community committed to the highest standards for The Ohio State University, must keep its focus on its longer run goals and certainly its aims. We must not be deterred in our ambition or our drive.

It is my nature as all of you know to be optimistic, and the meetings with these many audiences of faculty, staff, and students have invigorated my efforts and bolstered my resolve on behalf of this great University. The meetings continue this quarter, so that we can reach every constituency. All in all, the marathon of meetings is time well spent for me and, I hope, for my colleagues as well.

With that fairly lengthy report, Madam Chair, I submit this for your consideration.

Thank you.

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**ENROLLMENT REPORT**

Dr. Hutchinson:

As many of you know, Ohio State started talking about selective admissions in 1985 and embarked on that. Last year, we realized that there was still a number of gaps in our program and that it needed to be strengthened, so we appointed a committee chaired by Dr. Robert Arkin. The committee has been working since last summer, and has made progress in the last few months in a number of ways and many things have been implemented already. We asked Dr. Jim Mager, to come and tell you about what that committee has done and what is emerging as an enrollment strategy.

Dr. James Mager:

Madam Chair, Members of the Board, President Gee, thank you for this opportunity to talk about enrollment management, about undergraduate enrollment trends, and, especially, the recruitment efforts that we have made. Let me assure you that there are many facets of enrollment management and recruitment that we could discuss. I would like to talk about what I believe are some of the major developments happening at Ohio State, that are going to affect enrollment for Autumn Quarter 1991.

As we talk to perspective students and to many high schools around the State of Ohio, we find the major development that people are interested in is the profile of our freshman class for 1991. We recognize that we are 5 months away from autumn quarter, but having admitted the majority of students and the fact that these

### ENROLLMENT REPORT (contd)

Dr. Mager: (contd)

students are now paying deposits for 1991, we have some measure of making projections on what that class will look like.

One major thing that I would like to report on is that this will probably be the smallest freshman class that The Ohio State University has had in over two decades, possibly three decades. Our archives have some holes in it for the 1960's, so I am not sure what year we would have had a smaller class. We are projecting, right now, a class of 5,400. That is a large class by everybody's standards, but it is not a large class by Ohio State's standards, since we had 7,000-8,000 students in our freshman class in the 1970's, 6,000-7,000 in the 1980's, and now we are projecting 5,400.

The other major emphasis is that this class is also going to be one of the best and probably the best academically prepared class for Ohio State University. From every indication that we have, we expect the average student to be in the top 20 percent of their high school class. Ohio State prescribes a 15-unit college preparatory curriculum. The average student is going to have at least 18 units, with 3 additional units most likely in mathematics, natural science, foreign language, or the social studies as they arrive on campus.

Approximately 10 percent of our class is going to be in the top 3 percent of their high school class. We have a designation called University Scholars for those students who are in the top 3 percent of their class and who scored in the top 3-5 percent on the ACT/SAT. Last year we had 195 of these students. This year we are projecting close to 300, a 50 percent increase.

Finally, I would like to also report, as President Gee reported to the Senate on March 2, that we are very excited about the attention of National Merit Scholars. Last year, we attracted 23 National Merit Scholars due to the efforts of the committee that Provost Hutchinson charged last year. Those projections are going to be at least 4 times that and possibly more. So these are the major emphases for the incoming class.

I would like to now talk about how we arrived at the smallest class. I know that accessibility to Ohio State is a concern to many people. Why is it that we had 6,000-7,000 students in the past, and we are now only going to have 5,400 students? I want to address that. I also would like to address the options available to Ohio residents who cannot be a part of that 5,400 students that we expect this fall. In talking to the public, we recognize these as the major concerns and I would like to address them.

The first trend is a steady State trend. From 1980 through 1990, the number of undergraduate, professional, and graduate students has stayed, amazingly, constant. One of the major driving forces for that has been a State mandated enrollment limitation on the number of students on the Columbus campus. But the mix of students from 1980 through 1990 has been in the 40,000 - 41,000 range. The number of professional and graduate students on campus has been constant. I will point out that for 1991, this autumn, we expect to have a similar profile to what we had in 1990.

## ENROLLMENT REPORT (contd)

Dr. Mager: (contd)

The Office of Campus Planning, who tracks retention in admission and the different flows of the students from the regional campuses, projects approximately 40,600 undergraduates on the Columbus Campus, and that is very similar to the entire 1980's. The projection for professional students is approximately 2,610, and they worked with professional schools on that projection. The number of graduate students, according to the Office of Campus Planning, is 10,558. Of course these are projections. We never hit the target right on the button, but we do expect that with all of our efforts to have approximately that mix for the class of 1991.

In this steady State trend, there has been some major movements in the undergraduate mix. We worked with the Ohio Department of Education to obtain projections of the high school graduates in the State of Ohio. For the present these are actual, and as we go into the future these are projections. We saw that in the 1980's, even though the numbers of high school graduates in the State of Ohio was declining, and certainly as we looked at the same demographics for all of the surrounding states and, in fact, every state in the Union, there was a very similar curve. The amazing thing is that in the applicant pool for the Columbus Campus, we experienced a major increase in applications for admission at the same time the demographics were falling. So much so, that in 1986 we realized that we no longer could accept applications on a first come, first admit basis.

I have been Director of Admissions since 1980, and since that time we never were an open admissions University. We were a first come, first serve University. We always had early closings. We have never been able, at least in the 1980's, to take every application of an Ohio resident. What was happening in the 1980's, was that we were becoming more and more of a closed institution. In fact, in November 1985, we closed for the class of 1986. At that point, we were the most closed institution in the country -- when you close 12 months ahead of time for applications for admission. So when people say that we had open admissions until 1986 and then we went to selective admissions in 1987, I want to make the point that I don't think we have been open for a decade. I will point out to you that this increase continued after our selective admission process, and it was this decline in 1990 that was a concern for the University.

A second major change was as our applicant pool increased, the quality of the students increased each quarter also. The major result of the increase was that the retention rate was increasing. We went from 76-77 percent in the late 1970's; we had a constant increase through 1986; and in 1987 when we admitted the students who were best academically prepared for the University, we saw a major increase. And based on the quality of the applicant pool for 1990, as well as 1991, this retention rate will continue to improve. The frustrating thing about talking about graduation rates is that you are at least 6 or 7 years behind. They can only be judged based on people that you admitted 6 or 7 years ago. But let me point out that there is a correlation between students who return their sophomore year and the graduation rate.

For example, there has been a national trend that on the average students take closer to 5 years to graduate. That is certainly true at Ohio State, as well as at many institutions around the country. But one of the marks that I look at is the 6th year -- how many students have graduated up to 6 years, because most of the students who have graduated have done this by the 6th year. In 1979, we had 48.5 percent

**ENROLLMENT REPORT (contd)**

Dr. Mager: (contd)

of our freshman class graduate; by the time we reached 1984 that increased 53.7 percent. This was at a time when the first year retention rate went up by only 3 percent and our graduates went up by 5 percentage points. So we are very optimistic as we go into the late 1980's and the early 1990's that we will have major increases in our graduation rates. We are very excited about that, but we won't see the true results until 1995-1996 for the students we have admitted in the last year or two.

As a general trend, again, in enrollment management there are dozens and dozens of factors that have an impact on what the enrollment is going to look like next year. As one major trend occurred -- retention rate increases -- a general trend also occurred and that is our number of freshman students has decreased in order to stay within the limitations of the 40,000 enrollment. So we see major increases here since 1977-1979. We also see the number of spaces for new freshman decreasing, to the point that we believe to stay within our enrollment limitations, we will have to enroll approximately 5,400 students. Why is the class so small? It has to do with the current students staying and getting degrees -- there is less room. The only other alternative, of course, is to grow. I know as I look around the room at all the enrollment planners, that to grow is not in our plans as an institution for numerable reasons.

Mrs. Bowser:

How small will the freshman class get to be?

Dr. Mager:

I don't know. We are struggling to handle this right now and there are some guesses that it could be in the 4,000 range. I am not sure, I am only guessing. We haven't done a detailed analysis, because we are in a spiral. The higher the ability students we admit, the more they stay, and the more they stay, the less room we have for the freshman. That is a very good question, but I'm not prepared today to answer it, except to make personal guesses. And as we look at the next 3 or 4 years as it continues, we might be talking of a class of 5,000, we might even be into the 4,000s.

Amb. Wolf:

When you stabilize at 5,000 or 5,500, whatever it might be, won't you be able to then start increasing the freshman class again, after the previous classes leave? After all, if you have the undergraduates at 40,000 and you are taking 5,000 a year for 4 or 5 years--

Dr. Mager:

Let me talk about undergraduates. The 40,000 students are only a small percentage; less than half are students coming in as traditional freshman who begin at the Columbus Campus, Autumn Quarter. The other channels that we have are a large number of students who come in summer quarter and winter quarter as freshman; we have 1,600 transfer students who are from other institutions; and we have a large flow of students who started at our regional campuses and then

April 5, 1991 meeting, Board of Trustees

### ENROLLMENT REPORT (contd)

Dr. Mager: (contd)

transferred to our Columbus Campus. There are so many channels coming to Ohio State University beyond new first quarter freshman.

Mr. Teaford:

So, in some ways, that is a misleading number. Because in 1991 there will be a lot more first quarter freshman on this campus than that. They just won't all be here in the fall.

Dr. Mager:

We are talking about 5,500. Our best projection right now for the summer is another 200-300; our best projection for the Winter Quarter is another 500-600; for Spring Quarter it is another 200. So, yes, that may be misleading. It has been in the neighborhood of 900-1,000 students entering the other freshman channels, and we have the transfer channels and we have the regional campus channels.

Amb. Wolf:

But you have the opportunity to manipulate the figures by limiting the number of transfer students if you want to take in more freshman students.

Dr. Mager:

This is exactly where the enrollment management academic planning comes into place. What is The Ohio State University's role? Is Ohio State's role to bring in large groups of freshman and have very restrictive admission to come in as a transfer student? I would say the consensus is no. The upper division programs, the faculty missions of the institution, and the degrees that we offer, are our strengths. That is what Ohio State is all about. So, yes, the one way to get by this, in spite of the retention, is to keep that freshman class size, and what will suffer is the transfer students. And, again, 1,600 is what we bring in and what would shrink down close to zero. Then there are students who are beginning in two-year institutions around this country, beginning in our regional campuses, beginning at other institutions who want to transfer to Ohio State because of the faculty, because of the degrees we have to offer, and we can't do that because of a larger freshman class. Either you come in as an 18-year old or you've lost your chance, and that is not the approach we are taking right now. We are starting with a smaller freshman class and those who succeed at other institutions can then transfer in their sophomore and Junior year.

Mr. Teaford:

Is that 1,600 significantly up from last year?

**ENROLLMENT REPORT (contd)**

Dr. Mager:

The range has been between 1,300-1,700. Last year we had 1,714 in degree seeking transfer students. This year our target is 1,600 to stay within our enrollment limitation. So it has been a number that has been fairly constant and it is a number that based on the pressures we have from different constituencies that we may want to increase. There is some frustration for people who start at two-year schools and so we are not in the mind set to decline the number of transfer students. If anything, there would be pressure to increase the number of transfer students.

Mr. Teaford:

What does it take to transfer? What qualifications do you have to meet to transfer?

Dr. Mager:

Up until this year, the transfer criteria was to be in good standing at another institution. Meaning that the student has to show that they can do 2.00 work, typically, at another institution to be transferred. We are having the same problem with transfer students as we are having with freshman -- we are getting more and more of a demand for transfer students. So much so that we cannot guarantee admission for every student with a 2.00 at other institutions. As a result, we are in the process of putting into place a more selective admission process for transfer students. I don't want to scare anybody and we are not all of a sudden accepting only a 3.9 from students at other institutions, but we need to start raising that standard above 2.0 because of the demand of the transfer student.

What is happening to the people not admitted? First of all let me say that there is a lot of self-selectivity. We work very closely with the counselors in the State to talk about what is the likelihood of the student being admitted. We are not encouraging students at the bottom half of their class to apply, unless there are some very special circumstances about that student. So we have large unknown numbers of students who are not applying because they know that they are not going to be admitted. President Gee and I were at Upper Arlington High School yesterday and the counselors were quizzing me, "What does it take, what does it take?" Because they don't want to advise a student whose chances are next to zero. We get this constantly. That is what a good guidance counselor should be doing. They should not be wasting the student's time and money to apply some place when their chances are very small. I have nothing but respect for the people who ask those questions.

What is happening when we get past the self-selectivity? Let me point out that 11,863 or 82 percent of our applicant pool was admitted to their first choice. Our yield rate from admission to enrollment is about 40-45 percent at Ohio State and that is very common as I look at other schools around the State and the Big Ten. Because on the average, students will apply to three institutions and when you admit them to the institution, the chances are 40-45 percent of the students will come. But, I want to emphasize there are some students who can succeed in college and succeed at Ohio State that we were not able to accommodate. We recognize that more than anyone because we deal with these students and guidance counselors everyday. So what we try to do is to give them alternatives.

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### ENROLLMENT REPORT (contd)

Dr. Mager: (contd)

For example, the second group of people who did not quite meet the admission criteria were offered Summer Quarter, Winter Quarter, and Spring Quarter for the Columbus Campus, as well as Regional Campuses and the opportunity to transfer. All Ohio residents who got a letter in the last two weeks were given these as alternatives. "We could not accommodate you for the Autumn Quarter, but we are giving you these alternatives to consider."

Group three would be the average, mid-range students that because of our small Summer Quarter enrollment, are not offered Summer Quarter, but are offered Winter Quarter, Spring Quarter, Regional Campuses, and transfer options. This would be another 1,100 students, or 8.2 percent.

And, finally, for some of the poorer students, and these are, typically, again, general profiles of students in the lower third of their class, are offered just Spring Quarter or transfer.

If you remember, about a year or two ago this Board passed selected admissions for Winter, Autumn and Summer Quarters, we still are open to Spring Quarter. Now having said that, we would never give that as academic advice -- for a poor student who graduated in the month of May to wait nine months in order to take advantage of coming to the Columbus Campus. That is the worst academic advice that could be given to a student. So, even though we recognize this as a legal right for an Ohio resident for Spring Quarter, we, as academic advisors, strongly encourage the student to start somewhere else and to come in as a transfer student if they can succeed at another institution.

We have some non-residents who were just offered transfer only. They are not all Ohio residents and the only way that they can come to Ohio State would be to transfer. The reason that I bring this up is to answer the question, "What happens to people who do apply?" The pressure is on transfer students as we became more selective for freshman, and transfer is a very popular option. That demand has been pushing at us also. So that is another major trend in enrollment that we have seen.

Mrs. Bowser:

Jim, this hits something that is very near and dear to my heart. As you know, I am serving my last year on the Board, and I feel very strongly that options, as long as they can possibly be offered, be offered. Because not all schools have counseling systems that counsel this kind of thing, and there are youngsters out there, young people that later on in their high school career get turned on. There ought to always be a way, in a state institution, that they can prove themselves and come in. I do get questions about "are we becoming too elite?" As long as you have other alternatives, it is a very easy question to answer. Do you see us closing the Spring Quarter option?

Dr. Mager:

This is new -- so I am not as confident in my response. I don't see us closing right now because of the strong academic advice I just mentioned a minute ago. This is new territory, so I don't have any history to base that on, but I honestly don't see us closing right now.

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### ENROLLMENT REPORT (contd)

Mrs. Bowser:

Good.

Mr. Teaford:

But, of course, the option that always remains is the transfer program.

Mrs. Bowser:

But as he says, Joel, there is more pressure for transfer, so that could become a pressure point.

Dr. Mager:

I believe very strongly, as I know all of the OSU community does, that our strengths lie in our upper division program and with the lower division for the high ability honors student. Those are our strengths. We have a wonderful array of opportunities, resources, and faculty for our upper division. The average low ability student freshman is not one of the strengths of Ohio State. However, that is the mission -- not a strength, but the mission of the two-year schools in this State. The advice to a student who is in the mid-range to the low part is to get their academic feet on the ground at one of these institutions.

Dr. Hutchinson:

Jim, you might want to say a word about the articulation agreement. I think this is something the Board would be interested in.

Dr. Mager:

First of all, from the State of Ohio there is a state-wide commission on articulation and transfer that is identifying what they define as transfer modules, groups of courses from two-year institutions that would transfer to the four-year institutions. Ohio State has not only been a participant in that activity, but has been a leader with the State of Ohio. In addition, there are individual articulation agreements with Columbus State Community College and Cuyahoga Community College. Sinclair is next on our list. So now, we can be more specific with what the State is doing. This has been a major emphasis -- to help the student not only do well, but to take the right courses.

Mrs. Bowser:

Jim, do students in those community colleges know when they take courses that they will transfer here?

Dr. Mager:

This is a very detailed, slow, and frustrating process because sometimes it goes course by course by course. The faculty need to be involved in each step of the way, it is not an administrator who could do this. But to answer your question, yes. Today at Columbus State and Cuyahoga Community College, the answer to that is yes. We have a large binder at each school giving not only the equivalencies and

**ENROLLMENT REPORT (contd)**

Dr. Mager: (contd)

non-equivalences, but the criteria for transition into degree programs at Ohio State University. Because Ohio State is going through a major transition with our general education curriculum we are in the process of updating those binders, and that is a major project that we are working on as we work with the State.

We look at statements that we get from students, guidance counselors, and learning disabled students. We also look at personal problems in high school, or it could be anything. We have made a very strong commitment to make channels to Ohio State for freshman. With all of the calls and letters the Admissions Office receives, we probably spend about 10 percent of our time interfacing with accepted students. We spend the other 90 percent of our time doing alternative counseling -- where the student should go, and if the student does well then they can transfer to Ohio State as a sophomore.

Mrs. Bowser:

I'm proud of that. I'm very glad that you do, because I think that is part of our responsibility to these students.

Mr. Barone:

What criteria do you use for admissions for that freshman student?

Dr. Mager:

One of the things that we are very proud of, and we get a lot of compliments all over the State on this, is that we look at many factors. The frustrating thing is that in a meeting like this I can't give you a quick answer to that because we look at literally 11 factors. The two major factors that we look at are the college preparatory curriculum. For example, the average is 18 units instead of 15 units. The more units taken, the better chance you have of being admitted. We also look at how well you did in those courses as measured by class rank or grade point average. Those are the major factors that we look at.

We call it competitive admissions, as opposed to selective admissions. I can't give you a number on that because it depends on how many people apply and what their profile is. The other reason I can't answer your question specifically is because there are 9 other factors that we look at in addition to those two. We do look at the competitiveness of the high school, that is one of the major factors we look at. We do not treat all high schools alike. An administrator, a counselor, or a principal often asks us, "Well how competitive are we?" We get into an individual view of how their students do at Ohio State and we can compare their students on how well they do. What is 78th percentile at one high school, is quite different from the 78th percentile at another high school, and then we make adjustments for competitive high schools. That is one of the ten factors. We look to see if there is a learning disability involved and if there is, we have a process with Disability Services.

**ENROLLMENT REPORT (contd)**

Dr. Mager: (contd)

We look at someone who may have just had one bad year, and in that year there could have been a family problem, a tragedy, or a death in the family, and we certainly factor that year out. So there are the 11 factors that we look at. Sometimes it frustrates people that we can't tell them exactly what it takes to get into Ohio State, but it is only because we look at these 11 factors.

This is not the admissions office or the administration doing this. We are governed by the faculty, the Council on Academic Affairs, Council on Admission and Registration, and we have a 6-member faculty committee on admissions that we meet with at least once a week, and most of the time twice a week, to review each one of these. We have a very complex process in order to get in, but it is a process that is touted by all the high schools to take all these factors into consideration.

When we saw the 13 percent decline last year, we were concerned because we do feel very strongly about what Ohio State has to offer. Dr. Arkin spoke to the Academic Affairs Committee last month about the October 10 report. I will say to you that the results of implementing many of the suggestions in here, have been phenomenal. At the time that we wrote this, and by the time it was looked at in November, we found ourselves down significantly in applications. But, we implemented major programs, off-campus outreach, and the two brochures in front of you about visiting Ohio State. When students come to our college fairs, we want them to visit Ohio State. You don't want to go to any college without visiting for at least a day, if not 2 or 3 days. So visiting Ohio State is very important. We use Alumni now in our outreach activities, and we are able to go to every high school and college fair that invites us. We knew that Ohio State had opportunities superior to many institutions, but it was the basics in recruiting where we were hurting. We weren't able to give them basic brochures when they came to our desks, we weren't even taking their names for the colleges and departments to follow-up on. The colleges and departments have written over 12,000 letters to people after we have contacted them at college fairs and high schools to tell them to come and visit us.

We now have at least 4 colleges that have daily open houses, the Colleges of Business, Engineering, Arts and Sciences, and University College. Every day at approximately noon, students can come visit there. We have admissions overviews everyday, financial aid overviews everyday, and we have updated our campus visitation.

Something that we are very proud of, also, is our merit-based financial aid. The fact that we are now recognizing scholars is terrific. Before, Ohio State had a reputation of not recognizing scholars and I think that hurt the University, as well as hurt the student. We had valedictorians that we were only giving \$300 to. Some were calling it a "slap in the face." We now have a minimum \$1000 scholarship; we have 10 presidential scholarships valued at \$8,100 per year; 40 medalist scholarships valued at \$2,300, as well as the national merit scholarship. So we are now recognizing high ability students. Also, we now have a more personalized follow-up after admissions. We have the colleges writing and calling students who were admitted. So these are the major activities.

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### ENROLLMENT REPORT (contd)

Mrs. Bowser:

That is an excellent report and I want you to know that I read every word of it, which I don't always do. The Board should invite you back sometime when they discuss that report and ask the questions that our president always asks, "what have you done about it," and "where are you in that." You are to be commended.

President Gee:

I might note that that is not only an excellent report, but I think it asks some of the questions that you are going to commonly be asked. Because as you know, the nature of this University is that we have a very specific character, and when you start talking about selective or competitive admissions, many people become concerned that you are trying to change the nature of the character or the character of the institution. We are certainly not trying to do that and, I think, as Jim reported, we are about not changing the character, but rather elevating the character of what we are about.

Also, in terms of some of our very specifically targeted groups, we have made very strong commitments; for example, to our minority students. I get asked a lot of questions, "Does this mean that this kind of a process is going to be exclusionary?" I think that Jim's data show clearly not, particularly because of the windows that we are providing and the opportunities for recruitment and retention. If anything, I think, it strengthens our profile and that is encouraging. Also, the non-traditional students are now becoming the new majority. I remind all of you that over the next 10-15 years, the classic definition of the student -- the 18-22 year old who came to Ohio State for 4 years and then goes out and gets a real job, is no longer going to be the student that we have here. That is going to be the non-traditional student. The new majority is going to be the mother who is home bound, the single father, or someone who wants to change their career. All of those issues present a challenging time for us, in terms of our admission profile.

I must say that Jim and his people have done a remarkable job. Jim hates to see me because I eyeball him one on one and say, "What are we doing?" The truth of the matter is that we are doing a remarkable job and the nicest thing is that through this process not only are we attracting the best and the brightest to Ohio State, but I can sense a real enthusiasm among high schools and high school students. I personally have been at about 15 or so high schools across the State, and the fact that we talk good about ourselves, that we speak in positive terms about Ohio State, people want to come here. They want to come here because we believe in ourselves and I think that is a real attitudinal shift that Bob, his committee, and the Provost have undertaken. Jim, you are to be congratulated, I appreciate your good work.

Mr. Teaford:

Mr. Mager, do you have some projections with regard to the minority enrollment in that class for next year?

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### ENROLLMENT REPORT (contd)

Mr. Mager

Again, we have a range here because we could never guess exactly. We would be in the neighborhood of 500 black students; we expect possibly as high as 130-140 Hispanic students; and a small number of native Americans. I give those as the under-represented minorities to the campus. To emphasize what President Gee has just indicated, we have gone through a major transition in selective admissions in the last 6 years. Our new freshman black student enrollment has gone up from 341 in 1984, to 498 in 1990, and we certainly have every intention of improving that number for 1991. So that is another very amazing and positive thing that we are very proud of, and the retention is improving also. Since the start of selective admissions we have increased the numbers and retention. In talking to my colleagues all over the country, that is an amazing accomplishment for The Ohio State University.

Mr. Teaford:

Are there any particular initiatives with regard to recruitment of minorities?

Dr. Mager:

Absolutely. I would be glad to outline the major programs, but yes we have a major effort. The Office of Minority Affairs has a number of staff members dedicated to recruiting minorities, and I can say that they certainly deserve the lion's share of the credit for this increase. They are making the personal contacts in the high schools not only in-state, but out-of-state. We have a Minorities Scholarship Program, and we have the Freshman Foundation Program.

Dr. Hutchinson:

Let's not forget the Young Scholars Program. They bring in 400 students a year that we hope will attend Ohio State in the future.

Dr. Mager:

We are waiting for the payoff on that in 1992 and beyond. The Young Scholars are not on our campus yet, they are here during the summer and at other times, but they are not here as college students yet. That is going to be another positive in the 1990's, over what we have already seen in the late 1980's.

Mr. Teaford:

Is that recruitment also going to those parts of our cities where the economically poorest black students are living?

Dr. Mager:

The Office of Minority Affairs visits not only the high schools, but also the churches, the community centers, and the households of these individuals. I don't think anybody could describe it better than the people that do it. I would suggest that you talk to those people sometime.

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### ENROLLMENT REPORT (contd)

Mr. Barone:

Does this include the Hispanic group?

Dr. Mager:

It certainly does, we have a major staff that are dedicated to Hispanic recruitment. As a matter of fact, I received a call this morning from Victor Mora who wants information to help him on his next trip. So, yes we do have them in both areas. I told you about major increases in the number of black students, and the number of Hispanic students has also increased. In 1984, we had 52 Hispanic students, we now have over 100. So we have doubled the number of Hispanic students of our freshman class. I will guarantee you that there are major efforts in those areas.

President Gee:

I might note, Jim, that there is one small group that I take deep pleasure in, there has been a dramatic increase in the number of Mormon students at the University -- from one to two.

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### INTRODUCTION OF VICE PRESIDENT FOR RESEARCH

President Gee:

Ladies and Gentlemen, I told you earlier that we are today announcing a most significant appointment to this University. Dr. Edward Hayes will be joining the University on July 1, as our new Vice President for Research. We asked him to come today in order to meet all of you, and more importantly to be introduced to the University family, and have the opportunity to meet with the press. Ed's plane was half an hour late and then Dr. Terry Miller, who chaired the search committee and is one of our eminent scholars, was unable to find his way from the airport. Ed, please stand and be recognized.

Mrs. Bowser:

We are, indeed, glad to have you join us.

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### RESEARCH FOUNDATION REPORT

Ms. Casto:

Thank you, Madam Chair. The Research Foundation Grants and Contracts for the first 8 months for the fiscal year 1991 are shown in the agenda book. There are 919 awards listed which provide a gross income of \$84 million. Funding for the first 8 months of the fiscal year is 9.5 percent ahead of the same period for fiscal year 1990. Federal funding has increased overall and funding from the State of Ohio and Industrial sectors has also increased. Some highlights of the awards are:

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### RESEARCH FOUNDATION REPORT (contd)

Ms. Casto: (contd)

\$152,000 from the National Science Foundation for a workshop on strategies in undergraduate mathematics education.

\$150,000 from the National Science Foundation to study early history of the universe and the evolution of star galaxies.

\$75,000 from Sandoz to study bone marrow transplant.

\$172,000 from the National Dairy Promotion and Research Board for research on the influence of dietary fat on milk protein.

\$64,000 from the Council on International Educational Exchange for a workshop in English and American culture for Japanese teachers of English.

That concludes my report, Madam Chair.

Mrs. Bowser:

Do you want to tell us about the Research Foundation open house yesterday?

Ms. Casto:

I would like to ask John to tell us about it, because he was the star there.

Mr. Barone:

I think the stars were very plentiful, including Ms. Casto and Mrs. Bowser, our Chairperson. Dr. Tom Sweeney and Mary Ellen Sheridan, Acting Associate Vice President for Research Administration, gave us a tour through the Research Foundation. The improvement from the Research Foundation's prior building to this building is beyond my description. I think we now have one of the finest Research Foundation buildings. They have utilized every inch of space and have done a tremendous job on it. I think anyone that has donated or given projects to The Ohio State University Research Foundation will find that they will get the finest service that there is in the country.

I want to congratulate Tom and his staff. I have never seen a group of people work any finer together than the Research Foundation staff. I know that we have one of the best Research Foundations in the country. I only can estimate that in the future it will increase, even though the funds from the government are decreasing and it is getting more and more difficult to get projects. I think Ohio State should be proud for what it has and proud of the facilities. The employees are very happy and I think that that will reflect in the fine work that they will do, as well as the increase in financial funds.

Ms. Casto:

Thank you, John. I want to say that Dr. Sweeney gave John much of the credit for getting this building completed. He definitely was the momentum behind it. We are very proud that this was opened and dedicated yesterday.

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## RESEARCH FOUNDATION REPORT (contd)

Mrs. Bowser:

We also want to thank Dr. Sweeney for his hard work.

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## HOSPITALS BOARD COMMITTEE REPORT

Mr. Teaford:

On March 21, the Administrative/Operations Committee began its meeting with a review of the combined patient statistics for University Hospitals and the James Cancer Hospital. Combined admissions through February were 892 above budget and 1,072 above last year at the same time. Patient days were 7,433 above budget and 6,156 over last year. University Hospital's length of stay is very close to budget, while the Cancer Hospital's average length of stay is beginning to lengthen as expected.

Ms. Sigafos presented updates on safety and security, Certificate of Need applications, and renovation/construction projects. She also reported on the Hospitals' agreement with the University Ramada Hotel for patients and visitors. You should know now that it is possible to begin your check-in to the University Hospitals at the Ramada, where there is a facility which includes a nurse and there is transportation available from the Ramada to the Hospitals. One of the great problems has been that so many of our patients come from out of town and have found it difficult to get to the Hospitals. I think it is a major improvement in services available to patients. Ms. Sigafos also commented on the opening of the extended patient area and the hyperbaric chamber in the Emergency Department. That is the chamber which allows patients to be in pure oxygen. That hyperbaric chamber which is unique in Ohio, drew media attention because three children who were recently caught in a house fire were saved because they were able to go into that chamber and breath pure oxygen.

Mr. Maier presented an affiliates review focusing primarily on Med-Ohio. He pointed out that we have negotiated contracts for occupational medicine services, such as employee physicals and drug testing and are increasing the patient activity at selected sites. In April, our newest facility at Northland will begin giving pre-employment physicals for RN's and LPN's. Pre-admission testing, again another way to get you ready for the Hospitals and Cancer Hospital, will begin at the Arlington Med-Ohio. Another very significant development is that the College of Pharmacy is now rotating students through the Med-Ohio facilities. We should never lose sight of the fact that the principle motivation in acquiring the Med-Ohio facilities was to provide educational opportunities to our students. I think the addition of that College is a very important one.

The Optifast program for treatment and research on obesity is off to a good start with 129 people scheduled for orientation and more than 200 on a waiting list. The Sports Medicine Program, housed in the Camera Center -- the State's Center for Rehabilitation -- has cared for 123 patients in its first two weeks and has already scheduled 13 surgical procedures.

## HOSPITALS BOARD COMMITTEE REPORT (contd)

Mr. Teaford: (contd)

Mr. Schrock reported that development of a strategic financial plan has begun with the help of consultants. A computer model will be used to develop Ohio State University Hospitals' operating activities and objectives such as operating margin, capital expenditures, debt capacity, and net cash position and other such things. Factors to be incorporated will include: current operations; approved capital programs; growth rate; inflation in labor, supply and service costs; Cancer Hospital operating relationship and support; changes in payments to the Hospitals; technology; cost of capital; collection of receivables; and the College of Medicine and University relationships. A first draft is expected within the next month with the final plan expected within 60-90 days.

Mr. Fraley reported that The Ohio State University Hospitals will become a smoke-free environment on March 31. I cannot help but add that I think that is, in many ways, a fitting memorial to Dr. Havener who died recently. He committed himself tirelessly to achieving that status for our Hospitals. Mr. Fraley also updated the Committee on various issues including the Hospitals' approaches to excess liability coverage and late charges on patient bills; Ohio State University Hospitals' volunteer activities, which include relationships with the Columbus Public School System and Columbus State; renewal of the Hospitals' maternity licensure; and establishment of Doctor's Day on April 3. Mr Fraley indicated that budget cuts in state assistance programs and federal educational pass-throughs will impact substantially on the Hospitals.

At the March 21 Executive Committee meeting, Dr. Mekhjian and Dr. Smead reported on medical staff activities. Mr. Schrock presented the February financial report which showed that patient activity and revenues continue to vary substantially exceed our expectations. Net income year-to-day was \$428,000 versus a budgeted loss of \$1.16 million dollars. Cash receipts for the month were \$800,000 over budget. Accounts receivable remained stable with 100 net days' revenue in receivables. The Committee discussed University Hospitals' operating and financial relationships with the James Cancer Hospital. Something I suspect we will continue to do for a long time.

Mr. Schrock reviewed a consultant's letter outlining the different reimbursement mechanisms for healthcare services in the medical center and management strategies to ensure that we obtain all Medicare dollars to which we are legally entitled.

The Committee agreed unanimously that Hospitals Board members will embrace the conflict of interest policy applicable to Hospitals employees. Which I might say complies also with the state rule in that regard. This action was taken at the suggestion of the Joint Commission Surveyors -- in other words, the accreditation people -- that the Board should articulate its policy regarding the conflict of interest. The reason that no such policy has ever been articulated before is because that is an advisory board. The Committee also voted unanimously to authorize the purchase of an IBM ES/9000 computer in the coming fiscal year, due to both the Hospitals' acute need and the unexpected availability of this new line of computers at a better than anticipated price.

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## CANCER HOSPITAL REPORT

Mr. Barone:

Madam Chair, as of February 28, 1991, the year-to-date statistics for the Cancer Hospital showed admissions of 1,897 compared to a budget of 1,825. This equated to 14,871 patient days compared to a budget of 16,423. In February, total patient revenue was \$4.9 million, compared to a budget of \$3.8 million. The actual net loss was \$566,000 compared to a budget of \$572,000. Additionally, there were 271 admissions against a projection of 256, which equated to an average daily census of 82 patients and 2,304 patient days as projected.

In our operation over the past few months the James Cancer Hospital has continuously met or surpassed admissions, census, and patient day projections. Currently, the administration is examining the feasibility of opening an additional 12 beds. However, there is still concern over the expense incurred and therefore the following projects have been organized and established:

- A review and analysis of all of the ancillary and general purchased service contracts.
- The establishment of a Committee within the Cancer Hospital and Research Institute to review all hiring.
- A study of a comparative analysis of the level of FTE's and professional mix of inpatient and outpatient staffing as compared to other comparable healthcare institutions.
- The initiation of a 5-year climax of strategic planning process using the consultants of Ernst and Young.
- The initiation of an operational strategic planning process for the Cancer Hospital and Comprehensive Cancer Center using the consulting expertise of the Douglass Group.
- The continuation of a University based Finance Committee which reviews operational indicators and finances of the Cancer Hospital.
- The establishment of the 1991-92 fiscal budget with goals to maximize current resources, no new FTE's unless associated with a new program, and a reduction of the current operational deficit.

A current review of Development Funds indicates the following data: Current Balance in Endowments is \$6,854,000; Current Irrevocable Gifts is \$4,418,000 plus; Current Cash Gifts is \$874,950; and Current Estate Gifts is \$1,586,000, totaling \$13,734,000.

Reviews will be done monthly and reports will be available on a regular basis. You have before you Graphs of key indicators and if you study those, I think it will give you a better idea of what is transpiring at the Cancer Hospital, especially as to the average cost of our patients and other financial matters. That concludes my report, Madam Chair.

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**ACADEMIC AFFAIRS COMMITTEE REPORT**

Mr. Tonnies:

The Academic Affairs Committee met this morning and received a report from Dr. John Bossler who works at the Center for Mapping Studies. This is one of the several areas at Ohio State University involved in interdisciplinary areas. I've asked Provost Hutchinson to briefly discuss some of the highlights from this morning's presentation.

Dr. Hutchinson:

We chose to have this presentation this morning as an example of one of our major interdisciplinary centers. President Gee is emphasizing that we need to put more attention into interdisciplinary and we are doing that.

As an example, NASA, the National Atmospheric Space Administration, several years ago decided that it was time to spend part of their money in finding applications for a lot of the technologies that were developed earlier in major programs. We became one of the centers in the United States that they funded -- the Center for Mapping Studies. There are a number of U.S., small, family-size companies and major U.S. corporations now supporting this program, along with NASA.

One of the applications that has emerged from this is the fact that state highway departments from all over the United States have to keep detailed information on all of their highways in order to keep them up and maintain them. They now have developed, through this program, a vehicle with technology that via satellite records any information that you want as it travels down the highway at thirty miles an hour. It can give you information as to the exact location within one meter -- about three feet. They tell us that soon it will be a matter of inches. This has great implications for transportation departments. We are now in the process of licensing those who wish to use this application. Dr. Bossler told us that the revenues from this at some point in the future, maybe by 1995, would probably be in the vicinity of \$2 million dollars a year for the University. That is, if this technology is used as much as it appears it will.

This is just one example of the things that are coming from the Center for Mapping Studies. Thank you.

Mr. Tonnies:

In addition, the committee is recommending to the Board of Trustees the following resolutions:

**AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY**

Resolution No. 91-103

Synopsis: The Academic Affairs Committee recommended the approval of the following amendments to the Rules of the University Faculty.

WHEREAS the University Senate pursuant to rule 3335-1-09 of the Administrative Code is authorized to recommend through the President to the Board of Trustees the adoption of amendments to the Rules of the University Faculty as approved by the University Senate; and

**AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)**

WHEREAS the proposed changes in the Rules of the University Faculty were approved by the University Senate on March 2, 1991, as follows:

**Amended Rules**

3335-5-47 Organizing committees of the senate.

(A) The senate shall have three organizing committees (see rules 3335-5-471 to 3335-5-473 of the Administrative Code):

- (1) Steering committee;
- (2) Program committee;
- (3) Rules committee.

(B) Membership.

(1) The president shall appoint members of the administration; the council of graduate students, the inter-professional council, and the undergraduate student assembly shall select members of their own constituency using procedures adopted by their respective bodies. Members of the faculty council serving the following year shall elect members of the faculty from a ballot prepared by the executive committee of the faculty council. The ballot shall be based on nominations solicited in writing from the faculty. The ballot shall include at least one more name than there are positions to be filled and shall provide space for write-in votes for each committee.

(2) Only members of the senate may serve on organizing committees.

(3) Terms of service.

- (a) Faculty members shall serve two-year terms and shall not be eligible for immediate reelection until one full year has elapsed unless they have served less than two-thirds of a full term.
- (b) Student members shall serve one-year terms and shall be eligible for reappointment.
- (c) Appointed administration members shall serve two-year terms and shall not be eligible for immediate reappointment until one full year has elapsed unless they have served less than two-thirds of a full term.
- (d) Multi-year terms shall be staggered so that approximately equal proportions of the number of members retire each year.

(C) Organizing committees are also governed by the provisions of rule 3335-5-46 of the Administrative Code.

3335-5-48 Standing and special committees of the senate.

(A) The senate may establish such standing and special committees as it deems necessary or desirable.

**AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)**

- (1) The standing committees of the senate are those committees defined in rules 3335-5-481 through 3335-5-4816 of the Administrative Code.
- (2) A special committee is one established to carry out a specified task, at the completion of which it automatically ceases to exist.

**(B) Membership.**

- (1) All standing and special committees of the senate shall include at least one regular faculty member of the senate.
- (2) Unless otherwise specified by the rules, or by the senate, the president shall appoint members of the administration; the council of graduate students, the inter-professional council, and the undergraduate student government shall select members of their own constituency using procedures adopted by their respective bodies. Members of the faculty council serving the following year shall elect members of the faculty from a ballot prepared by the executive committee of the faculty council. The ballot shall be based on nominations solicited in writing from the faculty. The ballot shall include at least one more name than there are positions to be filled and shall provide space for write-in votes for each committee.
- (3) Terms of service. Unless otherwise specified by the rules, student members shall serve one-year terms and be eligible for reappointment; voting faculty and appointed administrative members shall serve three-year terms and shall be ineligible for immediate reelection or reappointment until one full year has elapsed unless they have served less than two-thirds of a full term. Multi-year terms shall be staggered so that approximately equal proportions of the number of members retire from the committee each year.

**(C) Standing and special committees are also governed by the provisions of rule 3335-5-46 of the Administrative Code.**

**NOW THEREFORE**

**BE IT RESOLVED**, That the foregoing amendments to the Rules of the University Faculty be adopted as recommended by the University Senate.

Upon motion of Mr. Teaford, seconded by Mr. Celeste, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**AMENDMENTS TO THE MEDICAL STAFF BYLAWS AND RULES AND REGULATIONS**

Resolution No. 91-104

Synopsis: The Academic Affairs Committee recommended the approval of amendments to the Medical Staff Bylaws and Medical Staff Rules and Regulations.

April 5, 1991 meeting, Board of Trustees

**AMENDMENTS TO THE MEDICAL STAFF BYLAWS AND  
RULES AND REGULATIONS (contd)**

WHEREAS The Ohio State University Hospitals Board pursuant to Bylaw 3335-101-04 of the Hospitals Board Bylaws is authorized to recommend to the Board of Trustees the adoption of amendments to the Medical Staff Bylaws and Medical Staff Rules and Regulations; and

WHEREAS the proposed amendments to the Medical Staff Bylaws 3335-43-04 and 3335-43-12 and Medical Staff Rules and Regulations 84-04 and 84-12 were previously approved by the University Hospitals Board as follows:

**AMENDED BYLAWS**

3335-43-04 Membership.

(A) through (D) unchanged.

(E) Procedure for appointment.

- (1) The written and signed application for membership on the medical staff shall be presented to the chief of the clinical department. The applicant shall include in the application a signed statement indicating that if he should be accepted to membership on the medical staff, he agrees to be governed by the bylaws, rules and regulations of the medical staff, the university hospitals board and the board of trustees of the Ohio state university. Signing the application also constitutes a consent to be interviewed in regard to the application, authorizes university hospitals to consult with members of the medical staffs of other hospitals with which the applicant has been or has attempted to be associated, and with others who may have information bearing on his competence, character and ethical qualifications. The applicant also consents to university hospitals' inspection of all records and documents that may be material to the evaluation of his professional qualifications and competence to carry out the clinical, medical and educational privileges for which he is applying as well as his professional ethical qualifications for medical staff membership and further releases from any liability all representatives of university hospitals for acts performed concerning this process. The applicant has an affirmative duty to disclose any prior or current challenges to his licensure or any loss of membership in any medical, dental, or podiatric professional organization or loss of medical staff membership or privileges at any other hospital. Upon request of the medical staff administrative committee or university hospitals board, the applicant will document his physical and mental status with sufficient adequacy to demonstrate that any patient treated by the applicant will receive care of a generally professionally recognized level of quality and efficiency. The conditions of this paragraph shall be deemed continuing and may be applicable to issues of continued good standing as a member of the medical staff.
- (2) Each chief of a clinical department will be responsible for investigating and verifying the character, qualifications, and professional standing of the applicant and shall submit a report of those findings and recommendations to the medical director of university hospitals who shall forward the application to the medical staff administrative committee for action. The chief of the clinical department shall be responsible to see that each applicant is reviewed and reported upon within three months.

**AMENDMENTS TO THE MEDICAL STAFF BYLAWS AND  
RULES AND REGULATIONS (contd)**

- (3) The medical staff administrative committee shall recommend to the medical director and the chief of the clinical department that the application be accepted, further investigated, or rejected. The medical director will forward the application, with recommendations of the chief of the clinical department, and his own recommendations, to the university hospitals board. The university hospitals board shall make their recommendation to the board of trustees of the Ohio state university by communicating through the president of the Ohio state university.
- (4) When the board of trustees of the Ohio state university has acted, the secretary of the board shall inform the chief of the clinical department to transmit the decision to the applicant and, if appropriate, to the chief of the clinical division. The secretary of the board shall also notify the dean of the college of medicine, the medical director and the executive director of the university hospitals of the decision.

Balance unchanged.

**3335-43-12 Amendments.**

There will be a standing bylaws committee which will review the bylaws and rules and regulations as need arises but not less than every two years. This committee will recommend changes to the medical staff administrative committee.

These medical staff bylaws may be amended after notice is given at one meeting of the medical staff administrative committee. Such notice shall be laid on the table until the next meeting and shall require two-thirds vote of the members of the medical staff administrative committee present for approval and submission to the medical staff for ratification. Ratification of an amendment shall be by a plurality of those medical staff members voting through written ballot. When an amendment is approved by the medical staff administrative committee and ratified by the medical staff it shall be forwarded in successive order to the following: the university hospitals board; the president of the Ohio state university; and the board of trustees of the Ohio state university. Each of the foregoing reviewers shall accept or reject the requested amendment. The amendment shall become effective when accepted by the board of trustees of the Ohio state university in the form ratified by the medical staff.

**84-04 Order writing privileges.**

- (A) "Definition of "Patient Orders."

A patient order(s) is a prescription for care or treatment of inpatients, outpatients or emergency patients which is written, dictated verbally, to an RN or RPh and signed by a medical practitioner. Patient orders may be written initially, renewed, discontinued or cancelled.

- (B) Responsible medical practitioner.

The licensed physician, dentist or podiatrist (under medical doctor supervision) member of the staff responsible for the hospitalization or outpatient care, and treatment of the patient is responsible for all orders for the patient. Attending, courtesy, and honorary medical staff may designate members of the limited staff to write orders under their direction. The attending staff member may also designate members of the pre-M.D. medical student group to write orders, but in all cases the orders shall be signed by the

**AMENDMENTS TO THE MEDICAL STAFF BYLAWS AND  
RULES AND REGULATIONS (contd)**

physician, dentist, podiatrist or designated limited staff member who has the right of practice of medicine, dentistry or podiatry and who is responsible for that patient's care. Orders may not be written or received by physician assistants or other paramedical personnel. All written orders must be signed by the medical practitioner prior to the execution of the order(s) by the hospital or outpatient nursing staff or other professional groups.

Patient orders written by "off-service" house officers or consultant staff must be countersigned by the responsible practitioner or his designee. Exception may be made in the event of preoperative orders or in the instance of acknowledged co-management; e.g. the intensive care unit or recovery room.

(C) Telephone and verbal orders.

Telephone and verbal orders may be given by the responsible attending physician, dentist, podiatrist or limited staff officer only to the registered nurse or pharmacist, or respiratory therapist, in their respective areas of expertise. The order is to be written and signed by the nurse, pharmacist, or respiratory therapist to whom it is dictated as "verbal order by Dr. ," or "V. O. by Dr. ," giving the medical practitioner's name and hour, followed by the nurse's, pharmacist's, or respiratory therapist's signature. All telephone and verbal orders must be authenticated within 24 hours by signature of a licensed physician, dentist, podiatrist, or limited staff member or his/her designee.

Balance unchanged.

84-12 Medical records committee.

(A) unchanged.

(B) (1) unchanged.

(2) Deadlines and sanctions

(a) The complete history and physical examination shall be recorded on the patient's chart no later than 24 hours after admission of the patient.

(b) When the history and physical examination, including the results of indicated laboratory studies and x-rays and the attending staff's notes, are not recorded in the chart before the time stated for a procedure, the procedure cannot proceed until the history, physical, and laboratory results are entered into the chart. In cases where such a delay would likely cause harm to the patient, this condition shall be entered into the chart by the attending physician, and the procedure may begin. When there is a disagreement concerning the urgency of the procedure, it will be adjudicated by the medical director or his designee.

**AMENDMENTS TO THE MEDICAL STAFF BYLAWS AND RULES AND REGULATIONS (contd)**

- (c) All procedures performed shall be fully described in the record by the responsible physician or the physician's designee immediately upon completion of the procedure. An operative report must be dictated immediately following the procedure. The transcribed operative report must be signed by the attending surgeon within 21 days of the patient's discharge. Any operative report not dictated by 10:00 a.m. the day following the procedure shall be deemed delinquent and the attending surgeon responsible will lose operating room privileges that day and admitting privileges the following day. Surgeons will receive phone calls from the medical record administrator indicating the delinquent operative reports. A list will be prepared and distributed monthly by the medical record administrator indicating the surgeons suspended during the previous month. The pathologist shall make such examination as necessary to arrive at a satisfactory diagnosis. The pathologist's report shall then be included on the patient's record.

Balance unchanged.

NOW THEREFORE

BE IT RESOLVED, That the foregoing amendments to the Medical Staff Bylaws and Medical Staff Rules and Regulations be adopted as recommended by the University Hospitals Board.

Upon motion of Ms. Casto, seconded by Mr. Teaford, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**PERSONNEL ACTIONS**

Resolution No. 91-105

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the March 1, 1991 meeting of the Board, including the following Appointment, Appointment of Chairpersons of Academic Faculty and Department and Director of Hospital, Reappointment of Chairpersons of Departments, Leave of Absence Without Salary, Leave of Absence Without Salary--Change in Dates, Professional Improvement Leave--Change in Dates, Emeritus Titles, and Medical Staff--Appointments (The Arthur G. James Cancer Hospital and Research Institute), as detailed in the University Budget be approved and the Medical Staff Appointments approved February 21, 1991, by the Hospitals Board be ratified.

Appointment

Name:	EDWARD F. HAYES
Title:	Vice President and Professor
Office/Department:	Research/Chemistry
Effective:	July 1, 1991
Salary:	\$150,000.00
Present Position:	Vice President for Graduate Studies, Research and Information Systems, Rice University



April 5, 1991 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

Emeritus Titles (contd)

RAYMOND H. WEHNER, Department of Theatre (Newark Campus), with the title Assistant Professor Emeritus, effective April 1, 1991.

WILLIAM G. PACE, Department of Surgery, with the title Clinical Professor Emeritus, effective April 1, 1991.

Medical Staff--Appointments (The Arthur G. James Cancer Hospital and Research Hospital)

ERIC M. HUMPHREYS, M.D., Associate Attending Staff, Department of Anesthesiology

MICHAEL J. SULLIVAN, M.D., Attending Staff, Department of Otolaryngology

Medical Staff--Appointments (The Ohio State University Hospitals)

BURGERS, JOHN K., Attending Staff, Department of Surgery-- Division of Urology

CHAMBERS, MARK J., Attending Staff, Department of Anesthesiology

KING, KATHLEEN P., Courtesy Staff, Department of Internal Medicine-- Division of General Medicine

MARAR, UNNI K., Limited Staff, Department of Internal Medicine-- Division of General Medicine

SCHULTE, GREGORY T., Limited Staff, Department of Anesthesiology

VIESSELMAN, JOHN O., Attending Staff, Department of Psychiatry-- Division of Child Psychiatry

Upon motion of Mr. Shumate, seconded by Mr. Celeste, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**RESOLUTIONS IN MEMORIAM**

Resolution No. 91-106

Synopsis: The Academic Affairs Committee recommended the approval of the following Resolutions in Memoriam.

RESOLVED, That the Board adopt the following Resolutions in Memoriam and that the President be requested to convey a copy to the families of the deceased.

Lester A. Cronin

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on February 25, 1991, of Lester A. Cronin, Instructor Emeritus in the Cooperative Extension Service.

April 5, 1991 meeting, Board of Trustees

## RESOLUTIONS IN MEMORIAM (contd)

Lester A. Cronin (contd)

Mr. Cronin was born June 27, 1903, in Monroe County, where he subsequently taught elementary school from 1923 to 1925. He received his B.S. in Agricultural Education from The Ohio State University in 1929 and taught Vo-Agriculture until 1935 in Washington County, Ohio. From 1933 to 1935, he assumed the dual role of High School Superintendent and Vo-Agriculture teacher in Washington County.

Mr. Cronin began his Extension experience in Ohio when he joined the faculty at The Ohio State University in 1936 as an Assistant County Agricultural Agent in Washington County. On July 1, 1938, he became the County Agricultural Agent in Tuscarawas County and continued in this position until his retirement in 1966. He also found time to enroll in graduate courses at The Ohio State University and Colorado State University.

Mr. Cronin served as President of the Ohio Agricultural Extension Agents Association in 1957, and received the distinguished service award from the national association in 1956. He was honored with the 1983 Golden Rose Award by the Ohio Outdoor Historical Drama Association and the same year received the Zeisberger-Heckewelder Medal from the Tuscarawas County Historical Society for his work in founding the outdoor drama. He also received an exemplary service award in 1990 from the Salvation Army for having served on every Salvation Army Board committee during his many years of service with the organization.

Mr. Cronin guided many projects as an Extension Agricultural Agent, including: an active dairy service unit to promote artificial breeding, testing and herd health programs which reduced disease in dairy and beef herds; county beef, sheep, poultry, and swine enterprises; a tri-county feeder pig sale; fruit and potato growers' organizations; and tree-planting projects over a 25-year period which resulted in more than ten million new trees being planted in Tuscarawas County.

Mr. Cronin's contributions in providing excellent Extension educational programs during his career earned him the respect and admiration of his co-workers and many thousands of Ohio citizens throughout the length and breadth of Tuscarawas County.

On behalf of the University community, the Board of Trustees expresses its sympathy and understanding to the family and friends of Mr. Cronin. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees as an expression of the Board's heartfelt sympathy.

Jack H. Richmond

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on November 30, 1990, of Dr. Jack Hubert Richmond, Professor Emeritus in the Department of Electrical Engineering.

Dr. Richmond was born in Kalispell, Montana, on July 30, 1922. In 1940 after graduating from high school, he began serving in the United States Navy. While in the Navy, he served for one year as an Instructor in the Navy Radio Technician Schools. He attended Lafayette College and earned a Bachelor of Science degree in Electrical Engineering, graduating Summa Cum Laude and with departmental honors in Electrical Engineering in 1950. Dr. Richmond began graduate study at The Ohio State University that same year, but was soon recalled to active duty in the Navy and served as an Electronics Technician Chief. Upon his second discharge from military service, he re-entered OSU and received a Master of Science degree in electrical engineering.

April 5, 1991 meeting, Board of Trustees

### RESOLUTIONS IN MEMORIAM (contd)

Jack H. Richmond (contd)

While pursuing Ph.D. studies, Dr. Richmond began his University service in 1952 by joining the OSU Antenna Laboratory (now the ElectroScience Laboratory) where he served first as Research Assistant and later as Associate Supervisor. Upon receiving the Doctor of Philosophy degree in 1955, he joined the University faculty as Assistant Professor of Electrical Engineering.

Throughout his 35-year career on the faculty he performed outstanding research on antennas, antenna arrays, microwave techniques, and numerical approaches to the solution of electromagnetics problems. He published approximately 60 technical papers and two book chapters in these areas. All of these papers made significant contributions to the understanding of antennas and microwave theory; many of them made fundamental contributions. Dr. Richmond gained national and international recognition for his work in the field of electromagnetics.

He is best known for two fundamental contributions: one is the application of the method of moments to electromagnetics problems; the other was his continuous development, over a number of years, of numerical approaches to problems which are too complex for closed, analytical solutions. He was a pioneer in both of these areas, and some of the programs which he developed are still among the best available anywhere in the electromagnetics community. It should also be noted that Dr. Richmond was very generous in sharing his programs and research results with other faculty members and researchers. To no small extent, because of his work, the ElectroScience Laboratory became and remains a national leader in the application of numerical techniques and the method of moments to electromagnetics problems.

In recognition of his work, he was elected a Fellow of the Institute of Electrical and Electronics Engineers (IEEE) in 1980 and Life Fellow in 1988. He was also awarded the IEEE Centennial Medal in 1984. In 1985, he was presented the ElectroScience Laboratory George Sinclair Award in recognition of his work on moment methods.

Dr. Jack Richmond epitomized the scholarly pursuits that are the essence of a successful University. He made fundamental contributions to knowledge continuously over a 35-year period and brought honor and distinction to himself and to our University.

On behalf of the University community, the Board of Trustees expresses to the family of Dr. Jack H. Richmond its deepest sympathy. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's realization of the loss that the family, the University, and his many friends and associates have sustained.

Upon motion of Mr. Celeste, seconded by Mr. Shumate, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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### STUDENT AFFAIRS COMMITTEE REPORT

Ms. Paige:

This morning the Student Affairs Committee reviewed a proposal for the 1991-92 Student Health Insurance Program presented by Mr. Larry Lewellen, Coordinator of Benefits and Insurance at Ohio State University, and Dr. Forrest Smith, Acting Director of Student Health Services. Our Committee recommends the acceptance of the central benefit renewal quote, increasing the base premium rate including

**STUDENT AFFAIRS COMMITTEE REPORT (contd)**

Ms. Paige: (contd)

capitation fees and deposit handling fees of 13 percent for single coverage. The Committee also recommends that inclusion of five improved benefits, adding an additional 5.4 percent to the new premium rate. These adjusted benefits enhance coverage significantly by: 1) doubling the coverage period under the major medical expense benefit to 48 months; 2) lifting the pre-existing condition exclusion after one year of continuous participation in the program; 3) doubling the benefit for outpatient and emergency room treatment to \$100.00; 4) doubling the preventive medical benefits for immunization and inoculation to \$70.00 per academic year; and 5) increasing the preventive dental benefit for cleaning and x-ray to the rate being charged in 1991-92 at the Student Health Services.

**STUDENT HEALTH INSURANCE**

Resolution No. 91-107

**Synopsis:** The Student Affairs Committee recommended the Renewal of the Student Health Insurance Program with Central Benefits Mutual Insurance Company.

**WHEREAS** on May 4, 1989, this Board awarded a two (2) year contract (effective Autumn Quarter 1989) following a competitive bid process; and

**WHEREAS** the University now has the opportunity to competitively bid the program or to seek renewal of the program with the current carrier; and

**WHEREAS** the current carrier, Central Benefits Mutual Insurance Company, has offered renewal rates that are very competitive in the insurance market and appropriate to our history of claims experience; and

**WHEREAS** after consideration of the desires and concerns of the students who purchase the insurance, the Student Health Insurance Committee of the Council on Student Affairs has recommended--and the full Council on Student Affairs has ratified this recommendation--that the current contract be renewed at the specified rates to provide the existing benefits plus the following benefit improvements:

- (a) Extension of the maximum coverage period from twenty-four (24) months to forty-eight (48) months per illness;
- (b) Removal of the pre-existing condition exclusion for a policyholder and dependents after one (1) year of continuous participation (currently not removed);
- (c) Increase in the maximum benefit for outpatient treatment of medical emergency by hospital from \$50 to \$100 per occurrence;
- (d) Increase in the medical benefit for immunizations and inoculations from \$35 to \$70 per academic year;
- (e) Increase in the preventive dental benefit for cleaning from \$20 to \$25, and from \$30 to \$37 for x-rays; and

April 5, 1991 meeting, Board of Trustees

**STUDENT HEALTH INSURANCE (contd)**

WHEREAS this program will be available on an optional basis to all registered students for the following proposed Quarterly Premium Rates:

<u>Classification</u>	<u>Expiring Quarterly Rates 1990-91</u>	<u>Proposed Quarterly Rates 1991-92</u>
Student	\$ 98	\$ 116
Student & Spouse	239	285
Student & Children	307	366
Student, Spouse & Children	450	537

**NOW THEREFORE**

BE IT RESOLVED, That Central Benefits Mutual Insurance Company be approved for renewal of the Student Health Insurance Contract effective the first day of classes, Autumn Quarter 1991, for a period of one (1) year. The contract will provide the benefits outlined above as well as those now available under the terms of the current contract.

Upon motion of Mr. Shumate, seconded by Mr. Teaford, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

Ms. Paige:

Next, we heard reports from the student government leaders.

Mr. Mark Slivka:

IPC has recently surveyed the 5 major issues facing the professional students. They include tuition increases, parking, campus safety, library hours, and football tickets.

With the Athletic Council meeting approaching on April 11, I would like to address the ticket allocation policy. The present ranking system favors undergraduates and allocates seats based on class rank with undergraduate seniors receiving first priority, followed by juniors, sophomores, freshman, and then graduate and professional students. Undergraduate students sit in the northwest section, beginning on the 50-yard line extending north, and the professional and graduate students sit in the south stands and any overflow are placed in field seats.

We did a preliminary survey regarding this policy and found that 33 percent of the students polled said that the reputation of intercollegiate athletics at OSU was a factor in their decision to attend professional and graduate school here. Ninety percent of those students polled feel as though they are being discriminated against by the current policy, and 80 percent of these students feel that this discrimination will negatively affect their loyalty in future financial contributions to The Ohio State University. Obviously, this is a situation that needs to be looked at more closely.

April 5, 1991 meeting, Board of Trustees

### STUDENT AFFAIRS COMMITTEE REPORT (contd)

Mr. Slivka: (contd)

Looking at the other Big 10 ticket policies, OSU stands alone; Michigan State, Iowa, Indiana, Purdue, Penn State, and Michigan all give priority either by years of enrollment or years of ticket purchase; and the remaining schools have a first come, first serve policy.

With growing budget constraints, the Alumni support is obviously very important. To eliminate any negative feelings toward OSU and possible lack of future contributions by professional students, we have proposed to eliminate this discrimination in the current policy by treating all three student bodies equally. Those students in their fourth or fifth year, undergraduate, professional, or graduate school, should be given highest priority, and those in their first year, given lowest priority. Now we submitted this to the Subcommittee on Ticket Allocations which met last week and they rejected it flat out. They had very strong support for undergraduate priority regardless of the situation. However, the issue will be brought up in the next Athletic Council meeting and it will be on the agenda. We are asking the Board of Trustees to consider this matter seriously before this is rejected next week -- which potentially it will. You might be able to do something about it for next year. We are putting together petitions now, we have over 1,000 signatures, but the Subcommittee on Ticket Allocations is just brushing it to the side. They see no room for change. Any questions?

Ms. Paige:

Mark, are you saying that a first-year medical student would be considered a freshman again, or are you saying that you accumulate years, so you would be considered a fifth-year student?

Mr. Slivka:

The other schools accumulate years, but with the way we are set up right now it would be easier if we put everybody at rank one if they are in their first year; everybody that is in their second year, rank two; third year, rank three; fourth year, rank four. Treat all the student bodies equally, and allocate tickets that way.

Mr. Tonnies:

Did you revise your proposal during the discussion at all? Perhaps graduate and professional students could be considered together and leave the undergraduate factor out of it right now. Just have the professional graduate students ranked on years of enrollment or years in an academic unit.

Mr. Slivka:

The graduate and professional students are put in the south stands and the overflow goes into the field seats. All the ticket committee wants to do is put a ranking within ourselves, within the graduate and professional students, but all that would do would be to move us from the first row in the south stands to the top of the south stands. That is what they would like to see done, but that is not worth it to us. I think that is just an escape valve on their part. There is very strong opposition to giving priority to any professional or graduate student, and they are not real specific about the reasons. It seems very trivial, but we, the students, are very serious about this.

April 5, 1991 meeting, Board of Trustees

### STUDENT AFFAIRS COMMITTEE REPORT (contd)

Ms. Paige:

Next we will hear from Miss Benneta Burton, President of the Council of Graduate Students.

Ms. Benneta Burton:

First, I would like to respond to Mark. The person on the Athletic Council from the graduate students is proposing that tickets be based on the number of hours. As one accumulates hours, then you would get a greater ranking and better seating for athletic events. I don't know how that will come out, but he is going to propose that within the coming week, so we will find out if that situation changes.

I want to share with you a couple of things that we are doing. You know about the 1991 Graduate Research Forum which will be on April 20. I hope you have received your invitations and would consider coming to the awards luncheon. We have 61 students that were selected by faculty to present their research and we believe that this is an incident where we can showcase the excellent research that occurs at Ohio State.

Along with that, this past Tuesday, we held a workshop on presenting research at academic conferences. The workshop was given by Dr. John Stegman from the College of Business, and Dr. Lowell Pigess from the College of Agriculture, and it was a successful event. We had 60 students and many of them appreciated the topics that were presented. The presenters emphasized, for instance, color visuals aids and being enthusiastic to let them know that your research is the best.

We also have had our first ever child care fair. We had a speaker from the Action for Children Agency, an agency which monitors home care providers. We want to thank Dr. Meeks' office, a lady named Nancy Blosser that told us about the legalities of having a child care fair -- a network where graduate students can exchange hours to share in child watching. She gave various tips about parenting that many of them appreciated. For instance, how to deal with separation anxiety. We had a low number of students and they also brought their children which was interesting. But they really appreciated the fair. We are going to have another one Tuesday April 9.

The committee wants to open it up for any student, faculty, or staff member. I'm kind of hesitant on that matter because I am afraid of the flood. I thought it was very useful and people will benefit from it.

Next, I want to speak about the Governor's budget. I believe it is going to indicate some hard times for Ohio State, but our concern is that graduate students and professional students are not unduly tapped for tuition increases. We don't want to be hit by the kind of increases that perhaps occurred a couple of years ago. We are having Dr. Herb Asher come and speak to the Council about the budget situation. We are also planning a letter writing campaign to our legislators to try and influence them. We want them to invest now in the graduate students, because we are the leadership for tomorrow. That is all that I have to report.

Ms. Paige:

Next, we will hear from Mr. Mike Clark.

April 5, 1991 meeting, Board of Trustees

### STUDENT AFFAIRS COMMITTEE REPORT (contd)

Mr. Mike Clark:

Good morning. As we see the year start to draw towards an end, we are looking back and evaluating some of the things we have accomplished. One of our original goals that we set when we first came in office, Jamie and myself, was that in the Spring Quarter if you walked up to any student and ask what USG was, they could tell you something about it. We thought that would be an excellent compliment to the things we have done or accomplishments that we have had. I think next week will be the appropriate time for the students to go ahead and do that -- give us a chance to see how much we have been doing.

Next week, Wednesday and Thursday, we do have our elections for the new student government officers. It is unfortunate that some of them could not make it here this morning. We did tell them about the Board of Trustees, but I think that they are busy being in the middle of the campaign process right now. We have an expected turnout of approximately 20 percent of the student body, which would probably be three times more than in the years past. We think that this will not only be a reflection of what the student government has been doing this year, but that students are emerging from that apathetic role to getting more involved. So we not only want to take advantage of them becoming less apathetic, but we thought we could channel this energy and use it to help the University as a common good.

For example, with the budget crisis coming up, as Benneta has indicated, we are also working on a letter writing campaign. We are going to try and incorporate that somehow in with the election process next week. If we do get that expected 20 percent turnout we are hoping to get about 7,000 letters to the House of Representatives. We are going to be taking those down to the State House to urge our legislators to give higher education a little better mind. So, I want to let you know that.

I think the students are going to be a little more involved this year, than two years ago. I think that we can all work together. Our student government is working with the Senate Committee on Legislative Affairs, Dr. Asher, and the Ohio Student Association, and we will be doing several different testimonies. At this time, I would like to entertain any questions that you may have.

President Gee:

Mike, you mean to say that you were not elected by over 50 percent of the students?

Mr. Clark:

No, I was not.

President Gee:

That is a shocking revelation.

April 5, 1991 meeting, Board of Trustees

### **STUDENT AFFAIRS COMMITTEE REPORT (contd)**

Mr. Clark:

May 16, will be our last day in office; the next meeting, of course, will be our last meeting. Just to let you know, there is a Mike Clark graduation present fund, accepting any donations that you would like to make, of any size whatsoever. I am ending my 5 years as an undergraduate in June.

Ms. Paige:

That concludes the student affairs committee meeting.

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### **AGRICULTURAL AFFAIRS COMMITTEE REPORT**

Ms. Casto:

We had a report today on endowed chairs in the College of Agriculture, which was really interesting. The first chair they talked about was the J. T. (Stubby) Parker Chair Fund in Dairy Foods, which is filled by James Martin, Professor of Food Science and Technology. Dr. Martin conducts research with cultured dairy products, which includes cottage cheese, yogurt, and other fermented foods. He teaches Food Microbiology and Safety and a course in fermented foods.

The Carl E. Haas Chair in Food Industries is filled by Charles V. Morr, Professor of Food Science and Technology. Dr. Morr's major responsibility is to conduct basic applied research to diverse new and improved processing and fractionation technologies for producing soy protein isolates and cheese whey protein concentrates with improved composition, functionality, and flavor.

The next chair that we heard about was The Farm Income Enhancement Endowed Chair by Thomas Sporleder, Professor of Agricultural Economics and Rural Sociology. Dr. Sporleder directs the Farm Income Enhancement Program, a multidisciplinary research and outreach activity, focused on the analysis of innovative means of increasing agricultural income. The primary outreach activities of the Program are conferences and symposia. The Program has a 15-member Advisory Committee composed of farmers and agribusiness leaders. Dr. Sporleder's primary research interests are in the area of marketing and finance.

The Anderson Chair in Agricultural Marketing, Policy and Trade is filled by Luther Tweeten, Professor of Agricultural Economics and Rural Sociology. Dr. Tweeten directs research in agricultural policy, macroeconomic policy affecting agriculture, and international agricultural trade. He teaches courses in agricultural policy and trade. Anderson Chair funds are also used to support graduate students, visiting scholars in residence, and visiting lectureships. The program Chair travels widely, performing advisory and educational responsibilities with individuals and groups in Ohio, the U.S., and numerous foreign countries.

That concludes my report.

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April 5, 1991 meeting, Board of Trustees

**FISCAL AFFAIRS COMMITTEE REPORT**

Mr. Shumate:

The Fiscal Affairs Committee is recommending approval for the following resolutions:

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS**

Resolution No. 91-108

Synopsis: The Fiscal Affairs Committee recommended the approval of the following reports on contracts, grants, and gifts and the summary for February 1991.

WHEREAS monies are solicited and received on behalf of the University from governmental, industrial, other agencies, alumni, and various individuals in support of research, instructional activities, and service; and

WHEREAS such gifts and grants are received through The Ohio State University Research Foundation, the Engineering Experiment Station of The Ohio State University, The Ohio State University Development Fund, and The Ohio State University Foundation:

NOW THEREFORE

BE IT RESOLVED, That the research agreement between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the reports from the Engineering Experiment Station, The Ohio State University Development Fund, and The Ohio State University Foundation during the month of February 1991 be approved.

Upon motion of Ms. Casto, seconded by Mr. Teaford, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

Background

FEBRUARY 1991

<u>Source</u>	<u>7/1/89-2/28/90</u>	<u>7/1/90-2/28/91</u>	<u>February 1991</u>
The Ohio State University Research Foundation	\$77,065,607.61	\$84,340,761.03	\$11,266,011.94
Engineering Experiment Station	\$ 4,311,678.00	\$ 4,754,630.00	\$ 269,444.00
OSU Foundation and Development Fund	\$27,296,131.00	\$34,294,222.00	\$ 4,607,501.00
The Ohio State University Development Fund			
Establishment of Named Funds			
The Richard W. Trott Professorship Fund (Endowed Professorship in Architecture)			\$ 217,015.00

April 5, 1991 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

Background (contd)

FEBRUARY 1991 (contd)

The Ohio State University Development Fund (contd)

Establishment of Named Funds (contd)

The Myrtle Wolcott Cram Scholarship Fund (Scholarships - Human Ecology)	\$ 196,089.83
The Myrtle Wolcott Cram Memorial University Scholarship Fund (Merit Scholarships)	\$ 196,089.82
The Richard J. Solove Chair in Cancer Medical Therapeutics Research Fund (Salary and program support for distinguished scholar)	\$ 100,000.00
The Presidents Club University Scholarship Fund (Merit scholarships)	\$ 28,735.00
The Dallas/Fort Worth Alumni Scholarship Fund (Scholarships for students in the Fort Worth/ Dallas Area)	\$ 25,000.00
The Herbert G. Utz Memorial Scholarship Fund (Scholarships - Civil Engineering)	\$ 20,691.86
The Ava King Brown Endowed Scholarship Fund (Scholarships - students attending Marion Campus)	\$ 20,000.67
The Fuller Conservation Endowment Fund (Support research by the Department of Geological Sciences)	\$ 20,000.00
The Dr. George R. App Periodontal Endowment Fund (Third-year postdoctoral students to attend a professional meeting)	\$ 16,295.00
The Jane Peppard Endowed Scholarship Fund (Scholarships for students at the Marion Campus)	\$ 15,500.00
The Virginia M. Vivian Graduate Research in Human Nutrition Endowment Fund (Support graduate student research projects in human nutrition)	\$ 15,306.96
The Theodore R. Simson Mortgage Banking and Banking Fund (Fund videotape presentations)	\$ 15,001.00
The Design Group, Inc., Minority Scholarship Fund (Scholarship - Department of Architecture)	\$ 15,000.00

April 5, 1991 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

Background (contd)

FEBRUARY 1991 (contd)

The Ohio State University Development Fund (contd)

Establishment of Named Funds (contd)

The Leppo Scholarship Fund  
(Scholarships students enrolled in Power  
Equipment Technology at ATI)

\$ 15,000.00

The Bevlyn Simson Painting Exhibition Fund  
(Fund an invitational exhibition of painting  
and printmaking)

\$ 15,000.00

Change in Description of Named Funds

The Robert E. Georges Scholarship Fund  
The Paul G. Korn and Gary B. Korn Scholarship Fund  
The L. Charles Nicklaus Golf Scholarship Fund  
The Minnie Price Scholarship Fund  
The C. H. Summerson Endowment Fund

The Ohio State University Foundation

Approval of Description and Establishment of Fund

The Betty Frank Schoenbaum Critical Difference  
For Women Re-Entry Scholarship Fund

\$ 25,000.00

April 5, 1991 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Report - February 1991

#### Federal Research Contracts/Grants

\$2,067,000.00 - Department of Energy, Argonne, Illinois, High Energy Physics, Department of Physics (High Energy Physics Group: S. Durkin, H. P. Kagan, R. D. Kass, T. Y. Ling, W. F. Palmer, S. S. Pinsky, N. W. Reay, K. Reibel, T. A. Romanowski, J. Shigemitsu, R. A. Sidwell, N. R. Stanton, G. Steigman, K. Tanaka, and W. W. Wada), 1 January 1991 through 31 December 1991. (Project 762116 - Continuation)

\$1,250,000.00 - National Aeronautics and Space Administration, Washington, D.C., A Center for the Commercial Development of Space: Real-Time Satellite Mapping, Center for Mapping (J. D. Bossler), Department of Geodetic Science and Surveying (G. Barnes, C. C. Goad, K. Novak, and A. F. Schenk), Department of Electrical Engineering (K. L. Boyer), Department of Civil Engineering (M. R. McCord, C. J. Merry, and T. H. Wu), School of Natural Resources (C. D. Tomlin), and Department of Geological Sciences (R. Von Frese), 1 September 1990 through 31 August 1991. (Project 765707 - Continuation)

\$409,575.00 - National Science Foundation, Washington, D.C., Graduate Research Fellowship Program, Graduate School Administration (R. A. Koenigsknecht), 1 June 1989 through 30 September 1995. (Project 767907 - Continuation)

\$401,000.00 - Department of Education, Washington, D.C., Rehabilitation Engineering Center for the Quantification of Human Performance, Department of Surgery (S. R. Simon), Department of Physical Medicine (W. S. Pease), Department of Computer and Information Science (T. C. Bylander), Department of Electrical Engineering (H. N. Hemami), and Department of Industrial and Systems Engineering (W. S. Marras and P. J. Smith), 1 February 1991 through 31 January 1992. (Project 766622 - Continuation)

\$326,489.00 - Department of Health and Human Services, National Cancer Institute, Bethesda, Maryland, Ohio Cancer Information Center, Comprehensive Cancer Center and Department of Preventive Medicine (R. E. Harris), 16 January 1991 through 15 October 1991. (Project 768114 - Continuation)

\$304,569.00 - Department of Education, Office of Educational Research and Improvements, Washington, D.C., Educational Resources Information Center (ERIC) Clearinghouse on Adult, Career, and Vocational Education, Center on Education and Training for Employment (R. D. Ryan), 1 January 1991 through 31 December 1991. (Project 766522 - Continuation)

\$224,119.00 - Department of Health and Human Services, National Institute of Mental Health, Rockville, Maryland, Psycho-pathology and Grief in Teenagers Post-Parental Death, Department of Psychiatry (E. B. Weller), 1 February 1991 through 31 January 1992. (Project 768878 - New)

\$199,834.00 - National Science Foundation, Washington, D.C., Effects of Earthworms on Nitrogen Cycling Processes and Decomposer Community Structure in Organic-Based and Conventional Agroecosystems, Department of Entomology - OARDC (B. R. Stinner) and Department of Entomology (J. M. Blair and C. A. Edwards), 1 February 1991 through 31 January 1992. (Project 768849 - New)

April 5, 1991 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$197,927.00 - Department of Defense, Defense Supply Service, Washington, D.C., Military Adaptation, Mershon Center for Education (A. R. Millett) and Department of History (W. Murray), 1 October 1990 through 28 September 1992. (Project 767852 - Continuation)

\$194,825.00 - Department of Health and Human Services, National Institute of Mental Health, Rockville, Maryland, Psychopathology and Grief in Children Post-Parental Death, Department of Psychiatry (E. B. Weller), 1 February 1991 through 31 January 1992. (Project 767244 - Continuation)

\$171,405.00 - Department of Health and Human Services, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Pre- and Post-Operative T-Cell Function, Department of Surgery (R. M. Ferguson and C. G. Orosz), 1 February 1991 through 31 January 1992. (Project 766505 - Continuation)

\$154,587.00 - Department of Health and Human Services, National Institute of Neurological Disorders and Stroke, Bethesda, Maryland, Neuromodulators in Cerebellar Circuitry, Department of Cellular Biology, Neurobiology, and Anatomy (G. A. Bishop), 1 March 1991 through 29 February 1992. (Project 763013 - Continuation)

\$152,396.00 - National Science Foundation, Washington, D.C., Technology Strategies in Undergraduate Mathematics Education, Department of Mathematics (B. F. Wyman and T. G. Ralley), 1 February 1991 through 31 January 1993. (Project 768879 - New)

\$150,000.00 - National Science Foundation, Washington, D.C., The Ohio State Infrared Imaging System: A Survey of Galaxies and Regions of Star Formation, Department of Astronomy (J. A. Frogel, B. Atwood, P. L. Byard, and D. DePoy), 15 January 1991 through 31 December 1991. (Project 768845 - New)

\$142,500.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, The Physics of Submicron Systems, Department of Physics (J. W. Wilkins), 1 January 1991 through 30 September 1991. (Project 767184 - Continuation)

\$121,800.00 - National Science Foundation, Washington, D.C., A Cooperative Paleoclimatic Study of the Guliya Ice Cap, China: Relationship to Global Climate Variability, Byrd Polar Research Center (L. G. Thompson and E. Mosley-Thompson), 1 February 1991 through 31 January 1992. (Project 768437 - New)

\$117,759.00 - Department of Health and Human Services, National Institute of Child Health and Human Development, Bethesda, Maryland, Parental Occupations and Child Care Effects on Child Outcomes, Department of Sociology (E. G. Menaghan and T. L. Parcel), 1 December 1990 through 30 November 1991. (Project 767980 - Continuation)

\$113,000.00 - National Science Foundation, Washington, D.C., Molecular Beam Reactions of Group VA Atoms, Clusters, and Hydrides with Oxidizers and Halogens, Department of Chemistry (J. M. Parson), 1 February 1991 through 31 January 1992. (Project 768857 - New)

April 5, 1991 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$111,601.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Passivity and Breakdown of Oxide Films on Aluminum Alloys Produced Using Nonequilibrium Processing Methods, Department of Materials Science and Engineering (G. R. St. Pierre), 1 January 1991 through 30 September 1991. (Project 767297 - Continuation)

\$109,970.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Interdisciplinary Research on Wear of Materials, Department of Materials Science and Engineering (D. A. Rigney), 1 January 1991 through 30 September 1991. (Project 767230 - Continuation)

\$101,053.00 - Department of Health and Human Services, National Institute of Child Health and Human Development, Bethesda, Maryland, Effects of Father's Absence: Sociodemographic Analysis, Center for Human Resource Research (F. L. Mott), 1 January 1991 through 31 December 1991. (Project 766858 - Continuation)

\$98,747.00 - Department of Health and Human Services, National Institute on Deafness and Other Communication Disorders, Bethesda, Maryland, The Gustatory System: Cellular and Synaptic Organization, Oral Biology (M. C. Whitehead), 1 February 1991 through 31 January 1992. (Project 766592 - Continuation)

\$95,000.00 - National Science Foundation, Washington, D.C., Mechanism of Adenylate Kinases, Department of Chemistry (M. D. Tsai), 1 March 1991 through 29 February 1992. (Project 768120 - Continuation)

\$88,902.00 - Department of Commerce, National Institute of Standards and Technology, Gaithersburg, Maryland, Physical and Mechanical Properties of Composite Materials, Department of Materials Science and Engineering (R. H. Wagoner), 1 March 1991 through 5 February 1992. (Project 766671 - Continuation)

\$81,446.00 - Department of Education, Office of Special Education and Rehabilitation Services, Washington, D.C., Inter-disciplinary Master's Graduate Program in Adapted Physical Education in Association with the Nisonger Center, School of Health, Physical Education, and Recreation (D. L. Porretta), 1 July 1991 through 30 June 1992. (Project 768465 - Continuation)

\$80,744.00 - Department of the Air Force, Air Force Systems Command, Bolling Air Force Base, D.C., Assimilation of Selected Polyaromatic Hydrocarbons and Polychlorinated Biphenyls Sorbed to Sediment by Benthic Invertebrates, Department of Entomology (S. W. Fisher), 1 December 1990 through 30 November 1992. (Project 768752 - New)

\$80,000.00 - Department of Energy, Argonne, Illinois, Photoinduced Electron Transfer Reactions in Zeolite Cages, Department of Chemistry (P. K. Dutta), 15 January 1991 through 14 January 1992. (Project 767997 - Continuation)

\$80,000.00 - National Science Foundation, Washington, D.C., Nonlinear Studies in Magnetic Garnet Films, Department of Physics (P. E. Wigen), 15 January 1991 through 31 December 1991. (Project 768866 - New)

April 5, 1991 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$75,000.00 - Department of Health and Human Services, National Cancer Institute, Bethesda, Maryland, Carboranyl Nucleotides Potential DNA Probes for BNCT, College of Pharmacy (A. H. Soloway) and Department of Pathology (R. F. Barth), 1 March 1991 through 28 February 1992. (Project 768886 - New)

\$74,521.00 - Department of Education, Office of Special Education and Rehabilitation Services, Washington, D.C., Doctoral Study in Adapted Physical Education Teacher Training and Research, School of Health, Physical Education, and Recreation (P. Jansma), 1 July 1991 through 30 June 1992. (Project 768318 - Continuation)

\$72,000.00 - National Science Foundation, Washington, D.C., Superconducting Arrays, Nonlinear Response, and Other Aspects of the Physics of Inhomogeneous Media, Department of Physics (D. G. Stroud), 15 January 1991 through 31 December 1991. (Project 768855 - New)

\$70,000.00 - National Science Foundation, Washington, D.C., Theory of Interfacial Phenomena: Dynamics and Statics, Department of Physics (W. F. Saam and C. A. Ebner), 15 December 1990 through 30 November 1991. (Project 768864 - New)

\$69,567.00 - National Science Foundation, Washington, D.C., Affect and Persuasion, Department of Psychology (R. E. Petty), 15 January 1991 through 31 December 1991. (Project 768829 - New)

\$62,000.00 - Department of Commerce, National Oceanic and Atmospheric Administration, Rockville, Maryland, Sampling and Statistical Treatment of Pollen Rains from Amazonia as Proxies for Climate, Department of Zoology and Department of Anthropology (P. A. Colinvaux), 1 January 1991 through 31 December 1991. (Project 768847 - New)

\$60,000.00 - National Science Foundation, Washington, D.C., Biochemistry and Regulation of Daunomycin Biosynthesis, Department of Microbiology (W. R. Strohl), 15 March 1991 through 29 February 1992. (Project 768882 - New)

\$58,800.00 - National Science Foundation, Washington, D.C., Young Scholars Three-Week Summer Institute on Science and Agriculture, Agricultural Technical Institute - Administrative Support (C. E. Opliger), 15 February 1991 through 31 July 1992. (Project 768867 - New)

\$58,427.00 - National Science Foundation, Washington, D.C., The Identification and Characterization of Plant Fibers Representative of Those Used in Prehistoric Textiles of Eastern North America, Department of Textiles and Clothing (K. Jakes), 1 January 1991 through 31 December 1991. (Project 768765 - New)

\$54,062.00 - National Science Foundation, Washington, D.C., The Ohio State University Young Science Scholars, Department of Chemistry (M. H. Klapper) and Biological Sciences Administration (A. M. Ackermann-Brown), 15 February 1991 through 31 July 1992. (Project 768186 - Continuation)

April 5, 1991 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$50,000.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, The Effects of Magnetic Nozzle Configurations on Plasma Thrusters, Department of Aeronautical and Astronautical Engineering (T. M. York), 1 February 1991 through 1 December 1991. (Project 766488 - Continuation)

\$50,000.00 - National Science Foundation, Washington, D.C., The Structure of the Broad-Line Region in Active Galactic Nuclei, Department of Astronomy (B. M. Peterson), 1 February 1991 through 31 January 1992. (Project 768093 - Continuation)

\$48,551.00 - National Science Foundation, Washington, D.C., West Antarctic Glaciology - III, Byrd Polar Research Center (K. C. Jezek and D. Blankenship), 1 July 1991 through 30 June 1992. (Project 768852 - New)

\$48,319.00 - National Science Foundation, Washington, D.C., Mapping of Ice Stream B Using SPOT Satellite Data, Byrd Polar Research Center and Department of Civil Engineering (C. J. Merry) and Department of Geological Sciences (I. M. Whillans), 1 January 1991 through 31 December 1991. (Project 768083 - Continuation)

\$45,618.00 - Department of Agriculture, Science and Education, Beltsville, Maryland, Agricultural Market Development Opportunities in Asian Pacific Countries, Department of Agricultural Economics and Rural Sociology - OARDC and Department of Agricultural Economics and Rural Sociology (T. L. Sporleder), 1 July 1990 through 30 June 1991. (Project 768448 - Continuation)

\$39,321.00 - Department of Health and Human Services, National Heart, Lung, and Blood Institute, Bethesda, Maryland, Cardiac Characteristics in Copper Deficiency, Department of Human Nutrition and Food Management (D. Medeiros), 15 January 1991 through 31 July 1991. (Project 768104 - Continuation)

\$37,500.00 - National Science Foundation, Washington, D.C., Presidential Young Investigator Award: Very Large Scale Integration Design of Electronic Circuits, Department of Electrical Engineering (M. I. El-Naggar), 1 January 1991 through 31 December 1991. (Project 766995 - Continuation)

\$35,495.00 - Department of Health and Human Services, National Institute of Child Health and Human Development, Bethesda, Maryland, Linking Maternal Employment and Child Care Arrangements to Child Development, Department of Sociology (T. L. Parcel), 1 April 1991 through 30 November 1991. (Project 767226 - Continuation)

\$35,000.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, High Critical Temperature Superconducting Microwave Components for Space Communications Receivers, Department of Electrical Engineering (G. J. Valco), 7 January 1991 through 6 January 1992. (Project 768851 - New)

\$35,000.00 - National Science Foundation, Washington, D.C., Selective Transfer in Tribology, Department of Materials Science and Engineering (D. A. Rigney), 1 July 1991 through 30 June 1992. (Project 768858 - New)

April 5, 1991 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$31,981.00 - Department of Agriculture, Science and Education, Washington, D.C., Institutional Support from the Animal Health and Disease Research Act of 1977, Veterinary Medicine Administration (R. A. Wright), Department of Veterinary Preventive Medicine (H. F. Stills), and Department of Veterinary Pathobiology (D. E. Swayne), 1 October 1990 through 30 September 1991. (Project 762621 - Continuation)

\$20,000.00 - Department of Health and Human Services, National Institute of Dental Research, Bethesda, Maryland, International Conference: Biological Mechanisms of Tooth Movement and Craniofacial Adaptation, Orthodontics (Z. Davidovitch), 20 January 1991 through 31 August 1991. (Project 768568 - Continuation)

\$19,680.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Novel Ultrasonic Techniques for Inter-face Studies, Department of Welding Engineering (L. Adler), 1 July 1991 through 30 September 1991. (Project 768504 - Continuation)

\$19,620.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, ST1 Antigen in Wounds, Department of Molecular Genetics (R. A. Tassava), 1 July 1990 through 29 February 1992. (Project 768290 - Continuation)

\$17,041.00 - National Science Foundation, Washington, D.C., Permian Plants from Argentina and Antarctica: Distribution in Time and Space, Department of Plant Biology (T. N. Taylor) and Byrd Polar Research Center (E. L. Taylor), 15 December 1990 through 30 November 1992. (Project 768821 - New)

\$10,000.00 - National Science Foundation, Washington, D.C., Conference in the Arithmetic of Function Fields, Department of Mathematics (D. M. Goss), 1 February 1991 through 31 January 1992. (Project 768885 - New)

\$9,508.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, Polarized and Non-Polarized Components of Reflectance Considered as Independent Information Sources, Department of Agronomy - OARDC (A. L. Barta), 2 January 1991 through 31 December 1991. (Project 768814 - New)

\$8,478.00 - Department of Defense, Defense Construction Supply Center, Columbus, Ohio, Defense Construction Supply Center Fitness Program -- Sports Management Internship, School of Health, Physical Education, and Recreation (D. Zakrajsek), 1 February 1991 through 31 July 1991. (Project 768892 - New)

\$6,000.00 - National Science Foundation, Washington, D.C., International Conference in Quantized Geometry, Department of Mathematics (A. Dynin and H. Moscovici), 1 February 1991 through 31 January 1992. (Project 768884 - New)

\$5,040.00 - Nuclear Regulatory Commission, McLean, Virginia, Aging Modeling, Maintenance, and Core Melt Frequency, Department of Mechanical Engineering (T. Aldemir), 10 September 1990 through 10 December 1990. (Project 768641 - New)

April 5, 1991 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$2,603.00 - National Science Foundation, Washington, D.C., Ultra-structural Investigations of Fossil Gymnosperm Pollen and Its Bearing on the Origins of Angiosperms, Department of Plant Biology (T. N. Taylor), 1 February 1991 through 31 January 1993. (Project 768850 - New)

**TOTAL - FEDERAL AWARDS** **\$ 8,855,380.00**

**State of Ohio Research Contracts/Grants**

\$123,156.00 - State of Ohio, Department of Development, Columbus, Ohio, Ohio State University Institute for Japanese Studies, Department of Political Science (B. M. Richardson), 1 July 1990 through 30 June 1991. (Project 768357 - Continuation)

\$35,000.00 - State of Ohio, Department of Education, Columbus, Ohio, Gender/Ethnic Expectations and Student Achievement, Department of Agricultural Education (J. M. Cano), 1 July 1990 through 30 June 1991. (Project 768843 - New)

\$7,500.00 - State of Ohio, Department of Natural Resources, Columbus, Ohio, Maintaining an Information System to Evaluate the Impacts of Nonpoint Source Controls, Department of City and Regional Planning (S. I. Gordon) and Department of Landscape Architecture (J. W. Simpson), 1 July 1990 through 30 June 1993. (Project 768619 - New)

\$7,000.00 - State of Ohio, Rehabilitation Services Commission, Columbus, Ohio, Development of an "Air-Chair" for the Handicapped, Department of Electrical Engineering (H. R. Weed), 1 January 1991 through 30 June 1991. (Project 767277 -Continuation)

\$2,809.00 - State of Ohio, Department of Natural Resources, Columbus, Ohio, Inventory of the Nitidulidae in Natural Areas and Preserves of Ohio, Department of Entomology - OARDC (R. N. Williams), 7 January 1991 through 30 June 1992. (Project 768177 - Continuation)

\$1,000.00 - State of Ohio, Environmental Protection Agency, Columbus, Ohio, Ohio Water Quality and Waste Management Conference, Ohio Cooperative Extension Service - Agricultural Engineering (K. M. Mancl), 1 January 1991 through 1 June 1991. (Project 768865 - New)

\$950.00 - State of Ohio, Department of Mental Health, Columbus, Ohio, The Mental Health Act of 1988: The Interpretation and Response of Community Mental Health Boards to Major System Change, Department of Psychology (R. S. Billings), 1 September 1990 through 30 June 1991. (Project 768669 - Continuation)

**TOTAL - STATE OF OHIO AWARDS** **\$ 177,415.00**

**Industrial Research Contracts/Grants**

\$186,298.80 - Organon, Inc., West Orange, New Jersey, An Ultrasound Study of Ovarian Cyst Activity Comparing Ortho Novum 1/35 or CTR-05 Versus a Concurrent Untreated Control, Department of Pharmacology (N. Gerber and G. Apseloff), 1 June 1990 through 31 May 1991. (Project 767548 - Continuation)

April 5, 1991 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

Industrial Research Contracts/Grants (contd)

\$181,125.00 - Pfizer, Inc., Groton, Connecticut, Clinical Pharmacology Unit, Department of Pharmacology (N. Gerber), 1 October 1990 through 30 September 1991. (Project 768809 - Continuation)

\$96,870.00 - Astra Pain Control, Sodertalje, Sweden, Novel Drug Delivery Systems, College of Pharmacy (S. G. Frank), 1 January 1991 through 31 December 1991. (Project 762165 - Continuation)

\$75,000.00 - Sandoz, Inc., East Hanover, New Jersey, Bone Marrow Transplant Immunological Studies, Department of Internal Medicine (E. A. Copelan and P. J. Tutschka), 1 February 1991 through 31 January 1992. (Project 768887 - New)

\$50,000.00 - Mercedes Benz-Unimog, Gaggenau, Germany, Feasibility Study for a North American Unimog, Department of Industrial Design (R. F. Butter), 1 January 1991 through 30 September 1991. (Project 768846 - New)

\$41,500.00 - Mobay Corporation, Shawnee Mission, Kansas, Development of an Ehrlichia canis Vaccine, Department of Veterinary Pathobiology (Y. Rikihisa), 17 December 1990 through 16 December 1991. (Project 768890 - New)

\$40,000.00 - Martin Marietta Corporation, Oak Ridge, Tennessee, Pack Cementation Coating of Iron-Base Alloys, Department of Materials Science and Engineering (R. A. Rapp), 1 December 1990 through 31 March 1991. (Project 766509 - Continuation)

\$33,750.00 - Johnson & Johnson, Racine, Wisconsin, Factors Affecting Adoption of Soil and Water Conservation Practices on Ohio Farms, Department of Agricultural Economics and Rural Sociology - OARDC and Department of Agricultural Economics and Rural Sociology (T. L. Napier), 1 January 1991 through 31 December 1991. (Project 768825 - New)

\$23,198.00 - EG&G Idaho, Inc., Idaho Falls, Idaho, Thermo- luminescence Age Dating at the Idaho National Engineering Laboratory, Byrd Polar Research Center (K. C. Jezek and S. L. Forman), 6 November 1990 through 31 May 1991. (Project 768873 - New)

\$22,568.00 - Miles, Inc., Elkhart, Indiana, Testing Urines in Asymptomatic Patients with Miles Dipsticks, Department of Family Medicine (R. M. Guthrie) and Department of Pathology (J. A. Lott), 1 February 1991 through 30 December 1991. (Project 768856 - New)

\$21,996.00 - Adria Laboratories, Columbus, Ohio, Single Dose Pharmacokinetic and Bioavailability Study of Toremifene in Postmenopausal Healthy Volunteers, Department of Pharmacology (N. Gerber), 1 July 1989 through 30 June 1991. (Project 767554 - Continuation)

\$20,316.00 - Burroughs Wellcome Company, Research Triangle Park, North Carolina, A Multicenter, Open, Randomized Comparison of the Safety and Efficacy of Chronic FLOLAN Infusions to Conventional Therapy in Patients with Severe Congestive Heart Failure: A Pilot Study, Department of Internal Medicine (R. C. Starling), 1 February 1991 through 31 January 1992. (Project 768874 - New)

April 5, 1991 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Industrial Research Contracts/Grants (contd)**

\$18,885.00 - Teledyne Water Pik, Fort Collins, Colorado, Water Irrigation and Automatic Toothbrush Study in an Adult Orthodontic Population, Orthodontics (J. G. Burch), 1 February 1991 through 31 May 1991. (Project 768862 - New)

\$14,175.00 - Astra Pain Control, Sodertalje, Sweden, Novel Drug Delivery Systems, College of Pharmacy (S. G. Frank), 1 January 1990 through 30 June 1991. (Project 762165 - Continuation)

\$10,000.00 - Ross Laboratories, Columbus, Ohio, Pilot Study of Survanta Supplementation in Acute Respiratory Distress Syndrome, Department of Internal Medicine (J. E. Gadek and J. E. Weiland), 15 January 1991 through 14 January 1992. (Project 768808 - Continuation)

\$7,061.00 - The Procter & Gamble Company, Cincinnati, Ohio, A Multicenter Trial to Evaluate the Safety and Effectiveness of Peridex, an Oral Rinse Containing 0.12% Chlorhexidine Gluconate, Dosed B.I.D. for Preventing or Delaying the Occurrence of Lesions Due to Oral Candidiasis in HIV-Positive Individuals, Department of Internal Medicine (M. F. Para), 1 July 1990 through 30 June 1991. (Project 768383 - Continuation)

\$7,036.14 - Jarrow Formulas, Inc., Los Angeles, California, Early Cancer Detection Method, Department of Radiology (S. M. D'Ambrosio) and Department of Medical Biochemistry (R. W. Trewyn), 1 June 1990 through 31 December 1990. (Project 767284 - Continuation)

\$4,860.00 - Brigham and Women's Hospital, Boston, Massachusetts, The Comprehensive Management of Unstable Angina and Non-Q-Wave Myocardial Infarction: The Roles of t-PA and Revascularization, Department of Internal Medicine (R. D. Magorien), 1 August 1990 through 31 July 1991. (Project 768603 - Continuation)

\$4,754.00 - Medical Research International, Burlington, Massachusetts, U.S. Thrombolysis Registry, Department of Internal Medicine (R. D. Magorien), 1 January 1991 through 31 December 1991. (Project 768875 - New)

\$3,460.00 - Bristol-Myers Company, Princeton, New Jersey, A Comparison of the Combination of Fosinopril 20 mg. and Hydrochlorothiazide 12.5 mg. with Placebo in Patients with Mild to Moderate Hypertension Utilizing 24-Hour Ambulatory Monitoring, Department of Family Medicine (R. M. Guthrie), 1 February 1991 through 31 January 1992. (Project 768871 - New)

Equipment - Computervision, Bedford, Massachusetts, Center for Commercialization of Space Membership Agreement, Center for Mapping (J. D. Bossler), 1 February 1991 through 31 January 1993. (Project 766219 - Continuation) (Approximate Dollar Value - \$72,000)

Equipment - Tandy Corporation, Fort Worth, Texas, Comparison of Two Methods of Improving Pediatric Dental Case Presentations Utilizing Videotapes, Pediatric Dentistry (W. F. Waggoner), 1 July 1988 through 30 June 1989. (Project 768877 - New) (Approximate Dollar Value - \$2,467.44)

**TOTAL - INDUSTRIAL AWARDS**

**\$ 862,852.94**

April 5, 1991 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

#### Other Non-Federal Research Contracts/Grants

\$171,832.00 - National Dairy Promotion and Research Board, Arlington, Virginia, Cellular and Metabolic Mechanisms for Regulating Milk Component Synthesis: Influence of Dietary Fat on Milk Protein, Department of Dairy Science - OARDC (D. L. Palmquist and F. L. Schanbacher), 1 January 1991 through 31 December 1993. (Project 768796 - New)

\$168,759.00 - National Training Fund for the Sheet Metal and Air-Conditioning Industry, Washington, D.C., National Training Fund University Center for the Sheet Metal and Air-Conditioning Industry, 1989-91, Center on Education and Training for Employment (R. D. Ryan), 1 January 1991 through 31 December 1991. (Project 767177 - Continuation)

\$93,268.00 - University of Maryland, College Park, Maryland, A Pilot Program to Improve Pesticide Management, Department of Entomology - OARDC and Department of Entomology (F. R. Hall), 1 November 1990 through 30 April 1992. (Project 768820 - New)

\$84,680.00 - University of Missouri-Rolla, Rolla, Missouri, Interfacial Phenomena in Aluminum Alloys and Salt Systems, Department of Materials Science and Engineering (Y. Sahai and G. R. St. Pierre), 28 September 1990 through 30 September 1992. (Project 768831 - New)

\$65,899.00 - Battelle Memorial Institute, Richland, Washington, A Proposal to Develop Oxidation-Resistant Niobium Alloys and Protective Coatings, Department of Materials Science and Engineering (R. A. Rapp), 30 June 1990 through 31 December 1991. (Project 767357 - Continuation)

\$65,042.00 - Wright State University, Dayton, Ohio, On-Site Instruction for Vocational Education Instructors in the Southwest Region, Department of Agricultural Education (R. K. Barrick), 1 July 1990 through 30 June 1991. (Project 768780 - New)

\$64,312.00 - Council on International Educational Exchange, New York, New York, Ministry of Education Intensive English in the U.S.A. for Japanese Teachers of English, English as a Second Language Program (R. N. Kantor), 1 February 1991 through 31 December 1991. (Project 768893 - New)

\$50,000.00 - Muscular Dystrophy Association, Tucson, Arizona, Genetic Abnormalities of the Duchenne Locus and Mental Retardation, Department of Neurology (S. J. Huber), 1 January 1991 through 31 December 1991. (Project 768770 - Continuation)

\$50,000.00 - The Woods Hole Research Center, Inc., Woods Hole, Massachusetts, Gaseous Emission in Relation to Soil Degradation and Deforestation, Department of Agronomy - OARDC and Department of Agronomy (R. Lal), 22 August 1990 through 28 August 1992. (Project 768740 - New)

\$46,859.00 - Paralyzed Veterans of America, Washington, D.C., The Role of Weightbearing and FES-Induced Exercises on Bone Loss After an Acute Spinal Cord Injury, Department of Physical Medicine (W. J. Mysiw) and Department of Internal Medicine (R. D. Jackson), 1 January 1991 through 31 December 1991. (Project 767303 - Continuation)

April 5, 1991 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Other Non-Federal Research Contracts/Grants (contd)**

\$45,000.00 - American Cancer Society, Atlanta, Georgia, Total Synthesis of Fredericamycin A, Department of Chemistry (L. A. Paquette and J. P. Williams), 1 January 1991 through 31 December 1992. (Project 768868 - New)

\$43,273.00 - University Affiliated Cincinnati Center for Developmental Disorders, Cincinnati, Ohio, Ohio Developmental Disabilities Prevention Continuing Education, Nisonger Center (V. L. Reynolds), 1 January 1991 through 31 December 1991. (Project 764528 - Continuation)

\$40,000.00 - Lucas County Office of Education, Toledo, Ohio, Reading Recovery, 1990-1991, Department of Educational Theory and Practice (G. S. Pinnell, D. DeFord, and C. A. Lyons), 1 October 1990 through 30 September 1991. (Project 768854 - New)

\$39,200.00 - University of Virginia, Charlottesville, Virginia, Cloning and Purification of a Sperm Membrane Immunogen, Department of Obstetrics and Gynecology (V. C. Stevens), 1 June 1990 through 31 January 1991. (Project 768844 - New)

\$35,051.00 - Iowa State University, Ames, Iowa, Spectroscopic Evaluation of Adhesive Bonds: Linear and Nonlinear Methods, Department of Welding Engineering (L. Adler), 1 October 1990 through 30 September 1991. (Project 768832 - Continuation)

\$34,000.00 - North Atlantic Treaty Organization, Brussels, Belgium, Survival Analysis and Related Topics, Department of Statistics (J. P. Klein and P. K. Goel), 1 February 1991 through 30 September 1991. (Project 768805 - New)

\$32,792.00 - State University of New York at Albany, Albany, New York, Textbook Component of a Russian Language Video Course, Department of Slavic and East European Languages and Literatures (G. L. Ervin), 1 September 1990 through 31 August 1991. (Project 768824 - New)

\$30,141.00 - Iowa State University, Ames, Iowa, Nondestructive Evaluation of Structural Adhesive Bonding for Aircraft Applications, Department of Welding Engineering (S. Rokhlin), 1 October 1990 through 30 September 1991. (Project 768833 - Continuation)

\$30,000.00 - Iowa State Department of Education, Des Moines, Iowa, Assessment of the Vocational Education Delivery System in Iowa, Center on Education and Training for Employment (R. D. Ryan), 2 January 1991 through 28 January 1991. (Project 768841 - New)

\$24,187.00 - Bowling Green State University, Bowling Green, Ohio, On-Site Instruction for Vocational Agriculture Instructors in the Northwest Region, Department of Agricultural Education (R. K. Barrick), 1 July 1990 through 30 June 1991. (Project 767049 - Continuation)

\$20,000.00 - Battelle-Pacific Northwest Laboratory, Richland, Washington, A Novel Fermentation Process for Calcium Magnesium Acetate Production from Cheese Whey, Department of Chemical Engineering (S. T. Yang), 20 November 1990 through 31 May 1991. (Project 768781 - New)

April 5, 1991 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Other Non-Federal Research Contracts/Grants (contd)**

\$20,000.00 - Maharishi Ayurveda Foundation, Lancaster, Massachusetts, Research on Natural Products and the Study of Effects of Sound and Light, Department of Pathology (H. M. Sharma), 15 June 1990 through 14 June 1991. (Project 768362 - Continuation)

\$20,000.00 - Whitehall Public Schools, Whitehall, Ohio, Policy Research for Ohio Board of Education: Evaluation Plan for the Whitehall City School District, Department of Educational Policy and Leadership (R. B. Donmoyer), 1 October 1990 through 30 September 1991. (Project 768848 - New)

\$19,960.00 - National Geographic Society, Washington, D.C., Evolution and Biogeography of Primitive Sunflowers (Barnadesiinae), Department of Plant Biology (T. F. Stuessy), 1 January 1991 through 31 December 1993. (Project 768880 - New)

\$18,800.00 - United States Golf Association, Far Hills, New Jersey, Monoclonal Antibody for Rapid Diagnosis of Summer Patch Disease of Turfgrass, Department of Plant Pathology - OARDC and Department of Plant Pathology (W. W. Shane) and Ohio Cooperative Extension Service - Administration and Department of Plant Pathology (S. T. Nameth), 1 February 1990 through 31 January 1992. (Project 765882 - Continuation)

\$18,750.00 - Dade County Public Schools, Miami, Florida, Technical Assistance to the Bilingual Vocational Instructional Program, Center on Education and Training for Employment (R. D. Ryan and J. E. Friedenbergl), 5 November 1990 through 31 October 1991. (Project 767174 - Continuation)

\$16,800.00 - The National Council for Agricultural Education, Alexandria, Virginia, Instructional Materials Development and National Conference Coordination in Agricultural Education, Department of Agricultural Education (R. K. Barrick), 1 January 1991 through 31 December 1991. (Project 768870 - New)

\$7,500.00 - Oklahoma State Department of Vocational-Technical Education, Stillwater, Oklahoma; South Carolina State Department of Education, Columbia, South Carolina; and Idaho Department of Education, Boise, Idaho, National Consortium of State Career Guidance Supervisors, Center on Education and Training for Employment (R. D. Ryan), 1 July 1990 through 30 June 1991. (Project 768406 - Continuation)

\$7,000.00 - March of Dimes Birth Defects Foundation, Central Ohio Chapter, Columbus, Ohio, A Workshop on Nutrition and Health Care Needs of Pregnant Teens Taught to GRADS Teachers to Help Reduce the Number of Low Birth Weight Babies in Central Ohio, Department of Home Economics Education (W. L. Hull), 1 January 1991 through 31 December 1991. (Project 768869 - New)

\$5,019.00 - Granville Exempted Village School District, Granville, Ohio, Assist the Granville School Education and Work Program (Add-On Tasks), Center on Education and Training for Employment (R. D. Ryan), 1 August 1990 through 31 December 1991. (Project 768555 - Continuation)

April 5, 1991 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Other Non-Federal Research Contracts/Grants (contd)**

\$1,240.00 - Cancer Therapy and Research Foundation of South Texas, San Antonio, Texas, Multidisciplinary Participation in the Cancer Control Activities of the Southwest Oncology Group, Department of Internal Medicine (S. P. Balcerzak), 1 June 1990 through 31 August 1990. (Project 765208 - Continuation)

\$1,000.00 - Dr. David L. Nalin, Blue Bell, Pennsylvania, Publication of the Pala Indian Catalogue, Department of History of Art (J. Huntington and S. L. Huntington), 1 November 1989 through 31 March 1991. (Project 767949 - Continuation)

**TOTAL - OTHER NON-FEDERAL AWARDS** **\$ 1,370,364.00**

**ENGINEERING EXPERIMENT STATION**

**State Sponsored Research and Development**

\$50,000.00 - from Ohio Edison Program/ Aerosafe "Design and Testing of a Prototype of the ICED (Internal Circuit Emergency Disconnect) Battery Safety Device," under the direction of the department of Mechanical Engineering for the period April 1, 1990 through March 31, 1991. (312535)

\$4,000.00 - additional funding from the Ohio Aerospace Institute, Brookpark, Ohio "Ohio Aerospace Institute Office Support" under the direction of the department of Mechanical Engineering for the period 1/1/91 through 12/31/91. (529838)

**TOTAL - STATE SPONSORED RESEARCH AND DEVELOPMENT** **\$54,000.00**

**Industry and Other Sponsored Research and Development**

\$111,804.00 - additional funding from Copeland Corp., Sidney, OH, on project "Vibration Transmission Analysis of Scroll Compressor for Reduced Noise," under the direction of the department of Mechanical Engineering for the period April 1, 1990 through March 31, 1992. (529796)

\$40,000.00 - from Micro Craft, Tullahoma, Tennessee for "Aircraft Model Wind Tunnel Test," under the direction of the department of Aeronautical and Astronautical Engineering for the period February 1, 1991 through June 30, 1991. (312563)

\$14,600.00 - from General Electric, Cincinnati, OH for "Suffolk Model Study," under the direction of the department of Aeronautical and Astronautical Engineering for the period January 1, 1991 through March 31, 1991. (312561)

\$10,400.00 - additional funding from General Electric Real Estate and Construction, Cincinnati, Ohio for "One Twelfth Scale Ejector Powered Simulator for the GE 90 Engine through June 30, 1991. (312524, Ext. 5)

\$8,160.00 - from 4 sponsors of development projects in the department of Chemical Engineering.

April 5, 1991 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

### ENGINEERING EXPERIMENT STATION (contd)

#### Industry and Other Sponsored Research and Development (contd)

\$8,120.00 - from the Cleveland Clinic Foundation, Cleveland, Ohio for "Cooperative Research" under the direction of the Biomedical department for the period March 1, 1991 through June 30, 1991. (529877)

\$8,000.00 - from Pitney Bowes for a one year membership in "Participating Industry Program to Develop Computer-Aided Machine Design Modules, Phase II," under the direction of the department of Mechanical Engineering for the period January 1, 1991 through December 31, 1991. (312594)

\$7,770.00 - from Embassy of the Arab Republic of Egypt, Washington, DC, for "Peace Fellow - Civil Engineering," under the direction of the department of Civil Engineering for the period February 1, 1991 through December 31, 1991. (312562)

\$6,200.00 - additional funding from the Edison Welding Institute for "High Radiance Laser Welding," under the direction of the department of Welding Engineering for the period February 1, 1991 through June 30, 1991. (529382)

\$4,800.00 - additional funding from Donald Cohen, O.D. for "Ultrasonic Tonometer Program," under the direction of the department of Electrical Engineering extending this project through June 30, 1991. (312457)

\$4,590.00 - funding from Acme Resin Corporation for "Evaluation of Thermal Diffusivity of Resin-Bonded Silica Sands," under the direction of the department of Materials Science and Engineering for the period February 1, 1991 through April 30, 1991. (312564)

(\$9,000.00) - reimbursed to Aerosafe, Inc., Dublin, Ohio for "Design and Testing of a Prototype of the ICED Battery Safety Device," under the direction of the department of Mechanical Engineering for the period April 1, 1990 through September 30, 1990. (312535)

TOTAL - INDUSTRY AND OTHER SPONSORED RESEARCH \$ 215,444.00

### THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

#### Establishment of Named Funds

##### The Richard W. Trott Professorship Fund

The Richard W. Trott Professorship Fund was established April 5, 1991, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the estate of Richard W. Trott, his family, friends and colleagues in honor and memory of Richard W. Trott (B.Arch. '61, summa cum laude).

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

April 5, 1991 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Establishment of Named Funds (contd)**

**The Richard W. Trott Professorship Fund (contd)**

The annual income and additional gifts shall be added to the principal until the minimum level necessary to establish an endowed professorship has been reached. Subsequently, the annual income shall be used to provide support for the work of a Distinguished Visiting Professor recommended by the Director of the School of Architecture through the Dean of the College of Engineering to the Provost, and approved by the Board of Trustees. The Trott Professor would be a nationally acclaimed architectural designer who would be in residence for one or more quarters, would teach design studios, interact with faculty and students, and make public presentations. A Distinguished Visiting Professor is a realistic way to give the students an opportunity to work with a nationally recognized design professional.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, school director, department chairperson, or program administrative officer in order to carry out the desire of the donors.

**The Myrtle Wolcott Cram Scholarship Fund**

The Myrtle Wolcott Cram Scholarship Fund was established April 5, 1991, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from the estate of Myrtle Wolcott Cram (B.S.H.E. '20, and B.A., Arts and Sciences, '20).

All gifts are to be invested in the University's permanent endowment fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide undergraduate or graduate student scholarships, associateships, or fellowships in the College of Human Ecology.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

**The Myrtle Wolcott Cram Memorial  
University Scholarship Fund**

The Myrtle Wolcott Cram Memorial University Scholarship Fund was established April 5, 1991, by the Board of Trustees of The Ohio State University, with a bequest to The Ohio State University Development Fund from Myrtle Wolcott Cram (B.S.H.E. '20, and B.A., Arts and Sciences, '20).

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

April 5, 1991 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Establishment of Named Funds (contd)**

**The Myrtle Wolcott Cram Memorial  
University Scholarship Fund (contd)**

The annual income shall be used to provide one or more undergraduate merit scholarships for Presidential Scholars, Distinguished Scholars, Medalist Scholars, and/or University Scholars. This merit scholarship initiative is the result of recommendations from the 1990 University Task Force on Undergraduate Recruitment and the 1990-1991 Undergraduate Recruitment Implementation Steering Committee to the Senior Vice President for Academic Affairs and Provost. Students shall be selected based upon the criteria sanctioned by the Senior Vice President for Academic Affairs and Provost and administered by the University Honors Center in consultation with the University Committee on Student Financial Aid.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

**The Richard J. Solove Chair in Cancer Medical  
Therapeutics Research Fund**

The Richard J. Solove Chair in Cancer Medical Therapeutics Research Fund for The Arthur G. James Cancer Hospital and Research Institute was established April 5, 1991, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Richard J. Solove, (B.S.Pharm. '48).

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide salary and program support for the work of a distinguished scholar, researcher, and teacher in the field of developmental therapeutics in The Arthur G. James Cancer Hospital and Research Institute. Appointment to the Chair will be recommended by the Director of The Arthur G. James Cancer Hospital and Research Institute and the Vice President for Health Services to the Provost, and approved by the Board of Trustees.

In the event that a cure for cancer is found or a substantial impact has been made in the field of cancer research as to render the use of the income from this Richard J. Solove Endowed Chair unnecessary or ineffectual, or The Arthur G. James Cancer Hospital and Research Institute is phased out, or its work terminated, then this endowment shall support the Richard J. Solove Research Chair in the field of Pharmaceutical Sciences in the College of Pharmacy at The Ohio State University.

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Establishment of Named Funds (contd)**

**The Richard J. Solove Chair in Cancer Medical  
Therapeutics Research Fund (contd)**

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund, either in The Arthur G. James Cancer Hospital and Research Institute or in the College of Pharmacy, should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the Director of The Arthur G. James Cancer Hospital and Research Institute and the Vice President for Health Services, in order to carry out the desire of the donor.

**The Presidents Club University  
Scholarship Fund**

The Presidents Club University Scholarship Fund was established April 5, 1991, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from members of The Presidents Club.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide one or more merit scholarships for Presidents Club University Scholars. Should the fund grow sufficiently, it may be used to support Presidential Scholars, Distinguished Scholars, or Medalist Scholars. This merit scholarship initiative is the result of recommendations from the 1990 University Task Force on Undergraduate Recruitment and the 1990-1991 Undergraduate Recruitment Implementation Steering Committee to the Senior Vice President for Academic Affairs and Provost. Students shall be selected based upon the criteria sanctioned by the Senior Vice President for Academic Affairs and Provost and administered by the University Honors Center in consultation with the University Committee on Student Financial Aid.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donors.

**The Dallas/Fort Worth Alumni Scholarship Fund**

The Dallas/Fort Worth Alumni Scholarship Fund was established April 5, 1991, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from alumni and friends in the Dallas/Fort Worth, Texas, area.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

April 5, 1991 meeting, Board of Trustees

## **REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

### **THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

#### **Establishment of Named Funds (contd)**

##### **The Dallas/Fort Worth Alumni Scholarship Fund (contd)**

The annual income shall be used to provide one or more scholarship awards to students from the Dallas/Fort Worth area to attend The Ohio State University. The selection of the scholarship recipients shall be made by the University Committee on Student Financial Aid in coordination with the Dallas/Fort Worth Alumni Scholarship Committee. The dollar value and the number of scholarship awards shall be at the discretion of the Alumni Scholarship Committee in consultation with the University Committee on Student Financial Aid.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donors.

##### **The Herbert G. Utz Memorial Scholarship Fund**

The Herbert G. Utz Memorial Scholarship Fund was established April 5, 1991, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from the Utz family, Complete General Construction Company, the Ohio Contractors Association, and friends of Herbert G. Utz (B.C.E. '61).

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide an annual scholarship to a Civil Engineering student(s). Preference shall be given to a student(s) who is a U.S. citizen, a resident of the State of Ohio, and a graduate or undergraduate majoring in construction. Selection of the award recipients shall be made by the chairperson of the Department of Civil Engineering, upon recommendations from the Department's Scholarship and Awards Committee, and in consultation with the University Committee on Student Financial Aid. The award presentation shall be made at the Ohio Contractors Association's annual winter conference held in December. The Department of Civil Engineering shall also provide an annual report to the descendants of Herbert G. Utz.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donors.

##### **The Ava King Brown Endowed Scholarship Fund**

The Ava King Brown Endowed Scholarship Fund was established April 5, 1991, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from the Brown family and Wyandot, Inc.

April 5, 1991 meeting, Board of Trustees

## **REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

### **THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

#### **Establishment of Named Funds (contd)**

##### **The Ava King Brown Endowed Scholarship Fund (contd)**

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

Twenty percent (20%) of the annual income shall be added to the fund's principal. The remaining eighty percent (80%) shall be used to provide one or more scholarships or scholarship/loans to deserving students of merit who are attending The Ohio State University at Marion. Selection of the scholarship recipients is to be made upon the recommendation of The Ohio State University Marion Campus Scholarship Committee in consultation with the Dean of the Marion Campus and the University Committee on Student Financial Aid. Preference shall be given to those students of sophomore or higher rank who are pursuing studies in social work, psychology, or other helping professions. Criteria shall include a minimum overall GPA of 3.0 or record reflecting high academic potential and scholastic ability, financial need, and an interview with the Marion Campus Scholarship or Honors Committee in consultation with the Director of Student Financial Aid.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donors.

##### **The Fuller Conservation Endowment Fund**

The Fuller Conservation Endowment Fund was established April 5, 1991, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from J. Osborn Fuller, Professor Emeritus, Geological Sciences.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to support research by the Department of Geological Sciences at the site southeast of Zanesville, Ohio, known as "The Wilds", (known legally as the International Center for the Preservation of Wild Animals).

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

April 5, 1991 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Establishment of Named Funds (contd)**

**The Dr. George R. App Periodontal Endowment Fund**

The Dr. George R. App Periodontal Endowment Fund was established April 5, 1991, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from alumni and friends of George R. App (D.D.S. '55, and M.S., Dentistry, '59).

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be allowed to accumulate and expand through interest for the next four years through June 1994, at which time, beginning in 1994, and for every year thereafter, as ample funds are made available, the third-year postdoctoral students will be granted funds to attend the annual American Academy of Periodontology Meeting. This funding is to include transportation and lodging as funds are made available. Should sufficient additional funds be available from accrued interest, then, in turn, second- and then first-year postdoctoral students would receive consideration to be funded to attend the annual American Academy of Periodontology Meeting. The responsibility for the use of this income will be under the direct supervision of the chairperson of the Section of Periodontics and the Dean of the College of Dentistry.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donors.

**The Jane Peppard Endowed Scholarship Fund**

The Jane Peppard Endowed Scholarship Fund was established April 5, 1991, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from her friends.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

Twenty percent (20%) of the annual income shall be added to the fund's principal. The remaining eighty percent (80%) shall be used to provide scholarship assistance to qualified students who are enrolled at The Ohio State University, Marion Campus.

The scholarship awards will be made to students who are residents of Marion County and who have demonstrated (1) financial need, or (2) a high degree of academic potential, or (3) scholastic ability. Should income from this fund not be awarded in any given year, then the income is to be added to the fund's principal. Selection of the scholarship recipients will be made by the University Committee on Student Financial Aid and one member of the Peppard family upon the recommendation of the Dean and Director of The Ohio State University at Marion.

April 5, 1991 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Establishment of Named Funds (contd)**

**The Jane Peppard Endowed Scholarship Fund (contd)**

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donors.

**The Virginia M. Vivian Graduate Research in  
Human Nutrition Endowment Fund**

The Virginia M. Vivian Graduate Research in Human Nutrition Endowment Fund was established April 5, 1991, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from friends, family, and faculty.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to support graduate student research projects in human nutrition at the direction of the chairperson of the Department of Human Nutrition and Food Management, or the chairperson's designee(s).

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donors.

**The Theodore R. Simson Mortgage Banking  
and Banking Fund**

The Theodore R. Simson Mortgage Banking and Banking Fund was established April 5, 1991, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from The Simson First Foundation in the name of Mr. Theodore R. Simson (B.S.Bus.Adm. '39).

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to fund supplies, operator, and other material needed to videotape presentations by prominent lecturers in the field of mortgage banking or banking. The income from this fund also can be used for studies and activities relating to "future competitive directions to be taken by mortgage banking firms and small community banks."

April 5, 1991 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Establishment of Named Funds (contd)**

**The Theodore R. Simson Mortgage Banking  
and Banking Fund (contd)**

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

**The Design Group, Inc., Minority Scholarship Fund**

The Design Group, Inc., Minority Scholarship Fund was established April 5, 1991, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from the firm Design Group, Inc., of Columbus, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be distributed to the Department of Architecture to be used to fund the Design Group, Inc., Minority Scholarship. The recipient of the scholarship will be an outstanding black American student in need of financial assistance who is enrolled in the Department of Architecture at The Ohio State University. The student will be selected by the Department of Architecture Scholarship Committee in coordination with the representative(s) of Design Group, Inc., and in consultation with the University Committee on Student Financial Aid.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist, or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees, with preference given to recommendations from the donor. In the absence of the donor, another use shall be designated following consultation with the appropriate officer, in order to carry out the intent of the donor.

**The Leppo Scholarship Fund**

The Leppo Scholarship Fund was established April 5, 1991, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from Leppo, Inc., Tallmadge, Ohio. These gifts are presented by Dale Leppo and Linda Kallerud in honor of their parents, Richard and Thelma Leppo, on the occasion of their fortieth wedding anniversary.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

April 5, 1991 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Establishment of Named Funds (contd)**

**The Leppo Scholarship Fund (contd)**

The annual income shall be used to provide scholarships to students enrolled in Power Equipment Technology at the Agricultural Technical Institute. Scholarship recipients shall be chosen by the Agricultural Technical Institute's financial aid coordinator in consultation with the chairperson of the Engineering Technologies Division and other appropriate faculty, under the guidelines established by the University Committee on Student Financial Aid.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donors.

**The Bevlyn Simson Painting Exhibition Fund**

The Bevlyn Simson Painting Exhibition Fund was established April 5, 1991, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from Bevlyn Thall Simson (B.F.A. '69, and M.F.A. '72), a professional artist.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to fund an invitational exhibition of painting and printmaking and should be held every second year for artists who have been graduated from the College of The Arts at The Ohio State University and have been working as professional artists for at least five years since graduation. The chairperson of the Department of Art shall be responsible for administering the fund.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

**Change in Description of Named Funds**

**The Robert E. Georges Scholarship Fund**

The Robert E. Georges Scholarship Fund was established November 4, 1988, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from corporations and friends of Robert E. Georges (B.S.Bus.Adm. '56), Associate Dean and Associate Professor Emeritus (1987) and recipient of the Distinguished Affirmative Action Award (1986) and Distinguished Service Award (1989). The description was revised April 5, 1991.

April 5, 1991 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Change in Description of Named Funds (contd)**

**The Robert E. Georges Scholarship Fund (contd)**

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide a scholarship(s) to any senior in the undergraduate program in the College of Business in good standing who is recommended by any faculty chairperson and approved by the College of Business Scholarship Committee, in coordination with the University Committee on Student Financial Aid.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees with preference given to recommendations from the appropriate administrative official of the University who is then directly responsible for undergraduate education in the College of Business, in order to carry out the desire of the donors.

**The Paul G. Korn and Gary B. Korn Scholarship Fund**

The Paul G. Korn and Gary B. Korn Scholarship Fund was established April 8, 1988, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from the Estate of Aunalee S. Korn, Sidney, Ohio. The description was revised April 5, 1991.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used for a scholarship for an undergraduate student with demonstrated financial need who is enrolled in Human Nutrition and Food Management, with a stated interest in the Food Industry. Selection will be made each year by the Dean of the College of Human Ecology, or the dean's appointee, in consultation with the University Committee on Student Financial Aid and the Department of Human Nutrition and Food Management.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

**The L. Charles Nicklaus Golf Scholarship Fund**

The L. Charles Nicklaus Golf Scholarship Fund was established February 1, 1974, by the Board of Trustees of The Ohio State University, with a gift through The Ohio State University Development Fund from Jack W. Nicklaus (A.A.D. '72) of North Palm Beach, Florida, in memory of his father, L. Charles Nicklaus (B.S.Pharm. '35) of Columbus, Ohio. The description was revised April 5, 1991.

April 5, 1991 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Change in Description of Named Funds (contd)**

**The L. Charles Nicklaus Golf Scholarship Fund (contd)**

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to help fund the scholarship costs (grant-in-aid) of Ohio State student-athletes who are members of the men's varsity golf team. Selection of the award recipients shall be made upon the recommendation of the golf coach and approved by the Director of Athletics and the University Committee on Student Financial Aid.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

**The Minnie Price Scholarship Fund**

The Minnie Price Scholarship Fund was established June 6, 1947, by the Board of Trustees of The Ohio State University in honor of Miss Minnie Price on the occasion of her twenty-fifth anniversary of service in Ohio with gifts to The Ohio State University Development Fund from her many friends and admirers through the Home Demonstration Councils of the State of Ohio. The fund was revised April 5, 1991.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used for scholarship awards to students in the College of Human Ecology. Selection of the award recipients shall be made by the Dean of the College of Human Ecology, or the dean's designee, in consultation with the University Committee on Student Financial Aid.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donors.

**Change in Name and Description of Named Fund**

**The C. H. Summerson Endowment Fund**

The Orton Hall Fund was established March 2, 1990, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from anonymous and multiple donors. The name and description of the fund were revised April 5, 1991.

April 5, 1991 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Change in Name and Description of Named Fund (contd)**

**The C. H. Summerson Endowment Fund (contd)**

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to purchase rare books, journal back issues, books, and other materials for the Orton Memorial Library of Geology which go beyond the normal acquisitions provided by the University. Disbursement of the income shall be determined by the library representative and the Geology librarian with advice from the faculty and suggestions from the Alumni Advisory Committee.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donors.

**THE OHIO STATE UNIVERSITY FOUNDATION**

**Approval of Description and Establishment of Fund**

**The Betty Frank Schoenbaum Critical Difference  
For Women Re-Entry Scholarship Fund**

The Betty Frank Schoenbaum Critical Difference for Women Re-Entry Scholarship Fund was established April 5, 1991, by the Board of Trustees of The Ohio State University through funds received by the University from The Ohio State University Foundation from Betty Frank Schoenbaum of Longboat Key, Florida, and Charleston, West Virginia.

Income provided by the Foundation shall be used to provide scholarships for women returning to school after a break in their education. Students will be selected upon the recommendation of the Critical Difference Re-Entry Scholarship Committee, and in consultation with the Office of Student Financial Aid.

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**REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS**

Resolution No. 91-109

**MECHANICAL IMPROVEMENTS (CUNZ HALL);  
BRIDGE AND STREET IMPROVEMENTS (FYFFE ROAD, PHASE I);  
CLINICAL MAGNETIC RESONANCE IMAGING FACILITY - PHASE II; and  
DOAN HALL - 1 CENTER RENOVATION**

Synopsis: Approval of the Report of Award of Contracts and the Establishment of Contingency Funds for the Mechanical Improvements (Cunz Hall), Bridge and Street Improvements (Fyffe Road, Phase I), Clinical Magnetic Resonance Imaging Facility - Phase II, and Doan Hall - 1 Center Renovation projects is recommended.

WHEREAS resolutions adopted by the Board of Trustees on May 4, 1989, authorized the President and/or Vice President for Business and Administration to request construction bids in accordance with established State of Ohio and University procedures, and if satisfactory bids were received to recommend the award of contracts for the following projects: Mechanical Improvements (Cunz Hall) and Bridge and Street Improvements (Fyffe Road, Phase I); and

WHEREAS resolutions adopted by the Board of Trustees on October 5, 1990, and November 2, 1990, authorized the President and/or Vice President for Business and Administration to request construction bids in accordance with established University procedures, and if satisfactory bids were received, to award contracts for the following projects: Clinical Magnetic Resonance Imaging Facility - Phase II and Doan Hall - 1 Center Renovation:

NOW THEREFORE

BE IT RESOLVED, That pursuant to the actions previously authorized by the Board, the Report of Award of Contracts and Establishment of Contingency Funds for the Mechanical Improvements (Cunz Hall), Bridge and Street Improvements (Fyffe Road, Phase I), Clinical Magnetic Resonance Imaging Facility - Phase II, and Doan Hall - 1 Center Renovation projects is hereby approved.

Mr. Teaford:

I noticed that we adopted the resolution to go out and get construction bids on Cunz Hall nearly two years ago, and I was wondering why it took so long?

Mr. Nichols:

This is one of the projects that is in the basic renovation section of the Capital Bill, and each two-year biennium we approve those in mass, so they are then worked on throughout the biennium. Approximately four months ago we approved a large group which will be worked on now for the next biennium.

Upon motion of Mr. Shumate, seconded by Mr. Teaford, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix LXVII for background material and tabulation of bids, page 1063.)

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April 5, 1991 meeting, Board of Trustees

**PURCHASE OF BUILDING OCCUPANCY RIGHTS  
AND PURCHASE OF REAL PROPERTY**

Resolution No. 91-110

Synopsis: The purchase of the occupancy rights to the building at 33 West 11th Avenue and the purchase of unimproved real property at 36-40 West Tenth Avenue, in Columbus, Ohio, are proposed.

WHEREAS the Ohio State Bar Association (OSBA) and the Ohio State Bar Foundation (OSBF) have exclusive occupancy rights to the Ohio Legal Center located at 33 West 11th Avenue in Columbus, Ohio, on land owned by The Ohio State University, pursuant to an agreement entered into with the University in 1960 whereby funds to construct the building were donated to the University by OSBF; and

WHEREAS OSBA owns two unimproved lots at 36-40 West Tenth Avenue in Columbus, Ohio; and

WHEREAS OSBA and OSBF desire to relocate their operations to a new facility being constructed for that purpose and wish to sell their building occupancy rights and the two unimproved lots to the University; and

WHEREAS the appropriate University offices have determined that the purchase of the occupancy rights to this building and these two lots is in the best interest of the University; and

WHEREAS two appraisals done in 1989 established the value of these improvements and property at between \$975,000.00 and \$1,038,000.00, and OSBA and OSBF have agreed to sell their building occupancy rights and the two lots to the University for \$890,000.00:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Acting Vice President for Business and Administration be authorized to purchase, in the name of The Ohio State University, the occupancy rights to the building at 33 West 11th Avenue from OSBA and OSBF for a price not to exceed \$765,000.00 and to be authorized, in the name of the Board of Trustees of The Ohio State University, to purchase the two unimproved lots at 36-40 West Tenth Avenue from OSBA at a price not to exceed \$125,000.00, subject to the approval of the Ohio Board of Regents and the State Controlling Board, both purchases being upon such terms and conditions as are deemed to be in the best interest of the University.

Mr. Teaford:

The free interest in the property is, I take it, the University's as opposed to the Board of Trustees, and that is why we require it that way?

Mr. Nichols:

That is correct.

Mr. Barone:

Also, the litigation as to the tax is for the ownership?

April 5, 1991 meeting, Board of Trustees

**PURCHASE OF BUILDING OCCUPANCY RIGHTS  
AND PURCHASE OF REAL PROPERTY (contd)**

Mr. Nichols:

It is in the tax appeals opposed to litigation.

Upon motion of Mr. Shumate, seconded by Ms. Casto, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix LXVIII for background material and map, page 1073.)

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**LEASE OF RESEARCH PARK FACILITY  
TO THE EDISON WELDING INSTITUTE**

Resolution No. 91-111

1100 KINNEAR ROAD  
COLUMBUS, OHIO

Synopsis: A new lease of the Research Park Facility at 1100 Kinnear Road in Columbus to the Edison Welding Institute is proposed.

WHEREAS pursuant to authority granted by the Board of Trustees, The Ohio State University is a member of the Edison Welding Institute, Inc.; and

WHEREAS since January 1985, the University has leased to EWI the property at 1100 Kinnear Road to house the operations of EWI; and

WHEREAS that lease has expired and EWI and the University desire to enter into a new five-year lease, at a rental rate of \$289,600.00 per year; and

WHEREAS the appropriate University offices have determined that this lease is in the best interest of the University:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Acting Vice President for Business and Administration be authorized, on behalf of the Board of Trustees of The Ohio State University, to negotiate and enter into a lease of the property located at 1100 Kinnear Road to the Edison Welding Institute, Inc., at a rental rate of \$289,600.00 per year, upon such other terms and conditions as are deemed to be in the best interest of the University, including the negotiation and execution of an affiliation agreement with the Edison Welding Institute.

Mr. Teaford:

Am I correct that until we were paying this \$10,000 a month, the rental was indeed simply tripled, but at zero.

Mr. Nichols:

That is correct.

April 5, 1991 meeting, Board of Trustees

**LEASE OF RESEARCH PARK FACILITY  
TO THE EDISON WELDING INSTITUTE (contd)**

1100 KINNEAR ROAD  
COLUMBUS, OHIO (contd)

Mr. Teaford:

This doesn't go back to the beginning of the \$10,000 payments?

Mr. Nichols:

No. It starts as soon as we sign the lease.

Upon motion of Mr. Shumate, seconded by Ms. Casto, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix LXIX for background material and map, page 1077.)

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**REAFFIRMATION OF ADOPTION OF THE NOISE COMPATIBILITY  
STUDY FOR THE OHIO STATE UNIVERSITY AIRPORT**

Resolution No. 91-112

Synopsis: Reaffirmation of the Board's previous adoption of the Noise Compatibility Study for the University Airport is recommended.

WHEREAS on February 2, 1990, the Board of Trustees adopted The Ohio State University Airport Noise Compatibility Study (1989-1994); and

WHEREAS a public hearing conducted by the University on March 28, 1990, supported adoption of the Study and resulted in additional materials and testimony that were included in the Study as submitted to the Federal Aviation Administration:

NOW THEREFORE

BE IT RESOLVED, That the Board of Trustees reaffirms its adoption of the Noise Compatibility Study (1989-1994) and adopts the final Study documents, dated March 1990, including the materials resulting from the public hearing conducted on March 28, 1990, and authorizes the President and/or Acting Vice President for Business and Administration to sign the Study's certifications and take whatever other action may be required to submit the Study to the Federal Aviation Administration for review and approval, including a request that the FAA adopt, as the official five-year forecast noise exposure map, the 1994 Recommended Noise Exposure Map included within the Study.

Upon motion of Mr. Shumate, seconded by Mr. Teaford, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix LXX for background material, page 1081.)

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April 5, 1991 meeting, Board of Trustees

Mr. Shumate:

Madam Chairperson, additionally this morning it is both my pleasure and my honor on behalf of the Board of Trustees to present a special expression of appreciation. By way of background on November 25, 1990, Dr. Frederick E. Hutchinson, Senior Vice President for Academic Affairs and Provost, suffered a heart attack while bicycling on the Olentangy Bike Path near State Route 161. Falling from his bike, he also lacerated a kidney and suffered a mild concussion.

At the scene, four individuals, who are with us this morning, rendered invaluable assistance in the first critical moments after the heart attack. Mr. Joe Strickland, who was walking nearby, immediately ran to Dr. Hutchinson's assistance. Mr. Mike Shurig stopped his car and administered CPR. Ms. Ellen Wells, a registered nurse, also stopped her car and greatly assisted in giving CPR. Ms. Nicole Block, who lives in the house closest to the scene, called the emergency squad. We are very appreciative of those efforts and on behalf of the Board of Trustees we would like to express our appreciation and make a presentation.

### EXPRESSION OF APPRECIATION

Resolution No. 91-113

Synopsis: The Board of Trustees extends its sincere appreciation to Ms. Nicole Block, Mr. Mike Shurig, Mr. Joe Strickland, and Ms. Ellen Wells for their assistance to Dr. Frederick Hutchinson at the time of his heart attack.

WHEREAS Dr. Frederick E. Hutchinson, Senior Vice President for Academic Affairs and Provost, suffered a heart attack on November 25, 1990; and

WHEREAS Ms. Nicole Block, Mr. Mike Shurig, Mr. Joe Strickland, and Ms. Ellen Wells came to Dr. Hutchinson's aid at the scene and rendered immediate life-saving assistance to him; and

WHEREAS the actions of these individuals demonstrate the best qualities of concern and human caring for others in times of dire need:

NOW THEREFORE

BE IT RESOLVED, That the Board of Trustees of The Ohio State University, on behalf of the entire University Community, express their sincere and deep appreciation to Ms. Nicole Block, Mr. Mike Shurig, Mr. Joe Strickland, and Ms. Ellen Wells for the immediate life-saving help they gave to Dr. Hutchinson and commend them for their good and caring citizenship.

Upon motion of Mr. Shumate, seconded by Mr. Teaford, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

Mrs. Bowser:

We are certainly glad to have you with us.

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**April 5, 1991 meeting, Board of Trustees**

**Thereupon the Board adjourned to meet Friday, May 3, 1991, at The Ohio State University Agricultural Administration Building, Columbus, Ohio.**

**Attest:**

**Madison H. Scott  
Secretary**

**Shirley D. Bowser  
Chairperson**

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**APPENDIX LXVII**

**MECHANICAL IMPROVEMENTS (CUNZ HALL);  
BRIDGE AND STREET IMPROVEMENTS (FYFFE ROAD, PHASE I);  
CLINICAL MAGNETIC RESONANCE IMAGING FACILITY - PHASE II; AND  
DOAN HALL - 1 CENTER RENOVATION**

**Adopted by the Board of Trustees, April 5, 1991  
(See page 1056)**

**Report of Award of Contracts and  
Establishment of Contingency Funds**

Background

Cunz Hall Mechanical Improvements

This project will modify the existing air-handling equipment including replacement of the existing cooling tower, tower foundation, and chiller for the 66,000 square foot building. The total project cost is \$279,546.00; funding is provided from Senate Bill 336. The estimated completion date is September 1991. The contracts awarded are as follows:

General Contract:     Righter Company, Inc., Columbus, Ohio

    Amount:           \$ 21,186.00

    Estimate:         \$ 19,800.00

HVAC Contract:       Swain Mechanical Contracting, Hilliard, Ohio

    Amount:           \$168,730.00

    Estimate:         \$160,490.00

Electric Contract:    Kahls Electric, Inc., Mansfield, Ohio

    Amount:           \$ 37,866.00

    Estimate:         \$ 31,970.00

Total All Contracts:     \$227,782.00

Contingency Allowance: \$ 18,479.00 (8% of construction cost)

Total Project Cost:     \$279,546.00

April 5, 1991

REPORT OF AWARD OF CONTRACTS AND ESTABLISHMENT OF CONTINGENCY FUNDS

CUNZ HALL MECHANICAL IMPROVEMENTS

Tabulation of Bids

Bids received by The Ohio State University on December 18, 1990. Bids opened by Tamara Bell and tabulated by Ray Yanscik. Awards indicated with an \*\*.

<u>General Contract</u>	<u>Estimate</u>	<u>Righter *</u>	<u>Charm</u>	<u>Functional</u>	<u>J &amp; M Bennett</u>
Base Bid	\$19,800.00	\$21,186.00	\$21,390.00	\$21,450.00	\$21,691.00
Total General Contract	\$19,800.00	\$21,186.00	\$21,390.00	\$21,450.00	\$21,691.00
General Contract - cont.	<u>Wilson</u>	<u>M &amp; P</u>	<u>Waller/Lund</u>		
Base Bid	\$22,820.00	\$23,600.00	\$23,730.00		
Total General Contract	\$22,820.00	\$23,600.00	\$23,730.00		
<u>HVAC Contract</u>	<u>Estimate</u>	<u>Swain *</u>	<u>Giehl</u>	<u>J.A.Guy</u>	<u>Farber</u>
Base Bid	\$160,490.00	\$168,730.00	\$172,000.00	\$179,300.00	\$179,900.00
Total HVAC Contract	\$160,490.00	\$168,730.00	\$172,000.00	\$179,300.00	\$179,900.00
HVAC Contract - cont.	<u>Radico</u>	<u>HVAC, Inc.</u>			
Base Bid	\$184,300.00	\$209,317.00			
Total HVAC Contract	\$184,300.00	\$209,317.00			
<u>Electric Contract</u>	<u>Estimate</u>	<u>Kahls *</u>	<u>Raco</u>	<u>Electric Power</u>	<u>Claggett</u>
Base Bid	\$31,970.00	\$37,866.00	\$38,004.00	\$39,360.00	\$43,800.00
Total Electric Contract	\$31,970.00	\$37,866.00	\$38,004.00	\$39,360.00	\$43,800.00

**Report of Award of Contracts and  
Establishment of Contingency Funds (Contd)**

Background (contd)

Fyffe Road Improvements, Phase I

This project will repair and resurface approximately 7,500 square yards of asphalt paving from Lane Avenue to Buckeye Village. The repairs include rebuilding a major portion of the base which has failed due to age and heavy use. The total project cost is \$157,599.00; funding is provided from Senate Bill 336. The estimated completion date is September 1991. The contract awarded is as follows:

General Contract: Greensboro Corporation, Columbus, Ohio

Amount: \$136,399.00

Estimate: \$124,000.00

Total All Contracts: \$136,399.00

Contingency Allowance: \$ 10,912.00 (8% of construction cost)

Total Project Cost: \$157,599.00

April 5, 1991

REPORT OF AWARD OF CONTRACTS AND ESTABLISHMENT OF CONTINGENCY FUNDS

FYFFE ROAD IMPROVEMENTS, PHASE I

Tabulation of Bids

Bids received by The Ohio State University on November 8, 1990. Bids opened by Tamara Bell and tabulated by Ray Yanscik. Awards indicated with an "\*".

<u>General Contract</u>	<u>Estimate</u>	<u>Greensboro *</u>	<u>Strawser</u>
Base Bid	\$124,000.00	\$136,399.00	\$151,765.00
Total General Contract	\$124,000.00	\$136,399.00	\$151,765.00

**Report of Award of Contracts and  
Establishment of Contingency Funds (Contd)**

Background (contd)

Magnetic Resonance Imaging Facility - Phase II

This project will provide facilities to house a 1.5 Tesla magnetic resonance instrument. This facility will be adjacent and connected to the existing MRI facility at Means Hall. The total project cost is \$901,865.00; funding is provided from bond proceeds. The estimated completion date is December 1991. The contracts awarded are as follows:

General Contract:      Cody Zeigler, Summit Station, Ohio

    Amount:            \$429,000.00 \*

    Estimate:         \$444,000.00 \*

Plumbing Contract:    J. A. Croson, Columbus, Ohio

    Amount:            \$ 50,489.00

    Estimate:         \$ 46,000.00

HVAC Contract:        R. M. Giehl, Columbus, Ohio

    Amount:            \$126,850.00 \*

    Estimate:         \$138,000.00 \*

Electric Contract:     Advantage Electric, Columbus, Ohio

    Amount:            \$165,555.00 \*

    Estimate:         \$179,000.00 \*

Total All Contracts:    \$771,894.00 \*

Contingency Allowance: \$ 61,753.01 (8% of construction cost)

Total Project Cost:    \$901,865.00

\* Recommended alternates included in these figures.

April 5, 1991

REPORT OF AWARD OF CONTRACTS AND ESTABLISHMENT OF CONTINGENCY FUNDS

MAGNETIC RESONANCE IMAGING FACILITY - PHASE II

Tabulation of Bids

Bids received by The Ohio State University on January 17, 1991. Bids opened by Tamara Bell and tabulated by Ray Yanscik. Awards indicated with an "\*\*

<u>General Contract</u>	<u>Estimate</u>	<u>Cody Zeigler *</u>	<u>Gutknecht</u>	<u>Charm</u>	<u>Functional</u>
Base Bid	\$437,000.00	\$423,700.00	\$428,000.00	\$433,200.00	\$439,900.00
Alt. G-1 (Power Cond.)	1,000.00	300.00	500.00	500.00	600.00
Alt. G-4 (Carpet)	6,000.00	5,000.00	4,900.00	4,900.00	5,200.00
Total General Contract	\$444,000.00	\$429,000.00	\$433,400.00	\$438,600.00	\$445,700.00

Alternates not taken:

Alt. G-3 (Site Impr)	\$2,500.00	\$2,000.00	\$1,800.00	\$2,000.00	\$2,300.00
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General Contract (cont.)

M & P

Base Bid	\$482,900.00
Alt. G-1 (Power Cond.)	1,000.00
Alt. G-4 (Carpet)	4,800.00
Total General Contract	\$488,700.00

Alternates not taken:

Alt. G-3 (Site Impr)	\$1,900.00
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Plumbing Contract

Estimate

Crosen \*

Radico

Base Bid	\$46,000.00	\$50,489.00	\$59,300.00
Total Plumbing Contract	\$46,000.00	\$50,489.00	\$59,300.00

HVAC Contract

Estimate

Giehl \*

Farber

Swain

Radico

Base Bid	\$123,000.00	\$112,500.00	\$121,100.00	\$124,340.00	\$124,600.00
Alt. H-1 (Power Cond)	2,000.00	1,150.00	1,250.00	1,900.00	1,400.00
Alt. H-4 (Data Syst)	13,000.00	13,200.00	13,000.00	14,900.00	13,000.00
Total HVAC Contract	\$138,000.00	\$126,850.00	\$135,350.00	\$141,140.00	\$139,000.00

Electric Contract

Estimate

Advantage \*

Reco

Kahl

Romanoff

Base Bid	\$134,000.00	\$129,889.00	\$129,786.00	\$129,496.00	\$132,940.00
Alt. E-1 (Power Cond)	45,000.00	35,666.00	39,956.00	40,590.00	37,050.00
Total Electric Contract	\$179,000.00	\$165,555.00	\$169,742.00	\$170,086.00	\$169,990.00

Alternates not taken:

Alt. E-3 (Site Impr)	\$10,000.00	\$8,492.00	\$10,916.00	\$10,886.00	\$10,250.00
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Electric Contract (cont.)

States

Royal

Claggett

Base Bid	\$134,490.00	\$137,800.00	\$145,600.00
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Alt. E-1 (Power Cond)	46,000.00	38,900.00	39,680.00
Total Electric Contract	\$180,490.00	\$176,700.00	\$195,280.00
Alternates not taken:			
Alt. E-3 (Site Impr)	\$11,000.00	\$12,500.00	\$11,965.00

**Report of Award of Contracts and  
Establishment of Contingency Funds (Contd)**

Background (contd)

Doan Hall - 1 Center Renovation

This project will renovate the first floor of Doan Hall to provide offices for Quality and Resource Management, Volunteer Services, and Medical Director Administration. The total project cost is \$381,168.80; funding is provided from University Hospitals. The estimated completion date is November 1991. The contracts awarded are as follows:

General Contract:	Brothers Construction, Columbus, Ohio
Amount:	\$164,295.00
Estimate:	\$175,000.00
Plumbing Contract:	J. A. Croson/Lincoln T. Mandeville, Columbus, Ohio
Amount:	\$ 21,300.00
Estimate:	\$ 19,000.00
HVAC Contract:	D. E. Mechanical/Legner, Columbus, Ohio
Amount:	\$ 74,900.00
Estimate:	\$ 75,000.00
Electric Contract:	Now/Romanoff, Columbus, Ohio
Amount:	\$ 60,300.00
Estimate:	\$ 63,000.00
Total All Contracts:	\$320,795.00
Contingency Allowance:	\$ 25,663.60 (8% of construction cost)
Total Project Cost:	\$381,168.80

April 5, 1991

REPORT OF AWARD OF CONTRACTS AND ESTABLISHMENT OF CONTINGENCY FUNDS

DOAN HALL - 1 CENTER RENOVATION

Tabulation of Bids

Bids received by The Ohio State University on January 16 and January 30, 1991. Bids opened by Tamara Bell and tabulated by Ray Yanscik. Awards indicated with an "\*".

<u>General Contract</u>	<u>Estimate</u>	<u>Brothers *</u>	<u>Williamson</u>	<u>McDaniels</u>	<u>Wise</u>
Base Bid	\$175,000.00	\$164,295.00	\$164,500.00	\$170,072.74	\$174,498.00
Total General Contract	\$175,000.00	\$164,295.00	\$164,500.00	\$170,072.74	\$174,498.00
<u>General Contract - cont.</u>	<u>Smoot</u>	<u>Estes</u>			
Base Bid	\$178,900.00	\$179,111.00			
Total General Contract	\$178,900.00	\$179,111.00			
<u>Plumbing Contract</u>	<u>Estimate</u>	<u>Croson/ Mandeville *</u>	<u>Edmonds</u>	<u>Brothers</u>	
Base Bid	\$19,000.00	\$21,300.00	\$29,338.00	\$36,815.00	
Total Plumbing Contract	\$19,000.00	\$21,300.00	\$29,338.00	\$36,815.00	
<u>HVAC Contract</u>	<u>Estimate</u>	<u>D E Mech Legner *</u>	<u>Brothers</u>	<u>Edmonds</u>	
Base Bid	\$75,000.00	\$74,900.00	\$80,500.00	\$81,500.00	
Total HVAC Contract	\$75,000.00	\$74,900.00	\$80,500.00	\$81,500.00	
<u>Electric Contract</u>	<u>Estimate</u>	<u>Now/ Romanoff *</u>	<u>Advantage</u>		
Base Bid	\$63,000.00	\$60,300.00	\$62,273.00		
Total Electric Contract	\$63,000.00	\$60,300.00	\$62,273.00		

**APPENDIX LXVIII**

**PURCHASE OF BUILDING OCCUPANCY RIGHTS  
AND PURCHASE OF REAL PROPERTY**

**Adopted by the Board of Trustees, April 5, 1991  
(See page 1057)**

## **Purchase of Building Occupancy Rights and Purchase of Real Property**

### Background

#### Location and Description

The Ohio Legal Center Building is located at 33 West 11th Avenue, on the south side of the street, one block west of North High Street. The three-story building, of brick and limestone construction, contains approximately 24,400 gross square feet. It was built in 1962 and is in good condition given its age. The building is located on approximately 0.77 acre owned by The Ohio State University. To the rear of the building, across an alley, are two unimproved lots at 36-40 West Tenth Avenue, totaling approximately 0.314 acre. These lots are owned by the Ohio State Bar Association and provide parking for the Ohio Legal Center.

#### Present use of the Building

In 1960, the Ohio State Bar Association (OSBA), the Ohio State Bar Foundation (OSBF), and the University entered into a cooperative agreement whereby the OSBF donated \$647,400.01 to the University, with the money being used to construct the Ohio Legal Center building for use by the OSBA and OSBF. Under the agreement, the University provides all maintenance and repair, except for utilities. OSBA and OSBF have exclusive occupancy rights to the building. In the event the University needs the building for University purposes or wants to sell the building, the University must compensate OSBF for the reasonable value of the building. The building was constructed on land acquired by the University in 1960, and the University retained title to the land.

#### Proposed Purchase

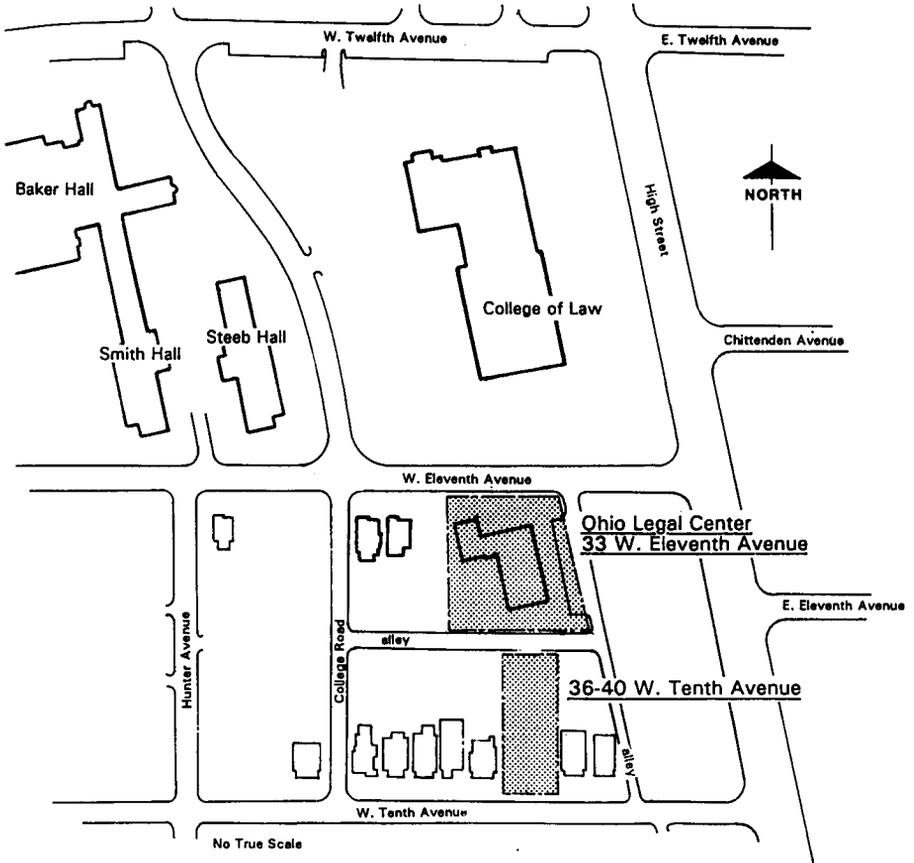
The OSBA has determined that the building no longer is adequate to serve the needs of the OSBA and its related organizations, and, in consultation with the University, decided it would not be feasible to expand these facilities. As a consequence, OSBA and OSBF decided to relocate their operations to a new facility in a different location and to sell back to the University their exclusive occupancy rights to the building and to sell the two lots on West Tenth Avenue. OSBA has under contract the construction of a new facility just off West Fifth Avenue adjacent to the Scioto River, and expects that facility to be completed in March 1991.

An MAI appraisal conducted for the University by Wilhelm and Associates in May 1989, valued the improvements at 33 West 11th Avenue at \$880,000.00 and the two lots at 36-40 West Tenth Avenue at \$150,000.00 (a total valuation of \$1,038,000.00). An MAI appraisal done for OSBA by the Robert Weiler Company in April 1989, valued the improvements at 33 West 11th Avenue at \$850,000.00 and the lots on West Tenth Avenue at \$125,000.00 (a total valuation of \$975,000.00). The University and the OSBA have negotiated a price of \$890,000.00. The funds for the purchase would be provided from the Land Purchase Account.

The price reflects agreement among the parties that Ohio State shall be responsible for any real property taxes should there be a final judicial determination that the property is not exempt from taxation. (The 1960 agreement is silent on this issue; at that time the property was exempt. However, it was placed back on the tax duplicate in the early 1980's, and that matter is in litigation.)

The building would be used by the University to provide much needed office and support space for University programs and offices. The two lots would continue to be used for parking.

# Ohio Legal Center Purchase



Office of Business and Administration  
April 5, 1991

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**APPENDIX LXIX**

**1100 KINNEAR ROAD  
COLUMBUS, OHIO**

**Adopted by the Board of Trustees, April 5, 1991  
(See page 1058)**

**Lease of Research Park Facility  
to the Edison Welding Institute**

1100 Kinnear Road  
Columbus, Ohio

Background

In 1984, the Edison Welding Institute was formed as an Ohio nonprofit corporation to conduct programs of research, development, education, training, and technology transfer in the fields of welding and allied technologies. The original funding included \$4.1 million in matching funds from the State of Ohio's Edison Partnership Program. Pursuant to authorization by the Board of Trustees in November 1984, The Ohio State University is a member of EWI, with two representatives on the Institute's Board. Currently, EWI has about 80 employees and an annual budget of approximately \$9 million.

In October 1984, the Board of Trustees authorized the purchase of the property at 1100 Kinnear Road to provide space to house EWI in the University's Research Park. The University purchased this property at a price of \$825,000.00 from Allis Chalmers, Inc. The property consists of an office/research/shop building containing approximately 46,500 gross square feet located on a 5.6 acre tract. The University subsequently invested approximately \$2 million to renovate the facility for EWI's special use.

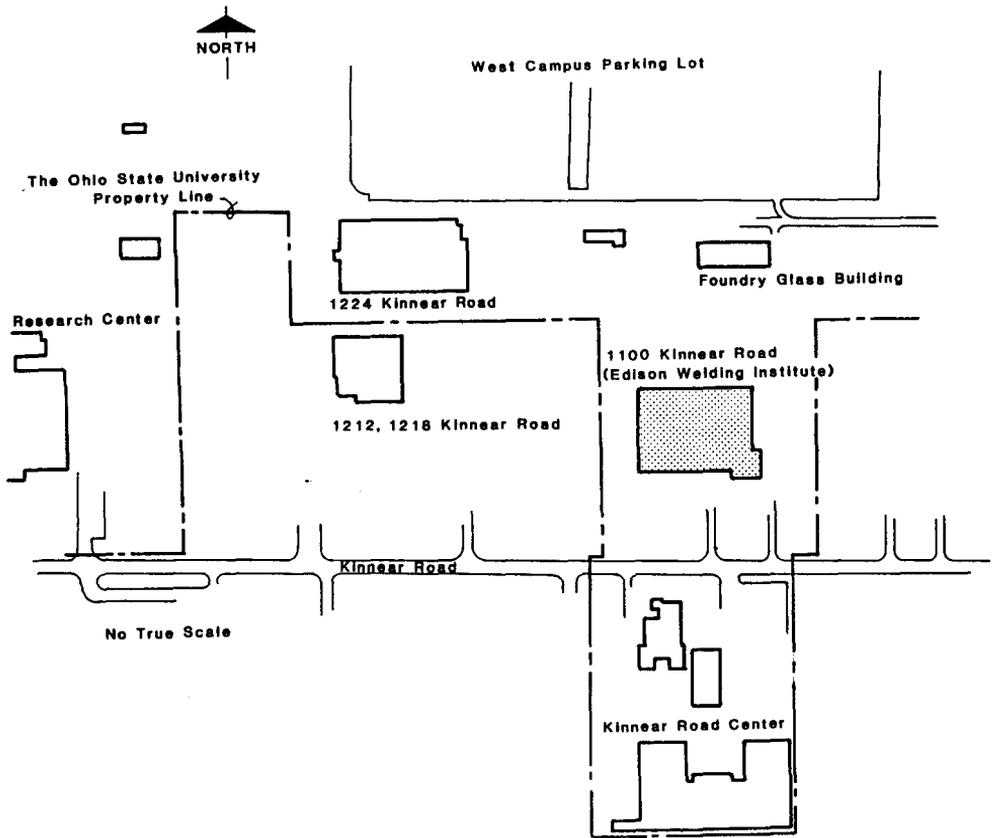
As a part of Ohio State's involvement in EWI, the University entered into a five-year lease of this space to EWI. Under the lease, EWI paid for all direct, interior operating costs (e.g., custodial services and utilities); the University considered the remainder of the rental value as a part of its contribution toward the successful establishment of this new research venture. That lease expired in December 1989. While new arrangements were being negotiated, the lease was extended at a cash rental rate of \$10,000.00 per month.

The proposed lease is for a five-year period, with a negotiated rental rate of \$289,600.00 per year (\$24,133.33 per month). This rental rate covers all of the University's operating and maintenance costs, depreciation on the improvements, and interest on the purchase loan. As a condition of the lease, EWI and the University will negotiate and enter into an official affiliation agreement. The lease also provides that either party has the right to cancel upon one year's notice.

A real estate evaluation commissioned by EWI estimated the fair market rent at \$289,600.00 per year. An MAI appraisal by Wilhelm and Associates in June 1989, placed the fair market rental value at \$325,388.00 to \$360,251.00.

EWI desires to increase the amount of space for its operation, and the University will negotiate the terms, including full-cost recovery, of providing an addition to the building. These negotiations still are in the preliminary planning stages.

# Edison Welding Institute Lease



Office of Business and Administration

April 5, 1991

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**APPENDIX LXX**

**REAFFIRMATION OF ADOPTION OF THE NOISE COMPATIBILITY  
STUDY FOR THE OHIO STATE UNIVERSITY AIRPORT**

**Adopted by the Board of Trustees, April 5, 1991  
(See page 1059)**

**Reaffirmation of Adoption of the Noise Compatibility  
Study for The Ohio State University Airport**

Background

In June 1986, the University accepted a Federal Aviation Administration grant to conduct an update of the University Airport Master Plan (1987-2007) and to conduct a concurrent Noise Compatibility Study (1989-1994) to assess the existing and projected noise impacts of the Airport on the surrounding communities. These studies were conducted by Aviation Planning Associates, Inc., in association with Moody/Nolan, Ltd., and Grindle and Bender. The completed Noise Compatibility Study, which recommended a Noise Compatibility Program to reduce noise impacts on certain areas of the community which may occur by 1994, was adopted by the Board of Trustees on February 2, 1990.

Subsequent to that approval, the University Airport conducted a public hearing on the Study on March 28. The majority of comments recorded at the hearing were supportive of adoption of the Study, and the material and testimony resulting from the hearing were included in the transmittal of the Study to the FAA for approval. As a result of its review, the FAA now is requesting that the Board of Trustees approve the Study as submitted, including the results of the hearing.

THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND TWO HUNDRED AND SEVENTY-SECOND MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, May 3, 1991

The Board of Trustees met at its regular monthly meeting on Friday, May 3, 1991, at The Ohio State University College of Agriculture, Columbus, Ohio, pursuant to adjournment.

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Minutes of the last meeting were approved.

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May 3, 1991 meeting, Board of Trustees

The Chairperson, Mrs. Bowser, called the meeting of the Board of Trustees to order on May 3, 1991, at 12:00 noon. She requested the Secretary to call the roll.

Present: Shirley D. Bowser, Chairperson, Hamilton J. Teaford, John J. Barone, Deborah E. Casto, John W. Kessler, Milton A. Wolf, Alex Shumate, Theodore S. Celeste, and David A. Tonnies.

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Mrs. Bowser:

I want to say how pleased we are to be over in the College of Agriculture today. We have been looking at different locations around the campus to move our Board meetings to so other people would be able to join us. It is appropriate that we are meeting in the College of Agriculture today, since I am a farm kid. We want to thank you nice people for all the inconveniences and the rescheduling that you have had to do to accommodate us.

I would also like to welcome Fred Dailey, the new Director of Agriculture for the State of Ohio, to our meeting. It is most appropriate, Fred, that you are with us today. We are so happy you could join us this morning. Thank you for coming.

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**ELECTION OF OFFICERS  
BOARD OF TRUSTEES**

Resolution No. 91-114

Mr. Scott read the Nominating Committee's report in which the following slate of officers were recommended:

WHEREAS pursuant to paragraph (B) of rule 3335-1-02 of the Administrative Code, the officers of the Board are to be elected at the May meeting to take office immediately following adjournment of the Meeting (May 3, 1991) and shall hold their office through the May 1992 meeting:

NOW THEREFORE

BE IT RESOLVED, That the following slate of officers for 1991-92 be elected:

Hamilton J. Teaford, Chairman

John J. Barone, Vice Chairman

Madison H. Scott, Secretary

James L. Nichols, Treasurer

Upon motion of Mr. Kessler, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

**ELECTION OF OFFICERS  
BOARD OF TRUSTEES (contd)**

Mrs. Bowser:

I can't tell you how much I know you will enjoy Joel's leadership next year. He is a very bright and energetic person and he cares a great deal about this institution. I know under his leadership that you are going to have a marvelous year. My only regret is that I won't be here to share in it -- but then I trained him, so he ought to be pretty good.

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**PRESIDENT'S REPORT**

President Gee:

I am delighted to be here today. Bob, would you please express to your colleagues and all of those involved, particularly the wonderful students that greeted us, how appreciative we are in being here in this very special College. And, indeed, I know everyone shares in the occasion. It was with heartfelt appreciation, I can assure you, that we are here today.

I have found that the spring of the year is the time for awards and recognitions, time to celebrate the remarkable achievements -- both individual and collective -- of our great University family. From the Women's Basketball Appreciation Banquet on the second day of April to the linking of the new members of Sphinx Senior Honorary that is taking place today while we meet -- indeed that happened with our dear Chairperson -- there have been numerous occasions, and more importantly, many reasons to celebrate.

In the midst of what continues to be of grave concern about the State budget for the next biennium -- and, I might add, we are working diligently to make the case to the legislature for appropriate support for Ohio State -- it is heartening to have so much good news to report.

I must begin with the wonderful news that nine of our faculty members received the Presidential Young Investigators Award, a prestigious national award in science and engineering. With only 220 awarded nationally, having 9 on this campus is a significant accomplishment. I loved the Dispatch headline: "OSU rakes in 9 national awards."

One of the recipients of this research honor, Professor Oliver McGee, is a 1991 winner of an Alumni Distinguished Teaching Award. Professor McGee is highly respected by his students and, as is obvious from this most recent honor, by his academic colleagues as well. I might note, that Oliver was considered by many to be the finest drum major that we have ever had leading our great marching band. This gives me the opportunity to reiterate that outstanding teaching and distinguished research do, indeed, go hand in hand.

Let me give you another example of the notable results of students and faculty fully engaged in the process of intellectual inquiry. Robert Bianco, a graduate engineering student, and his adviser, Professor Robert Rapp of the Department of Materials Science and Engineering, were among the three winners of the first BF Goodrich Collegiate Inventors Program. They were recognized for a process they invented for coating an alloy on gas turbine blades, thereby improving performance and the life of turbines for ship and aircraft propulsion.

## PRESIDENT'S REPORT (contd)

President Gee: (contd)

This month, we issued the latest edition of Benchmark Ohio, a compilation of current information on how Ohio spends its tax dollars, the state's business patterns, its support for education, and various socioeconomic indicators and tidbits of information. As you well know, this particular effort is chaired, edited, and written by our Vice President for Finance, Bill Shkurti.

In addition, the faculty of the School of Public Policy and Management should be recognized for making this research volume available, thanks to help from Society Bank, to various agencies, and people around the State. It is an outstanding service to this State, and reflects the work of faculty and students in pulling together a great amount of information in a useful manner. As I told the press corp at the announcement of this publication, from now on, when I ask Bill Shkurti a question about this State, he will tell me to "look it up in the book!" Today, teaching, research, and service are, again through this effort, serving well the people of Ohio and of Ohio State. And, in the spirit of creating an even stronger sense of community, it is important that we recognize achievement and take pride in our colleagues.

This month, we honored the 13 faculty members chosen as Alumni Distinguished Teaching Award Winners and as Distinguished Scholars. We congratulated Professor Randall Ripley, Chair of our outstanding Department of Political Science, as the recipient of the Provost's 1991 Chairperson Recognition Award.

The Ohio State Awards for excellence in broadcasting were presented in Washington this month and I had an opportunity to attend. Since 1936, Ohio State has been recognizing programs that educate, inform, and culturally enrich their audiences. And, yes, there still are some TV & radio programs like that!

I told the audience in Washington that I am an avid fan of National Public Radio programs, particularly "Morning Edition." I am always disappointed, however, that I can't get "Morning Edition" until two hours after these folks make me get up and get to work. I was delighted to participate in this year's presentation. The Ohio State Awards are considered highly prestigious by the broadcast industry.

This week we are recognizing our Hispanic community by celebrating Hispanic Awareness Week. The programs have ranged from workshops on housing issues and on Chicano literature, to a program on Hispanic film.

I want to offer this public recognition for staff members in our Travel Office who accepted my challenge to reduce bureaucracy and increase efficiency. They have reduced the amount of time it takes to process a reimbursement check by about one-third, simply by improving the paper trail. This sounds like a small thing, unless you are the faculty member with American Express hounding you about paying for a trip you can barely remember but for which you have not been reimbursed.

We have begun solving that criticism. The problems with bureaucracy are not problems with our staff, as I have said repeatedly. In fact, it is staff members who know how to solve these bottlenecks and, indeed, are doing so.

**PRESIDENT'S REPORT (contd)**

President Gee: (contd)

Ohio State honored two outstanding individuals at the National Black Mayors Conference hosted in Cleveland by the Honorable Mayor Michael White. I presented a citation to Mayor White as one of our outstanding graduates, and to Mayor Unita Blackwell, president of the association. Mayor White's words of praise at that time for this University to that audience were wonderful recognition for the people of Ohio State.

To recognize the importance of the family members of our students, a very successful new program was implemented this month: Parents Weekend. Under the creative direction of Dave Mucci and Betsy Davis of the Ohio Unions, more than 800 parents had the opportunity to hear lectures, engage in panel discussions of campus issues, take tours, tailgate on the riverbank, and attend the spring football game. By the way, we did win that game!! I was pleased that so many family members came by my office during an open house.

We have recognized many students this month. The Black Student Leader Award recipients, the College of Business Pacesetters, the members of Bucket and Dipper junior honor society -- including our Chairperson, Shirley Dunlap Bowser -- and the 49 students receiving the Presidential Leadership Citation. I wish that each of you could meet and get to know these outstanding students who were recognized in ceremonies this month. I can only say that one word describes them -- they are remarkable.

It is humbling, indeed, to hear the credentials of the eleven Outstanding Seniors, recognizing that these are capable students who have excelled in their academic programs, in leadership roles, in service to our University, and have managed to have a great time in academic excellence while doing so!

I am beginning my ninth month at Ohio State -- some people on my staff are maintaining that in the ninth month, you should get more rest! Be assured, while we are proud of the many achievements I have reported today, there will be no rest. And, in that regard, I look forward to our new leadership with our new Chair, Mr. Teaford, and certainly, John, I look forward to working with you.

It would be not only inappropriate, but, indeed, not anything that any of us would want to have note without saying that Shirley Bowser, our Chairperson this year, has done a remarkable job. She is a citizen of this University, a citizen of this State, and a citizen of academic excellence. It has been an honor and a privilege for me to serve with her. And Shirley, I know I speak on behalf of everyone in this room, our 61,000 students, 30,000 faculty and staff, 108,000 dues paying alumni, 300,000 living alumni, and 11 million Ohioans in thanking you very much for being such a wonderful Chairperson.

Mrs. Bowser:

Thank you, very much.

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## HOSPITALS BOARD REPORT

Mrs. Bowser:

I would like to call on Dr. John Kramer, Chairman of the Hospitals Board, to give the annual report. I want to thank John for his devoted service to our University Hospitals. He has served three years as Chair of the Hospitals Board by request, because he did such an outstanding job. John, I want you to know from the Board how much we appreciate the fine work that you have done.

Dr. John Kramer:

Thank you for those kind words. It has been a labor of love.

Madam Chairperson, President Gee, members of the Board of Trustees of The Ohio State University, I have some prepared remarks and then I have a couple of ad-lib remarks that I would like to call your attention to. As I conclude my third and final year as Chairman of the University Hospitals Board, I want to share with you one more update on the status of University Hospitals and to thank you for your continuing support. I also want to express my sincere gratitude to Mr. Teaford, Mr. Shumate, and all of the Hospitals Board members for their commitment of time and talent for the good of the Hospitals and the patients we serve.

In a hospital as large and diverse as ours, keeping abreast of all of the organization's accomplishments is not a simple task. But since these endeavors impact heavily on the quality of our patient care, academic excellence and advanced knowledge gained through research, we need to pause occasionally, look back on the previous year, and evaluate our progress.

Since my last report to you, University Hospitals has made great strides. Administration, the Medical Staff, and Nursing Services are working hand-in-hand to implement the recommendations of the Nursing Task Force in dealing with the national shortage of qualified nurses. Our strategies, including scholarships, a clinical ladder program, externships, nurse management development, and recognition activities, helped the Hospitals to achieve the best recruiting year since 1985. This has allowed us to open an additional 40 beds during the past 16 months.

The annual HCFA mortality report reveals that for the third consecutive year, University Hospitals' mortality rate is the lowest in Central Ohio and is comparable to or better than other prestigious medical centers nationwide. University Hospitals is one of 6 regional perinatal centers in Ohio, offering comprehensive medical services for mothers and infants. The Division of Maternal-Fetal Medicine treats high-risk patients and is a leader in prevention of premature births. Our Transplant program continues to grow and now averages one organ transplant every 48 hours. To promote awareness of the need for organ donation, University Hospitals initiated a joint effort with the Ohio Department of Highway Safety to provide information at every licensing agency. The theme of this campaign is "Be a Life Preserver."

The Ohio State University Medical Center and the Cleveland Clinic are moving toward implementing a newly developed affiliation. We expect this historic new bond between our major teaching hospitals will benefit both institutions -- and in the long run, the real beneficiaries will be the people of Ohio.

## HOSPITALS BOARD REPORT (contd)

Dr. Kramer: (contd)

Over the past months we have strengthened our relationship with Children's Hospital. Children's is now affiliated with our highly-successful Ask-A-Nurse program. They also have joined the consortium for SkyMed, which has established itself as an outstanding medical helicopter service. SkyMed has enjoyed near-record growth with 686 completed flights in the first 8 months of the current fiscal year. SkyMed is the only instrument-rated medical helicopter service in Ohio, and has won several safety awards.

The opening of the new Prep Center has greatly facilitated preadmission testing for ambulatory and admission-day surgery cases. A new extended patient care area in the Emergency Department provides more comfortable and private surroundings for monitoring, diagnosis and admitting decisions, or until the patient can be moved to the appropriate in-patient nursing unit. A hospitality lounge has also been created for electively scheduled patients between the time of admission and transport to the appropriate unit. You may already have seen newspaper and television reports about the Hospitals' new hyperbaric chamber and the dramatic results it can achieve for our patients and those sent to us from other hospitals.

As the result of an agreement with the Ohio Industrial Commission, University Hospitals assumed management responsibility late last year for the J. Leonard Camera Industrial Rehabilitation Center. Our new Sports Medicine Center recently opened at the Camera Center and is expected to become one of the premier facilities in the nation under the leadership of Drs. Bob Murphy and John Lombardo.

In January, OSU Hospitals was selected as one of 4 U.S. hospitals to participate in a Medicare coronary artery bypass pilot project designed to ensure high-quality care and provide patients with better value for their healthcare dollars. In keeping with our mission of providing state-of-the-art care to our patients, we have submitted Certificate of Need applications that include expansion and upgrading of our Surgical Intensive Care Unit and Neonatal Intensive Care Unit, as well as expansion and renovation of our psychiatric facility. Because our existing MRI scanner is the busiest in Central Ohio and one of the most heavily utilized in the nation, we have begun construction to accommodate an additional scanner. The new unit is expected to become operational in late fall.

Last year the long-awaited opening of the James Cancer Hospital and Research Institute was accomplished. University Hospitals has been greatly instrumental in helping this wonderful new facility to open its doors and carry out its mission of cancer treatment, education, and research.

Of course, education and research continues to receive very high priority in University Hospitals and the College of Medicine. Medical residents in the Hospitals' Ophthalmology department received the highest ranking in the United States on a written exam given annually to the ophthalmology residents throughout the nation. A few days from now, our Center for Continuing Medical Education will begin broadcasting on a new satellite TV network aimed at physicians in the U.S. and southern Canada. A 3-day Ethics Conference at the OSU Medical Center last November addressed the moral, legal, economic and social concerns raised by the advancements in medical technology. A two-year study at several major medical centers, including Ohio State, has revealed that the use of a specific drug has reduced by 50 percent the rate of spinal fractures caused by osteoporosis. The new molecular pathology lab is conducting very exciting research into genetic testing and

## HOSPITALS BOARD REPORT (contd)

Dr. Kramer: (contd)

may someday lead to effective therapies for muscular dystrophy and cystic fibrosis. The College of Medicine, along with 15 other medical schools in the nation, received a grant from the U.S. Department of Health and Human Services to help recruit and retain minority students and other underrepresented persons in medicine.

Besides providing high quality care for the people of Ohio as cost-effectively as possible, we've been good neighbors in other ways, too. For the third consecutive year, University Hospitals has received the Life Sharing Award from the American Red Cross in recognition of our outstanding blood donor program. The Private Industry Council presented University Hospitals with its Youth Employer of the Year Award. Our extensive participation in the summer youth program has helped provide youngsters in the community with jobs and career goals. OSU's Minority Business Development Program recognized the Hospitals by awarding us the 1990 Department of the Year Award for "setting an excellent example for the campus community for working with minority business enterprises." University Hospitals provides an approximate 18 percent discount to the OSU Health Plan so the University can offer its employees and their dependents the best and most cost-efficient healthcare.

The Hospitals staff's hard work has also brought significant honors to this institution. Last April, University Hospitals was honored by U.S. News and World Report as one of the nation's best hospitals. Only 57 of the nation's 6,720 hospitals were so recognized, and OSU was the only Central Ohio hospital to achieve this honor. During the past 6 months we underwent intensive accreditation reviews by the Joint Commission on Accreditation of Health Care Organizations, the Commission on Accreditation of Rehabilitation Facilities, and the Ohio Health Department's Validation Survey for Compliance with Medicare Conditions of Participation. The Hospitals successfully completed each review, was granted the maximum accreditation for all three surveys, and received a letter of commendation from the Joint Commission for compiling a score achieved by only the top 5 percent of hospitals across the nation. Just recently, U.S. News and World Report ranked The Ohio State University's College of Medicine second in the nation for primary and medical care education. There was only .008 percent that separated the first and second positions. So, I think we can safely say that we are one of the top in the country.

This is not a complete summary of the Hospitals' achievements -- but I do think it is representative of our commitment and direction. The healthcare industry still faces enormous challenges, including manpower shortages, cuts in educational funding and patient care reimbursements, rising costs, uninsured and underinsured patient populations, and the devastating effects of AIDS and substance abuse. The Hospitals Board is working hard to understand and cope with these problems.

Through March of this fiscal year, more than \$40 million in patient care was uncompensated. This includes bad debts and the portion of hospital charges unpaid by Medicare and Medicaid, and not recoverable from any source. In addition, during that same time period, University Hospitals has provided another \$3.3 million in charity care to the less fortunate in the community. The Board is committed not only to careful management of our resources, but also to active participation in the public and private fundraising efforts for the entire medical center.

### HOSPITALS BOARD REPORT (contd)

Dr. Kramer: (contd)

Dr. Tzagournis, Mr. Fraley, Dr. Mekhjian, and the administrative, medical and nursing staffs, are all committed to the very best in patient care, education, research, and hospital management. With your continuing support, our great medical center will become even greater.

In addition, to those prepared remarks there are three other items that I would briefly like to touch on. One is the funding for the Cancer Hospital. The Hospitals Board, as you are all aware, also is very concerned about the start-up costs of that institution. As you all know, we have been funding that and now they owe us \$30 million plus in start-up costs. The purpose of bringing this up is that I think we have a window of opportunity where we could maybe restructure that debt. We would like for you to consider that. The window of opportunity is that interest rates are low right now. If we were to go out and bond that money, it would free up a lot of capital to purchase and fund projects that University Hospitals and the Board feels that they need. These projects simply have been put on the back burner because of the cash drain for the start-up costs for the Cancer Hospital. The good news is we feel that the debt could be serviced both by the Cancer Hospital and University Hospitals, the projections indicate that. The debt ratio of University Hospitals is among the lowest in the Big Ten. We feel that we do need new equipment, and this may be an opportunity to bond this money at a low rate, so we might be able to do something about that.

The second item is parking. We want to make the Medical Center more consumer friendly. It is part of our mission to get more patients in the Hospitals to increase our revenues and be accessible to the people of Ohio. Parking has been a big concern. Mr. Nichols told me that three floors are to be added on to the 12th Avenue garage, and that is really going to help a lot. I was very pleased to learn that yesterday.

Now that we have the parking, we have to find the Hospitals. Signage -- I know that there is a study underway to get better signage. Being a tertiary care center, we get a lot of patients from out of town. If you are not from Franklin County and you drive up Route 315 in this community, it is very difficult to find the medical center. We feel that proper signage is missing. I can tell you that the previous chairman, Mr. Vorys, said to me, "John, I tried for two years to get signs around here and have not been able to do that." And I can tell you that I have been trying for three years to get signs around here and have not been able to do it. We do know that there is a study going on, all that we ask is that perhaps you could expedite it. If there are any questions, I will be happy to try and answer them. Thank you all, very much.

Mrs. Bowser:

Thank you, very much, John, for your very excellent leadership.

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## RESEARCH FOUNDATION REPORT

Ms. Casto:

Research Foundation grants and contracts for the first nine months of fiscal year 1991 are shown in the Board Agenda Book. There are 1,023 awards listed which provide a gross income of \$91.3 million. Funding for this fiscal year to date is 3.5 percent ahead of that of the similar period for last fiscal year. Federal funding has increased overall and funding from the Industrial sector has also increased. Some highlights of awards for March are:

\$187,000 from the National Heart, Lung, and Blood Institute for a study on how antibodies activate blood platelets.

\$180,000 from the National Science Foundation for a study on numerical competence in the chimpanzee.

\$149,500 from Calcitek, Incorporated to study dental implants.

\$29,000 from the Ohio Board of Regents through Kent State University to support the development of OHIOLINK, a project of the Ohio Library Information System.

That concludes my report.

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## HOSPITALS BOARD COMMITTEE REPORT

Mr. Teaford:

The Hospitals Board's Executive Committee met on April 25. Mr. Schrock reported that University Hospitals' net income for the month was slightly below budget, primarily due to a slight increase in the average length of stay and an unfavorable variance in the Medicaid Case Mix Index. Through March, University Hospitals has had a positive bottom line of \$1.6 million as compared to a budgeted \$170,000.00 loss. The number of days in accounts receivable fell from 110 to 96. The target of 90 days by the end of the fiscal year remain achievable.

Dr. Paul Kaplan presented the annual Dodd Hall program evaluation. He reported that Dodd Hall consistently exceeds national averages in all categories of patient rehabilitation. And I might say, very importantly, does so at some of the very lowest charges in the nation. When you consider the care and success which has come out of treatment at Dodd Hall, it is the best bargain that there is.

Mr. Fraley reported that a story in the May edition of Columbus Monthly highlights OSU Hospitals' commitment by setting up the health screening program on the near east side of Columbus. That article particularly noted the treatment of crack-addicted babies in connection with that commitment.

Dr. Kramer announced that Dr. Bernadine Healy was required to resign her Hospitals Board appointment as she was named the new Director of the National Institutes of Health. Needless to say, that cuts both ways since that is certainly a good friend for us to have.

Dr. Tzagournis summarized the State capital support to the medical center over the past decade. Dr. Kramer and Mr. Fraley acknowledged the cooperation of the medical staff in completing patient charts as quickly as possible.

### HOSPITALS BOARD COMMITTEE REPORT (contd)

Mr. Teaford: (contd)

Also, on April 25, the Board's Professional Affairs/Education/Research Committee met. There was an executive session review of the hospital-wide and department of pharmacy quality management reports. Both of those reports were very thorough and focused on monitoring of quality indicators and actions taken to enhance patient care. After returning to open session, the Committee received reports on medical staff activities.

Dr. David Cornwell summarized research activities and directions in the medical center. His report indicated that strong efforts must still continue, but the future appears bright.

Lastly, Ms. Judy Gilliam, the Hospitals' Administrator for Nursing Services, thanked the medical staff for their participation in providing funds for nursing scholarships. Sixteen scholarships have been awarded thus far during the fiscal year and they will greatly benefit the Hospitals through the commitments which those awardees have made to postgraduate work.

I also want to add one personal note as I leave the Hospitals Board. The dedication of that Board has been a constant source of inspiration to me and pride in the kinds of caring relationships that this University has been able to develop. But nothing can match the dedication of Dr. Kramer. Dr. Kramer lives practically in West Virginia, and he has been in the Hospitals every week for the last three years. That is an extraordinary level of service.

Thank you, Madam Chair.

Mrs. Bowser:

And, Dr. Kramer is asking you to put signage and bonding the debts on your very busy agenda. Maybe you can take a look at that and see where we are in the process.

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### ACADEMIC AFFAIRS COMMITTEE REPORT

Mr. Kessler:

This morning we heard a report from Dr. Seth Kantor, Associate Dean for Medical Education, on the College of Medicine receiving a three-year grant from the U.S. Department of Health and Human Services to recruit and retain more minority students and other underrepresented persons in medicine. The \$700,000 grant and the development of the MEDPATH Program was initiated by Dr. Kantor.

The program, called MEDPATH for Medical Careers Pathway, is an intensive five-quarter academic experience aimed at developing the academic knowledge base and skills of students prior to their admission to medical school. The program is designed to assist students who have received a bachelor's degree and who may need to strengthen their academic record or improve their Medical College Admissions Test (MCAT) scores; who are non-science majors; or who are changing careers.

**ACADEMIC AFFAIRS COMMITTEE REPORT (contd)**

Mr. Kessler: (contd)

In addition, we are recommending the following resolutions:

**AMENDMENTS TO THE MEDICAL STAFF BYLAWS**

Resolution No. 91-115

Synopsis: The Academic Affairs Committee recommended the approval of amendments to the Medical Staff Bylaws is requested.

WHEREAS The Ohio State University Hospitals Board pursuant to Bylaw 3335-101-04 of the Hospitals Board Bylaws is authorized to recommend to the Board of Trustees the adoption of amendments to the Medical Staff Bylaws; and

WHEREAS the proposed amendments to the Medical Staff Bylaws 3335-43-04, 3335-43-08, and 3335-43-11 were approved by the University Hospitals Board, March 21, 1991, as follows:

**AMENDED BYLAWS**

3335-43-04 Membership.

(A) through (B) unchanged.

(C) Terms of appointment. Initial appointment to the medical staff, will be for a period extending to the end of the fiscal year (first of July through thirtieth of June). Reappointment to the medical staff shall be done on a regular basis for a period not to exceed 24 months. Initial appointments, except for the honorary and limited categories, will be provisional for six months regardless of the date of his appointment.

3335-43-08 Organization of medical staff of the Ohio state university hospitals into clinical departments and divisions.

(A) Each member of the attending, courtesy, limited, and honorary staff shall be assigned to a clinical department or division upon the recommendation of the chief of the clinical department concerned.

(1) Anesthesiology

(2) Family medicine

(3) Internal medicine. The following divisions are designated:

- Allergy
- Bone marrow transplantation
- Cardiology
- Community internal medicine
- Dermatology
- Endocrinology and metabolism
- Gastroenterology
- General medicine
- Hematology and oncology
- Infectious diseases
- Pulmonary
- Renal
- Rheumatology - immunology

May 3, 1991 meeting, Board of Trustees

**AMENDMENTS TO THE MEDICAL STAFF BYLAWS (contd)**

Balance unchanged.

3335-43-11 Meetings and dues.

(A) Meetings. The medical staff of the Ohio state university hospitals shall conduct scheduled meetings twice yearly. Notice of the meeting will be sent to all attending staff at least two weeks prior to the meeting. Attendance at at least one of the two regularly scheduled meetings shall be a requirement for continued staff privileges. Exceptions requested in writing may be granted by the chief of staff, chief of staff-elect, or medical director. Unexcused absences will be reported to the medical staff administrative committee. A special meeting may be called at the option of the medical staff administrative committee.

Balance unchanged.

NOW THEREFORE

BE IT RESOLVED, That the foregoing amendments to the Medical Staff Bylaws be adopted as recommended by the University Hospitals Board.

Upon motion of Mr. Kessler, seconded by Amb. Wolf, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**HOSPITALS BOARD APPOINTMENT**

Resolution No. 91-116

Synopsis: The Academic Affairs Committee recommended the approval of emeritus status to a Hospitals Board member.

WHEREAS pursuant to bylaw 3335-93-01 of the University Hospitals Board Bylaws, the Board of Trustees may designate emeritus Hospitals Board members; and

WHEREAS John R. Hodges is a long-time friend and ardent supporter of The Ohio State University; and

WHEREAS he was one of twelve citizen members originally appointed to the Hospitals Board; and

WHEREAS in eleven years of service to the Hospitals Board his dedication, commitment and contributions to the Hospitals Board have been noteworthy;

NOW THEREFORE

BE IT RESOLVED, That upon the recommendation of the Hospitals Board and the President, the title of Hospitals Board Member Emeritus be conferred upon John R. Hodges, effective May 1, 1991.

Upon motion of Mr. Kessler, seconded by Mr. Teaford, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**HOSPITALS BOARD APPOINTMENT**

Resolution No. 91-117

Synopsis: The Academic Affairs Committee recommended the approval of emeritus status to a Hospitals Board member.

WHEREAS pursuant to bylaw 3335-93-01 of the University Hospitals Board Bylaws, the Board of Trustees may designate emeritus Hospitals Board members; and

WHEREAS Arthur I. Vorys is an alumnus and long-time friend and ardent supporter of The Ohio State University; and

WHEREAS he was one of twelve citizen members originally appointed to the Hospitals Board and has served as Chairman of the Board, Vice Chairman of the Board, and Chairman of the Joint Conference Committee; and

WHEREAS in eleven years of service to the Hospitals Board his dedication, commitment and contributions to the Hospitals Board have been noteworthy:

NOW THEREFORE

BE IT RESOLVED, That upon the recommendation of the Hospitals Board and the President, the title of Hospitals Board Member Emeritus be conferred upon Arthur I. Vorys, effective May 1, 1991.

Upon motion of Mr. Kessler, seconded by Amb. Wolf, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

Mrs. Bowser:

I would like to say that these two gentlemen have served from the original time of the Hospitals Board's creation -- eleven years. So, we do owe them a very special thank you.

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**DEGREES AND CERTIFICATES - SPRING QUARTER COMMENCEMENT**

Resolution No. 91-118

Synopsis: The Academic Affairs Committee recommended the approval of Degrees and Certificates for Spring Quarter.

WHEREAS pursuant to paragraph (E) of rule 3335-1-06 of the Administrative Code, the Board has authority for the issuance of degrees and certificates; and

WHEREAS the faculties of the colleges and schools shall transmit, in accordance with rule 3335-9-29 of the Administrative Code, for approval by the Board of Trustees the names of persons who have completed degree and certificate requirements:

NOW THEREFORE

**DEGREES AND CERTIFICATES - SPRING QUARTER COMMENCEMENT (contd)**

BE IT RESOLVED, That the degrees and certificates be conferred on June 14, 1991, to those persons who have completed the requirements for their respective degrees and certificates and are recommended by the colleges and schools, and that the names of those persons awarded degrees and certificates be included in the minutes of this meeting.

Upon motion of Mr. Kessler, seconded by Amb. Wolf, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**PERSONNEL ACTIONS**

Resolution No. 91-119

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the April 5, 1991 meeting of the Board, including the following Appointment, Reappointment of Principal Administrative Official, Reappointment of Chairpersons of Divisions, Appointment of Associate Professor with Tenure, Leave of Absence Without Salary, Leaves of Absence Without Salary--Change in Dates, Leave of Absence Without Salary--Continuation, Professional Improvement Leaves, Professional Improvement Leave--Cancellation, Professional Improvement Leaves--Change in Dates, Emeritus Titles, and Medical Staff Appointments (The Arthur G. James Cancer Hospital and Research Institute) as detailed in the University Budget be approved, and the Medical Staff Appointments approved March 21, 1991, by the Hospitals Board be ratified.

Appointment

Name: NORMAN J. URETSKY  
Title: Professor (Charles H. Kimberly Professorship in Pharmacy)  
College: Pharmacy  
Effective: July 1, 1991 through June 30, 1994  
Salary: N/A  
Present Position: Professor, Division of Pharmacology

Reappointment of Principal Administrative Official

CAROLE A. ANDERSON, Dean, College of Nursing, effective August 1, 1991, through June 30, 1996, pursuant to rule 3335-3-17 of the Administrative Code.

Reappointment of Chairpersons of Divisions

July 1, 1991 through June 30, 1995

Engineering Technologies (ATI)  
Pharmaceutical Administration

Allen P. Zimmerman  
Dev S. Pathak

Appointment of Associate Professor with Tenure

PHILIP T. K. DANIEL, Associate Professor, Department of Educational Policy and Leadership, for the Academic Year starting October 1, 1991.

Leave of Absence Without Salary

LEONARD O. NASMAN, Assistant Professor, Department of Engineering Graphics, effective Spring Quarter 1991, to complete work on a textbook on Datacad.

**PERSONNEL ACTIONS (contd)**

Leaves of Absence Without Salary--Change in Dates

ERNEST L. MAZZAFERRI, Chairperson and Professor, Department of Internal Medicine, change leave from December 8, 1990, through June 3, 1991, to December 8, 1990, through April 15, 1991.

NANCY A. RYAN-WENGER, Assistant Professor, Department of Life Span Process, change leave from January 7, 1991, through June 30, 1991, to January 7, 1991, through May 3, 1991.

Leave of Absence Without Salary--Continuation

VLADIMIR E. BONDYBEY, Professor, Department of Chemistry, effective January 1, 1991, through February 7, 1991, to continue his work at the Technical University in Munich, Germany.

Professional Improvement Leaves

LESLIE A. ADELSON, Associate Professor, Department of German, effective Autumn Quarter 1991, Winter Quarter and Spring Quarter 1992.

RIAD A. AJAMI, Professor, Academic Faculty of Management and Human Resources, effective Autumn Quarter 1991 and Winter Quarter 1992.

TERRY M. BARRETT, Associate Professor, Department of Art Education, effective Autumn Quarter 1991, Winter Quarter and Spring Quarter 1992.

OMAR O. BARRIGA, Associate Professor, Associate Professor, Department of Veterinary Preventive Medicine, effective July 1, 1991, through June 30, 1992.

BERNARD I. BAYER, Associate Professor, University Libraries, effective September 1, 1991, through August 31, 1992.

LEE B. BECKER, Professor, School of Journalism, effective Autumn Quarter 1991, Winter Quarter and Spring Quarter and Summer Quarter 1992.

VITALY BERGELSON, Associate Professor, Department of Mathematics, effective Autumn Quarter 1991, Winter Quarter and Spring Quarter 1992.

STEVEN B. BIBYK, Associate Professor, Department of Electrical Engineering, effective Autumn Quarter 1991, Winter Quarter and Spring Quarter 1992.

DIANE W. BIRCKBICHLER, Associate Professor, Department of French and Italian, effective Autumn Quarter 1991, Winter Quarter and Spring Quarter 1992.

ROGER D. BLACKWELL, Professor, Academic Faculty of Marketing, effective Autumn Quarter 1991, Winter Quarter and Spring Quarter 1992.

JOT D. CARPENTER, Professor, Department of Landscape Architecture, effective Autumn Quarter 1991.

MICHAEL A. CHIPPERFIELD, Associate Professor, Department of Art, effective Autumn Quarter 1991, Winter Quarter and Spring Quarter 1992.

MARTHA C. COOPER, Associate Professor, Academic Faculty of Marketing, effective Autumn Quarter 1991, Winter Quarter and Spring Quarter 1992.

May 3, 1991 meeting, Board of Trustees

### PERSONNEL ACTIONS (contd)

#### Professional Improvement Leaves (contd)

WILLIAM S. DANCEY, Associate Professor, Department of Anthropology, effective Autumn Quarter 1991, Winter Quarter and Spring Quarter 1992.

DAVID E. FERNIE, Associate Professor, Department of Educational Theory and Practice, effective Autumn Quarter 1991, Winter Quarter and Spring Quarter 1992.

RICHARD S. HARNED, Associate Professor, Department of Art, effective Autumn Quarter 1991, Winter Quarter and Spring Quarter 1992.

(JASON) TIN-LUN HO, Associate Professor, Department of Physics, effective Autumn Quarter 1991, Winter Quarter and Spring Quarter 1992.

RICHARD S. JENSEN, Associate Professor, Department of Aviation, effective Autumn Quarter 1991, Winter Quarter and Spring Quarter 1992.

JAY W. JOHNSON, Associate Professor, Department of Agronomy, effective July 1, 1991, through June 30, 1992.

KENT S. KNABEL, Associate Professor, Department of Chemical Engineering, effective Autumn Quarter 1991 and Winter Quarter 1992.

SUE E. LEURGANS, Associate Professor, Department of Statistics, effective Autumn Quarter 1991, Winter Quarter and Spring Quarter 1992.

R. WILLIAM LIDDLE, Professor, Department of Political Science, effective Autumn Quarter 1991, Winter Quarter and Spring Quarter 1992.

ROBERT S. LIVESEY, Professor, Department of Architecture, effective Autumn Quarter 1991 and Winter Quarter 1992.

MARY K. MARVEL, Associate Professor, Academic Faculty of Public Policy and Management, effective Autumn Quarter 1991, Winter Quarter and Spring Quarter 1992.

ICHIKO T. MORITA, Associate Professor, University Libraries, effective May 1, 1991, through July 31, 1991.

MARK T. MULLER, Associate Professor, Department of Molecular Genetics, effective Autumn Quarter 1991, Winter Quarter and Spring Quarter 1992.

SHIRLEY A. OLSEN, Associate Professor, Department of Industrial Design, effective Autumn Quarter 1991.

FUSUN OZGUNER, Associate Professor, Department of Electrical Engineering, effective Autumn Quarter 1991, Winter Quarter and Spring Quarter 1992.

UMIT A. OZGUNER, Professor, Department of Electrical Engineering, effective Autumn Quarter 1991, Winter Quarter and Spring Quarter 1992.

TOBY L. PARCEL, Associate Professor, Department of Sociology, effective Autumn Quarter 1991 and Winter Quarter 1992.

JOSEPH J. PILOTTA, Associate Professor, Department of Communication, effective Autumn Quarter 1991, Winter Quarter and Spring Quarter 1992.

May 3, 1991 meeting, Board of Trustees

## PERSONNEL ACTIONS (contd)

### Professional Improvement Leaves (contd)

PATRICIA B. REAGAN, Associate Professor, Department of Economics, effective Autumn Quarter 1991, Winter Quarter and Spring Quarter 1992.

MARK W. ROCHE, Associate Professor, Department of German, effective Autumn Quarter 1991, Winter Quarter and Spring Quarter 1992.

ALLAN J. SAMANSKY, Professor, College of Law, effective Autumn Semester 1991.

DANIEL B. SHAPIRO, Professor, Department of Mathematics, effective Autumn Quarter 1991, Winter Quarter and Spring Quarter 1992.

TODD W. SLAUGHTER, Associate Professor, Department of Art, effective Autumn Quarter 1991, Winter Quarter and Spring Quarter 1992.

VERTA A. TAYLOR, Associate Professor, Department of Sociology, effective Autumn Quarter 1991, Winter Quarter and Spring Quarter 1992.

GALA L. WALKER, Associate Professor, Department of East Asian Languages and Literatures, effective Autumn Quarter 1991, Winter Quarter and Spring Quarter 1992.

HERBERT F. WEISBERG, Professor, Department of Political Science, effective Autumn Quarter 1991, Winter Quarter and Spring Quarter 1992.

BOSTWICK F. WYMAN, Professor, Department of Mathematics, effective Autumn Quarter 1991, Winter Quarter and Spring Quarter 1992.

### Professional Improvement Leave--Cancellation

ERNEST H. LOCKRIDGE, Professor, Department of English, effective Autumn Quarter 1991, Winter Quarter and Spring Quarter 1992.

### Professional Improvement Leaves--Change in Dates

SIA K. WONG, Associate Professor, Department of Mathematics, change leave from Autumn Quarter 1990 and Spring Quarter 1991, to Autumn Quarter 1990.

MARSHA J. HAMILTON, Assistant Professor, University Libraries, change leave from July 1, 1991, through June 30, 1992, to March 23, 1992, through June 19, 1992.

### Emeritus Titles

H. JUSTIN DAVIDSON, College of Business, with the title Dean Emeritus, effective July 1, 1991.

EDWIN R. HAERING, Department of Chemical Engineering, with the title Professor Emeritus, effective April 1, 1991.

ALAN J. RUBIN, Department of Civil Engineering, with the title Professor Emeritus, effective April 1, 1991.

DAVID H. STANSBERY, Department of Zoology, with the title Professor Emeritus, effective April 1, 1991.

May 3, 1991 meeting, Board of Trustees

### PERSONNEL ACTIONS (contd)

Medical Staff Appointments (The Arthur G. James Cancer Hospital and Research Institute)

MARK L. ELLIOTT, Ph.D., Physician Extender/Psychology, under the supervision of Dr. John McDonald, Department of Anesthesiology.

JARED L. KLEIN, M.D., Attending Staff, Department of Internal Medicine (Division of Hematology/Oncology).

Medical Staff Appointment--Correction (The Arthur G. James Cancer Hospital and Research Institute)

DEBORAH A. TAYLOR, Ph.D., from Associate Attending Staff to Physician Extender/Psychology, under the supervision of Dr. John McDonald, Dr. Rao Lingam, Dr. Constantio Benedetti, Department of Anesthesiology.

Medical Staff Appointments (The Ohio State University Hospitals)

TERRESA L. HAWTHORNE, M.D., Courtesy Staff, Department of Internal Medicine (Division of General Medicine).

ERIC M. HUMPHREYS, M.D., Attending Staff, Department of Anesthesiology.

Upon motion of Mr. Kessler, seconded by Mr. Teaford, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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### RESOLUTION IN MEMORIAM

Resolution No. 91-120

Synopsis: The Academic Affairs Committee recommended the approval of the following Resolution in Memoriam is proposed.

RESOLVED, That the Board adopt the following Resolution in Memoriam and that the President be requested to convey a copy to the family of the deceased.

Margaret A. Mordy

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on March 2, 1991, of Margaret A. Mordy, Professor Emeritus in the School of Health, Physical Education and Recreation.

Professor Mordy was born on September 5, 1914 in Brookston, Indiana. She received her A.B. degree in Physical Education/Psychology from Grinnel College in 1936, her M.A. in Physical Education/Psychology from State University of Iowa in 1942, and her Ph.D. in Human Development from the University of Chicago. She then spent the next two years as a teacher in the Indianola, Iowa public school system.

Her academic teaching experience included Grinnel College, State University of Iowa, and Wayne State University. She joined The Ohio State University in 1953, and remained there until her retirement in 1974. Upon retirement, she was named Professor Emeritus. Dr. Mordy was very active in professional associations on the state, district, and national levels for many years.

**RESOLUTION IN MEMORIAM (contd)**

Margaret A. Mordy (contd)

On behalf of the University community, the Board of trustees expresses its sympathy and understanding to the family of Professor Mordy. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy

Upon motion of Mr. Kessler, seconded by Ms. Casto, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**AGRICULTURAL AFFAIRS COMMITTEE REPORT**

Ms. Casto:

I would like to call on Dr. Warmbrod to give us a little information about our College of Agriculture.

Dr. Warmbrod:

I will just briefly describe some of the features of the College. The College of Agriculture enrolls 3,000 students -- about 550 graduate students, and 2,500 undergraduate students. Seven hundred of those undergraduate students are enrolled at the Agricultural Technical Institute in Wooster, which is a two-year associate degree program. The remainder of those students would be on the Columbus campus enrolled in one of the 10 academic departments in the College and the School of Natural Resources.

The number of undergraduate students in the College of Agriculture in Autumn 1990 increased 9 percent from the previous year. The number of graduate students and students at the Agricultural Technical Institute increased slightly for an overall increase of about 7 percent.

The College, of course, participates actively in the major dimensions of the mission of a land-grant University -- teaching, research, and public service. The teaching being in undergraduate and graduate programs in Columbus and Wooster, and teaching throughout the State in the Cooperative Extension Programs. Those programs involve persons beginning with the youth and the 4-H Program, all the way to adults of any age, urban, rural, farmers, homemakers, agribusiness persons, consumers, and all the citizens of Ohio, being potential enrollees in that phase of the College's program. In fact, we have faculty and programs in every county of the State of Ohio through the Cooperative Extension Service. You can call a phone number in Ohio, and if you have the right phone number, it should say The Ohio State University.

In addition, all of our instruction is research based with another major dimension of our College being the Agricultural Experiment Station, which in Ohio is the Ohio Agricultural Research & Development Center. Our major facilities for research are on the Columbus campus and the campus in Wooster, but we have 13 additional branch stations throughout the State that do research that are specific to particular crops, particular types of livestock, or particular conditions in that part of the State.

**AGRICULTURAL AFFAIRS COMMITTEE REPORT (contd)**

Dr. Warmbrod: (contd)

A major contribution of the College is through its public service programs serving all of the citizens in the State of Ohio, much of that through the Ohio Cooperative Extension Service. We are pleased that you elected to spend the morning in the College of Agriculture and invite you back anytime you wish to come. Thank you.

Ms. Casto:

Thank you, very much. I think this is a fabulous place to be and a real popular place to be these days. I think it is a great College to brag about and especially in honor of Shirley, because I know that this is her College and she likes to make it shine.

Mr. Kessler:

I'd like to add my comment that the students are so friendly.

Ms. Casto:

They are wonderful! This morning we heard from Dr. L. H. Newcome, Associate Dean and Director of Academic Affairs in the College of Agriculture. He presented a panel of undergraduate students who discussed teaching, advising, leadership, development, and activities in the College.

The students discussed their high regard for the quality of teaching in the College of Agriculture. They were also very complimentary to the faculty advisement and placement assistance which they received. Special mention was made of the leadership development activities and opportunities to learn beyond the campus. These students can best be described as satisfied customers. It is apparent that they are going to be outstanding alumni to The Ohio State University.

As I sat there, we went around the room and everybody had all these wonderful things to say about Ohio State and I thought it can't all be that perfect. When they were done, they had a couple of things that they wanted to talk about. They were very open and frank and they made the same points that you have been touching on, Dr. Gee, about our teaching and things like that. I was very proud of them. I thought it was fabulous. I thank you, and we are very glad to be here.

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**STUDENT AFFAIRS COMMITTEE REPORT**

Mrs. Bowser:

I would like to make a comment about Sophia Paige who has served two years as a Student Trustee. She is getting a much needed, and I'm sure a much desired, one week off in her medical studies, so she is not with us today. But, I want to tell you what a pleasure it has been to serve with the students on this Board. They are truly outstanding young people who have added a lot to our discussions and to the depth of our knowledge about this place. I particularly want to pay special tribute to Sophia.

**STUDENT AFFAIRS COMMITTEE REPORT (contd)**

Mr. Shumate:

This morning the Student Affairs Committee received a report on Asian American students from the Director of the Asian American Student Services Office, Sheila Kapur. Asian American students represent approximately 3 percent of the students on the Columbus campus of The Ohio State University. We want to emphasize the fact that we are talking about American students of Asian descent who are either permanent residents or U.S. citizens, as opposed to Asian international students.

The Office provides basic support services and represents the interests of the Asian American student on various University forums and advocates sensitivity in response to these students' needs by all faculty, staff, and administrative units. This week marks the beginning of Asian Awareness Week on campus. In addition, it is very pleasurable to report that the new president of the Undergraduate Student Government, Christine Chen, is an Asian American student. We look forward to working with her in our Student Affairs Committee.

Next, we heard reports from the student government leaders.

Mr. Mark Slivka:

I would just like to update you on a couple of the proposals that I have been working on. First, in January the IPC reviewed student living expense budgets here at Ohio State and compared them to five other schools here in Ohio. We found a discrepancy in the budgeting of almost \$3,500.00. A major discrepancy was in rent. Students throughout Ohio were receiving over \$2,000.00 more than Ohio State students. Recently, I received a letter from Mary Haldane, Director of Student Financial Aid and her proposal is that we put together a task force including graduate and professional students, Student Affairs Administrators from the professional and graduate schools, and members of her staff. There is a regular meeting this afternoon, so I will let you know how that goes.

The second proposal was to the Athletic Council regarding the current football policy. We recently polled over 1,000 professional students and 33 percent of them said that the reputation of intercollegiate athletics at Ohio State was actually a factor in their decision to come here to professional school. Ninety percent of them felt that they were being discriminated against by the current ticket policy. I presented this to the Athletic Council last month and the proposals we made were on the same lines as other Big 10 schools. They have since said that it is going to be presented again at the next regular meeting of their Executive committee which is May 16.

The third item is IPC's office. The office is located in Neil Hall, which is undergoing renovation, so we have lost our office. We have been working very hard over the past few months to locate new space which is very difficult at Ohio State. We haven't found anything at this point.

The fourth matter is that with the help of Herb Asher, we are trying to petition the professional students to write their Legislators to support higher education. This will probably be completed this week.

Mr. Shumate:

O.K., any questions for Mark? Where do students contact you if you don't have your own office?

**STUDENT AFFAIRS COMMITTEE REPORT (contd)**

Mr. Slivka:

I have given Commuter Services and the phone people my home phone number so that it will be printed up in next year's telephone directory.

Dr. Spillman:

Campus Planning has been looking for an office for them, but have not found one yet. You will be in your current office until the end of this academic year, and then you will have to find another location. Campus Planning is looking.

Mr. Shumate:

O.K. Are there any other questions? I'd like to call on Benneta.

Ms. Benneta Burton:

Good morning. First let me say a little about the presentation that was just made. It makes me sad to see that Asian Americans are experiencing discrimination. A lot can be done at this University to work toward tolerance of others and I think that needs to be a continuing agenda item.

I would like to share with you some of the things that have taken place with the Council. We had our 5th Graduate Research Forum April 20, and it was a success. There were 57 graduate students and 47 faculty that participated. We had 9 faculty that came from outside of the University that served on the presentation judges panel. The Council was proud of this event because it is a way for graduate students to showcase their research, and the graduate students that did win, received cash awards. We are grateful to the Graduate School, the Office of Research, and Proctor and Gamble for contributing toward the luncheon and the success of this event.

The second Child Care Fair was held April 9. Valerie Whitton of the OSU Child Care Center came and spoke about child care issues. The attendance increased, but the numbers were still low. Perhaps you remember there was a tornado watch that day and thunder and lightening, so we think that was why attendance was low. We still don't have any indication of what the need for child care is, so we are going to have to work on that and see what we can do about it. We do intend to formalize the information that we have collected and make it available at our orientations.

The last thing that I would like to speak to you about is the possibility of reductions in graduate assistantships or in the number of new assistantships being offered. We know that there has to be some budget cuts, but we want those decisions to be made wisely and given time and consideration. We don't want those people within their programs to be stranded, nor do we want someone that packs up and leaves a good job to come to this University not having an income. So we want to encourage thoughtfulness with the budget decisions that have to be made.

Mr. Shumate:

We guarantee you that we will be thoughtful. Any questions? Thank you, very much. We would appreciate your efforts and the student government organizations efforts in assisting with OSU campus environment and tolerance for all of our students.

May 3, 1991 meeting, Board of Trustees

### STUDENT AFFAIRS COMMITTEE REPORT (contd)

Ms. Burton:

Thank you.

Mr. Shumate:

Mr. Clark --

Mr. Mike Clark:

Good afternoon. Sheila Kapur was a little early announcing it, but the official announcement now is that Christine Chen is the new Undergraduate Student Government President and Matt Markling is the new Vice President. They will be taking office on May 16 and they are very qualified and will do a good job. Hopefully they can continue a few things that Jamie and myself worked on this year.

This is our last meeting and I'd like to say thank you, very much. It has been a great year and I have learned a lot. I will graduate with a B.S. in engineering from this school, but also I will be able to go away with a lot of leadership experience and memories of great times at this school. Dr. Spillman has helped me very much, and Dr. Asher, who is our advisor, Dean Hollingsworth, and, of course, yourselves, in attending several of the meetings that we have had with other student organizations. It is great to see the interest and we really appreciate it.

Mr. Jamie Day:

I'd like to say in my first couple of years here I felt like a number and didn't realize how much the faculty and administration really cares about the students. I have been very impressed this year through the role I have played as USG Vice President, and how many doors you can open if you really try and you know who to talk to. The faculty and administration, as well as the Board, have been very receptive and we appreciate that. I want to thank everybody for their time. It has been great.

Mr. Clark:

To update you on the new Student Trustee -- we still don't know anything because every time we call down to the Governor's Office they really don't know themselves.

Mr. Tonnies:

I was told they were interviewing this week.

Mr. Clark:

I was told they were interviewing Wednesday and Thursday, but unfortunately I talked with the students who were to be interviewed and they didn't get in this week. Are there any questions?

Mr. Shumate:

I was reading in the Lantern that a recount is going on in the USG elections.

**STUDENT AFFAIRS COMMITTEE REPORT (contd)**

Mr. Clark:

There was a recount and that is why I just announced that it was official. It did not change.

Dr. Spillman:

I might mention that when there is a recount, the student government does not do the recount. It is done in University Systems. Sometimes when there is a delay, the student government is blamed, but it is not them. It was a very close election.

Mr. Tonnies:

I'd also like to thank Mike and Jamie for all their efforts over the past year. USG, as well as the University, has benefitted greatly from their work and they will be sorely missed.

Mr. Shumate:

Madam Chair, I would like to present a resolution to record the Expression of Appreciation that we have for the leadership of Mike Clark this past year.

**EXPRESSION OF APPRECIATION TO MICHAEL CLARK**

Resolution No. 91-121

WHEREAS Michael Clark has served as President of the Undergraduate Student Government during the past year; and

WHEREAS he has carried out his assignments in a truly outstanding manner; and

WHEREAS Michael has worked diligently in order to bring matters and concerns of special interest to undergraduate students to the attention of this Board; and

WHEREAS his resolve, dedication, and support of this University has been evidenced in innumerable ways over the past year:

NOW THEREFORE

BE IT RESOLVED, That this Board expresses to Michael Clark their thanks and appreciation for his dedicated leadership and service to The Ohio State University, and wishes him happiness, good health, and success in the future.

Upon motion of Mr. Shumate, seconded by Mr. Celeste, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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## INVESTMENTS COMMITTEE MEETING

Mr. Teaford:

The Investments Committee met this morning. The Endowment Fund has increased since the beginning of the year from \$321 million to \$360 million. That includes principal additions of \$18.5 million, which continues to be at a record pace and market additions of \$21 million. Almost all of our advisors are, indeed, beating their respective indices.

We also received the quarterly report on the total funds of the University. Those are currently at, or they were at the end of the quarter, \$686 million, up from \$633 million the previous quarter. There are really no anomalies in those numbers. There were seasonal changes that we normally expect and the major part of that increase was due to the increase in the Endowment Fund.

We also had a report from Dr. Glower with regard to Development. So far this year we have raised \$37.8 million, as opposed to \$29.5 million last year at this time. Alumni giving is up 63 percent. There are 34,335 alumni givers, that number is up 13 percent. Overall the University so far this year has 54,725 donors, up 12 percent. An interesting fact, \$12.6 million has been given by alumni to date, \$8.6 million has been given by 82 people and the rest by the other 34,000 alumni. In the \$37.8 million, only \$8 million of that is in pledges left over from the big campaign. The fact is that we are clearly increasing support to the endowment from gifts without regard to the fact that the campaign has gone on. This is an extraordinary achievement, I think, because generally there is a let down after big campaigns, and, indeed, we are not having that. A prediction was made that we may have the best year ever, in terms of total contributions to the endowment, perhaps as much as \$50 million. That completes my report, Madam Chair.

(See Appendix LXXI for complete context of The Ohio State University Endowment Summary, April 19, 1991, page 1133.)

(See Appendix LXXII for chart on The Ohio State University Quarterly Cash and Investments, page 1161.)

(See Appendix LXXIII for chart on The Ohio State University Foundation and Development Fund Receipts, page 1163.)

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## FISCAL AFFAIRS COMMITTEE REPORT

Amb. Wolf:

The first item on our agenda is a Third Quarter Budget Report from Mr. Shkurti.

Mr. Shkurti:

You may recall at the February meeting when I presented the second quarter report, I indicated that I would put most of the changes in the mid-year review and therefore the first and third quarter report would not have any dramatic changes. That is true in this case. There is one change I would like to point out. The University is now carrying the Transportation Research Center in East Liberty, Ohio, on the University's books as part of our consolidated financial statement. We are doing that because our accountants have told us, and I think that they are correct,

**FISCAL AFFAIRS COMMITTEE REPORT (contd)**

Mr. Shkurti: (contd)

that generally accepted accounting principles are now pointing towards being inclusive about including affiliated organizations. That will increase the size of our books by about \$11 million. The Transportation Research Center is in good shape financially, so our income will go up by \$11 million, but our expense will also go up by \$11 million. So there is no material change in the University's books.

The other thing that I would like to mention is that the budget for this year is still in good shape, but what we are worried about is the level of State support for next year. As President Gee mentioned, he and other friends of the University are working very hard to get State support up to the level that we think is necessary. We are hoping for the best, but we have to prepare for the worst. All the Deans and Vice Presidents have been sent a memorandum from Dr. Hutchinson and myself, and told to identify for us, as part of the budget process, their core programs that they want to protect, and also what they would do in cuts of 7 percent, 5 percent, and 3 percent. We will be accessing those over the next month or two. What this means is the budget for the University for the next fiscal year, which begins on July 1, which is normally heard by the Board at its June meeting, will probably be a little later than that this time around because of the uncertainty. But we are monitoring the process closely and working hard with our friends in the Legislature to get the level of support we feel we need. Madam Chair, that concludes my report.

(See Appendix LXXIV for charts on The Ohio State University 1990-91 Current Funds Budget, 3rd Quarter Report, page 1165.)

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Amb. Wolf:

The Fiscal Affairs Committee is also recommending the following resolutions:

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS**

Resolution No. 91-122

Synopsis: The reports on contracts, grants, and gifts and the summary for March 1991 are presented for Board acceptance.

WHEREAS monies are solicited and received on behalf of the University from governmental, industrial, other agencies, alumni, and various individuals in support of research, instructional activities, and service; and

WHEREAS such gifts and grants are received through The Ohio State University Research Foundation, the Engineering Experiment Station of The Ohio State University, The Ohio State University Development Fund, and The Ohio State University Foundation:

NOW THEREFORE

May 3, 1991 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

BE IT RESOLVED, That the research agreement between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the reports from the Engineering Experiment Station, The Ohio State University Development Fund, and The Ohio State University Foundation during the month of March 1991 be approved.

Upon motion of Amb. Wolf, seconded by Mr. Teaford, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

Background

MARCH 1991

<u>Source</u>	<u>7/1/89-3/31/90</u>	<u>7/1/90-3/31/91</u>	<u>March 1991</u>
The Ohio State University Research Foundation	\$88,233,932.99	\$91,315,218.03	\$ 6,974,457.00
Engineering Experiment Station	\$ 4,846,869.00	\$ 5,434,306.00	\$ 679,676.00
OSU Foundation and Development Fund	\$29,551,354.00	\$37,818,034.00	\$ 3,517,652.00

The Ohio State University Development Fund

Establishment of Named Funds

The Roald F. and Della J. Campbell Memorial Scholarship Fund in Educational Administration (Scholarships - educational administration)			\$ 101,011.24
The William Baldenhofer Mechanical Engineering Scholarship Fund (Scholarships - Mechanical Engineering)			\$ 50,000.00
The Chemical Engineering Class of 1941 Fund (Scholarships - Chemical Engineering)			\$ 20,000.00
The 4-H Camp Ohio Endowment Fund (Enhance resources and camping program)			\$ 15,000.00
The Guemsey County 4-H Oscar Share Endowment Fund (Support and enhance 4-H program)			\$ 15,000.00

The Ohio State University Foundation

Approval of Description and Establishment of Fund

The GAR Foundation Urban Youth Endowment Fund

May 3, 1991 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Report - March 1991

#### Federal Research Contracts/Grants

\$315,845.00 - Department of Education, Office of Educational Research and Improvements, Washington, D.C., Operation of an Educational Resources Information Center (ERIC) Clearinghouse on Science, Mathematics, and Education, Department of Educational Studies: Humanities, Science, Technological, and Vocational (P. E. Blosser), 1 January 1991 through 31 January 1992. (Project 766518 - Continuation)

\$268,562.00 - Department of Health and Human Services, National Heart, Lung, and Blood Institute, Bethesda, Maryland, Pathobiological Determinants of Atherosclerosis in Youth, Department of Surgery (J. F. Cornhill), 1 March 1991 through 29 February 1992. (Project 764727 - Continuation)

\$245,071.00 - Department of Labor, Bureau of Labor Statistics, Washington, D.C., National Longitudinal Surveys of Labor Market Experience, Round XII, Center for Human Resource Research (R. J. Olsen), 1 October 1990 through 30 June 1992. (Project 766448 - Continuation)

\$240,436.00 - Department of Agriculture, Science and Education, Washington, D.C., The Organization and Performance of World Food Systems, Department of Agricultural Economics and Rural Sociology - OARDC and Department of Agricultural Economics and Rural Sociology (D. R. Henderson), 1 January 1989 through 31 December 1992. (Project 767311 - Continuation)

\$236,216.00 - Department of Health and Human Services, National Institute of General Medical Sciences, Bethesda, Maryland, The Molecular Biology of Microtubule-Interacting Proteins, Department of Molecular Genetics and Biotechnology Program (B. R. Oakley), 1 April 1991 through 31 March 1992. (Project 763502 - Continuation)

\$195,028.00 - Department of Health and Human Services, National Cancer Institute, Bethesda, Maryland, Role of Gangliosides in the Pathogenesis of Gliomas, Department of Pathology (A. J. Yates), 1 April 1991 through 31 March 1992. (Project 767412 - Continuation)

\$187,022.00 - Department of Health and Human Services, National Heart, Lung, and Blood Institute, Bethesda, Maryland, Platelet Fc Receptor in HIV Thrombocytopenia, Department of Internal Medicine (C. L. Anderson), 10 March 1991 through 31 December 1991. (Project 768935 - New)

\$179,999.00 - National Science Foundation, Washington, D.C., Numerical Competence in the Chimpanzee (*Pan troglodytes*), Department of Psychology (S. T. Boysen and G. G. Berntson), 1 January 1991 through 28 February 1993. (Project 768842 - New)

\$175,287.00 - Department of Education, Office of Special Education and Rehabilitation Services, Washington, D.C., Early Integration Training Project: Providing Training to Child Care Staff to Promote the Integration of Young Children with Disabilities, Education Administration and Department of Educational Services and Research (L. Magliocca), 1 September 1991 through 31 August 1992. (Project 767808 - Continuation)

\$174,878.00 - Department of Health and Human Services, National Institute of Neurological Disorders and Stroke, Bethesda, Maryland, The Neural Control of Temperature Regulation, Department of Physiology (J. A. Boulant), 1 March 1991 through 29 February 1992. (Project 768894 - New)

May 3, 1991 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

#### Federal Research Contracts/Grants (contd)

\$158,500.00 - Department of Health and Human Services, National Institute of Neurological Disorders and Stroke, Bethesda, Maryland, Pathway Formation in the Developing Spinal Cord, Oral Biology (R. H. Nordlander), 1 April 1991 through 31 March 1992. (Project 767816 - Continuation)

\$143,717.00 - Department of Health and Human Services, National Institute of Neurological Disorders and Stroke, Bethesda, Maryland, Oral Tolerance in Allergic Encephalomyelitis, Department of Microbiology and Immunology (C. C. Whitacre), 1 April 1991 through 31 March 1992. (Project 765266 - Continuation)

\$137,595.00 - National Science Foundation, Washington, D.C., Maintenance of the Bacillus Genetic Stock Center, Department of Biochemistry (D. H. Dean), 1 March 1991 through 29 February 1992. (Project 767330 - Continuation)

\$136,000.00 - National Science Foundation, Washington, D.C., FT/ICR/MS: Technique Development and Non-Biological Applications, Department of Chemistry, Department of Biochemistry, and Chemical Instrumentation Center (A. G. Marshall), 15 April 1991 through 31 March 1992. (Project 768924 - New)

\$127,406.00 - Department of Health and Human Services, National Institute on Deafness and Other Communication Disorders, Bethesda, Maryland, Basic and Applied Studies of Tactile Perception, Division of Speech and Hearing Science (J. M. Weisenberger), 1 February 1991 through 31 August 1991. (Project 768889 - New)

\$124,985.00 - Department of Health and Human Services, National Institute on Drug Abuse, Bethesda, Maryland, Cocaine-Induced Ventricular Fibrillation, Department of Physiology (G. E. Billman), 1 April 1991 through 31 March 1992. (Project 768194 - Continuation)

\$115,249.00 - Department of Health and Human Services, National Institute of Mental Health, Rockville, Maryland, Sensory Gating and Animal Models in Schizophrenia, Department of Psychiatry (S. B. Schwarzkopf), 1 April 1991 through 31 March 1992. (Project 768187 - Continuation)

\$110,000.00 - National Science Foundation, Washington, D.C., Biochemistry and Molecular Biology of Polymeric Defense Barriers in Plants, Biotechnology Program (P. E. Kolattukudy), 1 March 1991 through 29 February 1992. (Project 767325 - Continuation)

\$99,646.00 - Department of Health and Human Services, National Heart, Lung, and Blood Institute, Bethesda, Maryland, Neural Control of the Circulation in Pregnancy, Department of Physiology (C. M. Heesch), 1 March 1991 through 1 January 1992. (Project 768903 - New)

\$96,000.00 - National Science Foundation, Washington, D.C., Structure and Dynamic Behavior of Selected Organolithium Compounds, Department of Chemistry (G. A. Fraenkel), 1 January 1991 through 31 December 1991. (Project 767225 - Continuation)

\$91,869.00 - Department of Health and Human Services, National Institute of Mental Health, Rockville, Maryland, Determinants and Correlates of Maternal Depression, Department of Family Relations and Human Development (E. I. Hock), 1 April 1991 through 31 March 1992. (Project 768189 - Continuation)

May 3, 1991 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$90,427.00 - Department of Health and Human Services, National Institute of Child Health and Human Development, Bethesda, Maryland, Sertoli Cell-Germ Cell Surface Membrane Interactions, Department of Cellular Biology, Neurobiology, and Anatomy (R. M. DePhilip), 1 March 1991 through 29 February 1992. (Project 764825 - Continuation)

\$90,000.00 - National Science Foundation, Washington, D.C., Structural Requirements for Protein Membrane Assembly, Department of Chemistry (R. E. Dalbey), 1 April 1991 through 31 March 1992. (Project 768936 - New)

\$90,000.00 - National Science Foundation, Washington, D.C., Effects of Ethylene on Nodule Development and Cloning of the Rhizobitoxine Genes, Biotechnology Program and Department of Agronomy (N. K. Peters), 1 March 1991 through 29 February 1992. (Project 767324 - Continuation)

\$84,900.00 - National Science Foundation, Washington, D.C., Energy and Structure of Interphase Interfaces, Department of Materials Science and Engineering (P. G. Shewmon and S. Dregia), 1 May 1991 through 30 April 1992. (Project 768257 - Continuation)

\$82,500.00 - International Development Cooperation Agency, Agency for International Development, New York, New York, The Application of a Geographic Information System (GIS) Approach to Program Impact Evaluation in Zaire, Department of Geodetic Science and Surveying (G. Barnes), 1 February 1991 through 30 September 1991. (Project 768902 - New)

\$82,126.00 - Department of Health and Human Services, National Institute of General Medical Sciences, Bethesda, Maryland, The Chemistry of Biologically Relevant Quinone Imines, Department of Chemistry (J. S. Swenton), 1 April 1991 through 31 March 1992. (Project 765570 - Continuation)

\$79,865.00 - National Science Foundation, Washington, D.C., Anodic Oxidations and Their Applications to Organic Synthesis, Department of Chemistry (J. S. Swenton), 1 March 1991 through 29 February 1992. (Project 768927 - New)

\$75,000.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, A Study of Unsteady Pressures on Oscillating Airfoil in Cascade, Department of Aeronautical and Astronautical Engineering (J. D. Lee and G. M. Gregorek), 14 January 1991 through 13 January 1992. (Project 768909 - New)

\$75,000.00 - National Science Foundation, Washington, D.C., Low Temperature Electronic Properties of Conducting Solids, Department of Physics (J. C. Garland), 1 March 1991 through 29 February 1992. (Project 767331 - Continuation)

\$74,345.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Automated Handling and Assembling of Non-Rigid Objects, Department of Electrical Engineering (Y.- F. Zheng), 15 January 1990 through 14 January 1992. (Project 768118 - Continuation)

\$74,150.00 - Department of the Army, Army Research Office, Research Triangle Park, North Carolina, Uncompensated Garnets: A Magnetic Semiconductor, Department of Physics (P. E. Wigen), 1 March 1991 through 30 September 1991. (Project 768919 - New)

May 3, 1991 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

#### Federal Research Contracts/Grants (contd)

\$63,159.00 - Department of Health and Human Services, National Institute of Mental Health, Rockville, Maryland, Cognitive Effects of Benzodiazepines: Neuronal Substrates, Department of Psychology (M. Sarter), 1 April 1991 through 31 March 1992. (Project 768910 - New)

\$60,135.00 - National Science Foundation, Washington, D.C., Presidential Young Investigator Award, Department of Civil Engineering (M. R. McCord), 1 January 1991 through 31 December 1991. (Project 766242 - Continuation)

\$60,000.00 - Department of Energy, Argonne, Illinois, Theoretical Studies of Dynamics and Correlations in Heavy Electron Materials, Department of Physics (D. L. Cox), 15 February 1991 through 15 February 1992. (Project 766287 - Continuation)

\$60,000.00 - National Science Foundation, Washington, D.C., Investigation of Comagmatic Complexes Using Isotope Systematics: Silica Oversaturated and Undersaturated Associations, Department of Geological Sciences (K. A. Foland), 1 March 1991 through 29 February 1992. (Project 768912 - New)

\$56,000.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, High-Level Connectionist Models, Department of Computer and Information Science (J. B. Pollack), 1 January 1990 through 30 September 1991. (Project 767172 - Continuation)

\$52,044.00 - Department of Health and Human Services, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Regulation of Metamorphosis Behavior in the Tsetse Fly, Department of Entomology (D. L. Denlinger), 1 June 1991 through 31 May 1992. (Project 767561 - Continuation)

\$51,759.00 - National Aeronautics and Space Administration, Johnson Space Center, Houston, Texas, Guidelines for Human Interface with Artificial Intelligence, Department of Industrial and Systems Engineering (D. D. Woods), 1 March 1991 through 28 February 1992. (Project 768208 - Continuation)

\$50,000.00 - Department of Agriculture, Science and Education, Washington, D.C., Dispersal of Two Fungal Pathogens of Strawberry by Rain Splash, Department of Plant Pathology - OARDC (L. V. Madden and M. A. Ellis), 1 July 1991 through 30 June 1992. (Project 768911 - Continuation)

\$50,000.00 - Department of Agriculture, Science and Education, Washington, D.C., Role of Carbon and Nitrogen Partitioning in Tolerance to Moisture Stress in Soybean, Department of Agronomy - OARDC (B. A. McBlain and D. L. Jeffers), 1 September 1991 through 31 August 1992. (Project 768937 - Continuation)

\$47,250.00 - National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland, Robust Estimation of Regional Deformations and Relative Plate Motions from Robust Estimation, Department of Geodetic Science and Surveying (I. I. Mueller), 1 January 1991 through 31 December 1991. (Project 761054 - Continuation)

\$41,048.00 - Department of the Air Force, Air Force Systems Command, Kirtland Air Force Base, New Mexico, Assignment Agreement, Department of Aeronautical and Astronautical Engineering (P. J. Turchi), 1 January 1991 through 30 September 1991. (Project 768407 - Continuation)

May 3, 1991 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$36,000.00 - Department of the Air Force, Air Force Systems Command, Bolling Air Force Base, D.C., Relegation for Decentralized Control, Department of Electrical Engineering (U. Ozguner), 1 March 1991 through 31 May 1991. (Project 767334 - Continuation)

\$35,000.00 - National Science Foundation, Washington, D.C., Yield Surfaces of Particle-Reinforced Composite Materials, Department of Engineering Mechanics (N. Katsube), 15 December 1990 through 30 November 1991. (Project 768905 - New)

\$29,450.00 - Department of Agriculture, Science and Education, Philadelphia, Pennsylvania, Improvement and Evaluation of Pears and Small Fruits, Department of Horticulture - OARDC (J. C. Scheerens), 1 October 1990 through 30 September 1992. (Project 768883 - New)

\$28,200.00 - National Science Foundation, Washington, D.C., Exploratory Research for U.S.-U.S.S.R. Cooperation in Ice Core Research in the Tien-Shan and Pamir Ranges, Byrd Polar Research Center (L. G. Thompson and E. Mosley-Thompson), 15 August 1990 through 31 January 1992. (Project 768584 - Continuation)

\$26,235.00 - Department of Agriculture, Science and Education, Peoria, Illinois, Cooperative Agricultural Research, Department of Plant Pathology - OARDC (R. C. Rowe) and Office of the Director - OARDC (R. F. Edwards), 1 October 1990 through 30 September 1991. (Project 766472 - Continuation)

\$17,300.00 - Department of Agriculture, Science and Education, Peoria, Illinois, Effect of Management Practices on Quality of Groundwater and Surface Runoff in North Appalachia, Department of Agronomy - OARDC (A. L. Barta and W. A. Dick), Department of Entomology - OARDC (B. R. Stinner and R. B. Hammond), Department of Agronomy (R. Lal), Department of Plant Pathology - OARDC (P. E. Lipps), and Department of Agricultural Engineering (R. K. Wood), 23 April 1990 through 31 December 1992. (Project 768229 - Continuation)

\$12,621.00 - Department of Health and Human Services, National Institute of Dental Research, Bethesda, Maryland, First International Conference on Smokeless Tobacco and Health, Oral Biology (K. L. Schroeder), 1 April 1991 through 31 March 1992. (Project 768931 - New)

\$8,000.00 - National Science Foundation, Washington, D.C., Studies Involving Molecules and Intermediates of Theoretical Interest, Department of Chemistry (L. A. Paquette), 7 February 1991 through 31 August 1991. (Project 766349 - Continuation)

\$7,350.00 - National Foundation on the Arts and Humanities, National Endowment for the Arts, Washington, D.C., Assistance to Literary Magazines, Department of English (K. M. Fagan), 1 May 1991 through 30 September 1992. (Project 768928 - New)

\$5,040.00 - Nuclear Regulatory Commission, McLean, Virginia, Aging Modeling, Maintenance, and Core Melt Frequency, Department of Mechanical Engineering (T. Aldemir), 1 January 1991 through 31 March 1991. (Project 768907 - New)

\$5,000.00 - National Science Foundation, Washington, D.C., Large Scale Distributed Modeling and Parameter Estimation of Power Transformers, Department of Electrical Engineering (A. Keyhani), 6 March 1991 through 31 August 1992. (Project 768573 - Continuation)

May 3, 1991 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

#### Federal Research Contracts/Grants (contd)

\$3,000.00 - Department of Agriculture, Forest Service, Warren, Pennsylvania, Warm Water Monitoring Plan for the Allegheny National Forest, School of Natural Resources (R. W. Douglass), 1 October 1990 through 30 September 1991. (Project 768876 - New)

TOTAL - FEDERAL AWARDS \$5,262,215.00

#### State of Ohio Research Contracts/Grants

\$40,000.00 - State of Ohio, Department of Natural Resources, Columbus, Ohio, Treatment of Acid Mine Drainage at Lick Run Demonstration Wetland, School of Natural Resources and Department of Natural Resources - OARDC (W. J. Mitsch), 1 October 1990 through 30 September 1992. (Project 768628 - New)

\$30,000.00 - State of Ohio, Environmental Protection Agency, Columbus, Ohio, Ohio Buried Valley Aquifer Management System Evaluation Area, Department of Agricultural Engineering - OARDC and Department of Agricultural Engineering (A. D. Ward) and Ohio Cooperative Extension Service - County Operations (L. C. Brown), 1 July 1990 through 30 June 1991. (Project 768891 - New)

\$22,500.00 - State of Ohio, Environmental Protection Agency, Columbus, Ohio, Water Quality Specialist: Ohio Cooperative Extension Service, Department of Agronomy - OARDC and Department of Agronomy (M. M. Loux) and Department of Agronomy (J. W. Johnson), 1 July 1990 through 30 June 1991. (Project 768872 - New)

\$15,000.00 - State of Ohio, Environmental Protection Agency, Columbus, Ohio, Tracking Changes in Non-Point Source Phosphorus Loads with Fertility Management, Department of Agronomy - OARDC and Department of Agronomy (T. J. Logan), 1 July 1990 through 30 June 1991. (Project 768536 - New)

\$10,000.00 - State of Ohio, Department of Development, Columbus, Ohio, Support for the Ohio Technology Transfer Organization (OTTO), Engineering Experiment Station and Department of Mechanical Engineering (R. E. Bailey), 1 July 1990 through 30 June 1991. (Project 768564 - Continuation)

TOTAL - STATE OF OHIO AWARDS \$ 117,500.00

#### Industrial Research Contracts/Grants

\$200,000.00 - Mission Research Corporation, Santa Barbara, California, Advanced Radar Cross Section Measurement Range, ElectroScience Laboratory, Department of Electrical Engineering (W. D. Burnside), 2 September 1990 through 1 September 1991. (Project 766973 - Continuation)

\$149,494.00 - Calcitek, Inc., Carlsbad, California, Prospective Clinical Evaluation of the Integral Implant System, Restorative and Prosthetic Dentistry (E. McGlumphy) and Oral and Maxillofacial Surgery (P. E. Larsen and L. J. Peterson), 1 January 1991 through 31 December 1991. (Project 768815 - New)

\$92,821.00 - Martin Marietta Corporation, Oak Ridge, Tennessee, Pack Cementation Coating of Iron-Base Alloys, Department of Materials Science and Engineering (R. A. Rapp), 1 April 1991 through 31 January 1992. (Project 766509 - Continuation)

May 3, 1991 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial Research Contracts/Grants (contd)

\$87,000.00 - Lilly Research Laboratories, Greenfield, Indiana, Evaluation of Tilmicosin for the Treatment and/or Control of Subclinical Mastitis in Nonlactating Dairy Cows, Department of Dairy Science - OARDC (K. L. Smith), 1 October 1990 through 31 December 1991. (Project 768916 - New)

\$75,552.00 - Smith, Kline & French Laboratories, King of Prussia, Pennsylvania, A Double-Blind, Positive-Controlled Cross-Over Assessment of Renal Responses to Intravenous Infusion of 'Corlopam' Compared to Sodium Nitroprusside at Doses That Increase Cardiac Output in Patients with Congestive Heart Failure, Department of Internal Medicine (R. J. Cody), 1 July 1990 through 30 June 1991. (Project 768384 - Continuation)

\$48,919.00 - Norwich Eaton Pharmaceuticals, Inc., Norwich, New York, An Open-Label, Multicenter Study to Determine the Effects of Intermittent Cyclic Dosing of Didronel on Bone Loss in Postmenopausal Osteoporotic Women, Department of Internal Medicine (R. D. Jackson), 1 January 1990 through 30 April 1992. (Project 768696 - Continuation)

\$47,906.00 - Pfizer, Inc., Groton, Connecticut, Efficacy of Intravenous CP-95,253 in Type II (Non-Insulin Dependent) Diabetic Patients Who Are Not Optimally Controllable on Sulfonylureas, Department of Internal Medicine (T. M. O'Dorisio and K. Osei), 1 November 1990 through 31 October 1991. (Project 768724 - Continuation)

\$42,000.00 - Scantech Corporation, Columbus, Ohio, A Software System for Control Communication and Processing of a Scanning Digital X-Ray Imager, College of Pharmacy (J. Jagadeesh), 1 February 1991 through 31 August 1991. (Project 768899 - New)

\$34,000.00 - Syntex Laboratories, Inc., Palo Alto, California, Assessment of the Effects of Nifedipine on Endothelin-Induced Hypertension in Rats, Department of Internal Medicine (R. J. Cody), 2 January 1991 through 30 June 1991. (Project 768926 - New)

\$25,071.00 - Ross Laboratories, Columbus, Ohio, Effect of Selenium Fortification on the Selenium Status of Healthy, Term Infants, Department of Human Nutrition and Food Management (A. M. Smith), 1 March 1991 through 29 February 1992. (Project 768921 - New)

\$24,931.00 - Space Systems/Loral, Inc., Palo Alto, California, Adaptive Nulling Algorithms, ElectroScience Laboratory, Department of Electrical Engineering (R. T. Compton, Jr.), 19 November 1990 through 31 March 1991. (Project 768929 - New)

\$23,957.00 - American Dental Laser, Fremont, California, The Effects of a Pulsed Neodymium:YAG Laser on the Subgingival Microflora and Periodontal Diseased Tissues, Periodontology (J. E. Horton), 19 March 1991 through 18 March 1992. (Project 768939 - New)

\$22,500.00 - Sankyo U.S.A. Corporation, New York, New York, Ascending Multiple Oral Dose Clinical Study of CS-622, Department of Family Medicine (R. M. Guthrie), 1 March 1991 through 29 February 1992. (Project 768897 - New)

\$8,750.00 - Pfizer, Inc., Groton, Connecticut, Multicenter Comparison of Fluconazole and Amphotericin B as Treatment for Acute Cryptococcal Meningitis, Department of Internal Medicine (S. L. Koletar), 1 December 1988 through 30 November 1990. (Project 767358 - Continuation)

May 3, 1991 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Industrial Research Contracts/Grants (contd)**

\$8,000.00 - Pfizer, Inc., New York, New York, A Multicenter Trial to Evaluate Efficacy and Lipid Effects of Doxazosin as Initial Therapy in Mild to Moderate Essential Hypertension, Department of Family Medicine (R. M. Guthrie), 1 January 1991 through 31 December 1991. (Project 768896 - New)

\$7,940.00 - Medical and Technical Research Associates, Inc., Needham, Massachusetts, A Comparison of Ranitidine 150 mg. B.I.D. and Placebo in the Maintenance of Healed Erosive Esophagitis, Department of Internal Medicine (F. B. Thomas), 1 November 1990 through 1 May 1991. (Project 768898 - New)

\$7,350.00 - GTE Products Corporation, Danvers, Massachusetts, Influence of Photoperiod Extension on Growth and Preharvest Drop of Apples, Department of Horticulture - OARDC (D. C. Ferree), 1 January 1991 through 31 December 1991. (Project 768748 - Continuation)

\$6,000.00 - Selenium-Tellurium Development Association, Inc., Darien, Connecticut, Interactions Between Dietary Selenium and Vitamin E in Dairy Cattle, Department of Dairy Science - OARDC (W. P. Weiss), 2 January 1991 through 31 December 1991. (Project 768914 - New)

\$3,240.00 - Brigham and Women's Hospital, Boston, Massachusetts, The Comprehensive Management of Unstable Angina and Non-Q-Wave Myocardial Infarction: The Roles of t-PA and Revascularization, Department of Internal Medicine (R. D. Magorien), 1 August 1990 through 31 July 1991. (Project 768603 - Continuation)

TOTAL - INDUSTRIAL AWARDS \$ 915,431.00

**Other Non-Federal Research Contracts/grants**

\$112,036.00 - Smokeless Tobacco Research Council, Inc., New York, New York, Effect of Smokeless Tobacco on Root Caries in Humans and Animals, Oral Biology (S. Rosen) and Endodontics (K. L. Schroeder), 1 July 1991 through 30 June 1992. (Project 767426 - Continuation)

\$107,000.00 - Columbus Metropolitan Housing Authority, Columbus, Ohio, Ohio Cooperative Extension Service Family Life Skills Education Program, Ohio Cooperative Extension Service - County Operations (J. LaMuth), 1 February 1991 through 31 January 1993. (Project 768859 - New)

\$55,000.00 - National Coastal Resources Research and Development Institute, Newport, Oregon, The Retention and Expansion of Coastal Tourism, Department of Agricultural Economics and Rural Sociology - OARDC and Department of Agricultural Economics and Rural Sociology (L. J. Hushak), 14 February 1991 through 31 December 1991. (Project 768895 - New)

\$53,507.00 - Fats and Proteins Research Foundation, Inc., Fort Myers Beach, Florida, Replacing Fish Meal Protein in Salmonid Fish Diets, School of Natural Resources (K. Dabrowski and C. F. Cole), 1 April 1991 through 31 March 1993. (Project 768901 - New)

\$50,000.00 - The Nature Conservancy (Ohio Chapter), Columbus, Ohio, Big Darby Project -- Honda Grant, Department of City and Regional Planning (S. I. Gordon) and Department of Landscape Architecture (J. W. Simpson), 1 January 1991 through 31 December 1991. (Project 768661 - New)

May 3, 1991 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Other Non-Federal Research Contracts/Grants (contd)

\$47,745.00 - The University of Vermont, Burlington, Vermont, Contractile Properties of Mutant Drosophila melanogaster Muscle, Department of Molecular Genetics and Biotechnology Program (B. R. Oakley) and Department of Molecular Genetics (A. Simcox), 1 January 1991 through 31 December 1991. (Project 768092 - Continuation)

\$40,000.00 - Columbus Metropolitan Housing Authority, Columbus, Ohio, Ohio Cooperative Extension Service Family Life Skills Program, Ohio Cooperative Extension Service - County Operations (J. E. LaMuth), 1 March 1991 through 28 February 1993. (Project 768925 - New)

\$31,948.00 - Battelle Memorial Institute, Research Triangle Park, North Carolina, Scientific Services Program Task No. 91-002, Department of Geodetic Science and Surveying (K. Novak), 6 December 1990 through 1 September 1991. (Project 768853 - New)

\$29,283.00 - Kent State University, Kent, Ohio, Network Engineering Support for the Development of the Ohio Library Information System Project Known as OhioLink, Ohio Supercomputer Center (A. A. Brown), 1 November 1990 through 30 June 1991. (Project 768908 - New)

\$25,521.00 - Wayne State University, Detroit, Michigan, Comprehensive HIV/AIDS Mental Health Education Program, Department of Family Medicine (L. L. Gabel), 1 January 1991 through 31 December 1991. (Project 768881 - New)

\$19,000.00 - American Lung Association, New York, New York, Adherence as a Regulator of Macrophage Cytokines, Department of Internal Medicine (M. D. Wewers and C. B. Marsh), 1 July 1991 through 30 June 1992. (Project 768918 - New)

\$17,249.00 - Children's Hospital Research Foundation, Columbus, Ohio, Intestinal Transplantation in Inbred Rats, Department of Internal Medicine (T. M. O'Dorisio) and Department of Surgery (C. G. Orosz), 1 August 1990 through 31 July 1991. (Project 767161 - Continuation)

\$16,659.00 - Battelle Memorial Institute, Columbus, Ohio, Procedures for Evaluating the Activity of Chemicals to Adult Fleas on Cats, Department of Entomology and Department of Microbiology (W. F. Hink), 1 February 1991 through 31 March 1991. (Project 768888 - New)

\$15,000.00 - Canadian Government, Edmonton, Alberta, Canada, Center for Commercialization of Space Membership Agreement, Center for Mapping and Department of Geodetic Science and Surveying (J. D. Bossler), 1 January 1990 through 30 June 1991. (Project 766219 - New)

\$13,570.00 - National Geographic Society, Washington, D.C., An Archaeological Survey of Southern Iapigia, Lima Campus and Department of Classics (D. W. Roller), 15 March 1991 through 31 December 1991. (Project 768920 - New)

\$10,000.00 - Maharishi Ayurveda Foundation, Lancaster, Massachusetts, Research on Natural Products and the Study of Effects of Sound and Light, Department of Pathology (H. M. Sharma), 15 June 1990 through 14 June 1991. (Project 768362 - Continuation)

\$7,700.00 - University of California, Livermore, California, A Study for a Deployable Truss Structure, Department of Electrical Engineering (U. Ozguner), 1 January 1991 through 30 May 1991. (Project 767615 - Continuation)

May 3, 1991 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Other Non-Federal Research Contracts/Grants (contd)**

\$7,300.00 - Ohio Aerospace Institute, Brook Park, Ohio, Free Vibration of Composite Beams with Delaminations, Department of Aeronautical and Astronautical Engineering (M.-H. H. Shen), 1 October 1990 through 31 January 1991. (Project 768930 - New)

\$7,056.00 - Columbus Public Schools, Columbus, Ohio, Long-Term Projection of Student Distribution, Center for Mapping and Department of Geodetic Science and Surveying (J. D. Bossler), 1 April 1991 through 31 March 1992. (Project 768941 - New)

\$4,500.00 - National Geographic Society, Washington, D.C., Vocal Repertoires of Eight Species of Parus Along an Altitudinal Gradient in Sichuan Province, China, Department of Zoology (P. W. Pappas and S. L. Gaunt), 1 March 1991 through 31 May 1991. (Project 768915 - New)

\$3,000.00 - Arizona Department of Education, Phoenix, Arizona, National Entrepreneurship Education Consortium, Center on Education and Training for Employment (R. D. Ryan), 1 July 1990 through 30 June 1991. (Project 768452 - Continuation)

\$2,737.00 - Cancer Therapy and Research Foundation of South Texas, San Antonio, Texas, Multidisciplinary Participation in the Cancer Control Activities of the Southwest Oncology Group, Department of Internal Medicine (S. P. Balcerzak), 1 January 1991 through 31 December 1991. (Project 768944 - Continuation)

\$2,000.00 - Cancer Therapy and Research Foundation of South Texas, San Antonio, Texas, Multidisciplinary Participation in the Cancer Control Activities of the Southwest Oncology Group, Department of Internal Medicine (S. P. Balcerzak), 1 September 1990 through 31 December 1990. (Project 765208 - Continuation)

\$1,000.00 - The Merck Company Foundation, Rahway, New Jersey, The Merck Company Foundation Matching Gift Program, Department of History of Art (J. Huntington and S. L. Huntington), 15 March 1991 through 30 April 1991. (Project 768917 - New)

\$500.00 - Sigma Xi, Research Triangle Park, North Carolina, Fish Gape and Prey Size: Evaluating Size-Dependent Recruitment Patterns, Department of Zoology (R. A. Stein), 1 March 1991 through 29 February 1992. (Project 768900 - New)

**TOTAL - OTHER NON-FEDERAL AWARDS** **\$ 679,311.00**

**ENGINEERING EXPERIMENT STATION**

**Industry and Other Sponsored Research and Development**

\$150,000.00 - additional funding from Truesports Company, Hilliard, Ohio for continued wind tunnel testing, under the direction of the department of Aeronautical and Astronautical Engineering for the period March 15, 1990 through December 30, 1991. (312530)

\$100,777.00 - from Semiconductor Research Corporation, Research Triangle Park, NC for the second year funding of "The Development of a Fracture Mechanics Methodology for Establishing the Influence of Defects on the Performance and Reliability of Polymeric Dielectric Materials," under the direction of the department of Mechanical Engineering for the period April 1, 1990 through March 31, 1992. (529843)

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**ENGINEERING EXPERIMENT STATION (contd)**

**Industry and Other Sponsored Research and Development (contd)**

\$75,000.00 - for third year IBM funding of project "Thermoviscoelastic Characterization of a Polyimide Material for Electronics Applications," under the direction of the department of Engineering Mechanics for the period November 1, 1988 through October 31, 1991. (529787)

\$50,000.00 - in additional funding from Isotec, Inc., Miamisburg, Ohio for project entitled, "Laser Control of Isotopic Separation Chemical Reactions," under the direction of the department of Mechanical Engineering for the period January 1, 1990 through December 31, 1991. (529840)

\$67,714.00 - from Delco Moraine, Dayton, Ohio for additional funding of "Torque Feedback and Self-Tuning Control for ABS Technologies," under the direction of the Electrical Engineering Department for the period March 1, 1990 through March 30, 1992. (529832)

\$39,200.00 - funding from General Electric Real Estate and Construction Operation in Cincinnati, Ohio for "Testing of the GE90-44 Engine Simulator in a Scale Model for Test Facilities Engineering," under the direction of the Aeronautical and Astronautical Laboratory for the period March 1, 1991 through June 30, 1991. (312568)

\$25,000.00 - for second year funding from the Edison Welding Institute of Columbus, Ohio for "An Experimental Investigation of Substrate-to-metal Sealings in Microelectronics," under the direction of the Mechanical Engineering Department for the period July 1, 1989 through June 30, 1991. (312516)

\$25,000.00 - in additional funding from the Edison Welding Institute of Columbus, Ohio for "Real Time Radiographic Control of Arc Welding," under the direction of the department of Welding Engineering for the period July 1, 1990 through June 30, 1991. (529391)

\$24,740.00 - from General Electric to fund "Advanced Engine Graphical Analysis," in the department of Computer and Information Science for the period March 7, 1991 through December 31, 1991. (529878)

\$24,000.00 - from BF Goodrich through the University of Illinois for fund "Propeller Ice Accretion," in the department of Aeronautical and Astronautical Engineering for the period December 5, 1990 through July 31, 1991. (312567)

\$20,000.00 - in additional funding from Edison Welding Institute of Columbus, Ohio for "An Investigation of Weld Microstructure Using Analytical Electron Microscopy," in the department of Materials Science and Engineering for the period July 1, 1990 through June 30, 1991. (529387)

\$20,000.00 - for two new associate memberships in the Engineering Research Center for Net Shape Manufacturings from the Grumman Corporation, Bethpage, New York and ND-Tech Corporation of Fort Wayne, Indiana. (029200)

\$17,100.00 - from General Electric, Cincinnati, Ohio for "Cell 41 Model Study," under the direction of the department of Aeronautical and Astronautical Engineering for the period March 1, 1991 through June 30, 1991. (312566)

\$16,500.00 - funding by General Electric, Cincinnati, Ohio for "The CF6-80E1 Anti-Reingestion Tunnel Scale Model Test Program," under the direction of the department of Aeronautical and Astronautical Engineering for the period March 1, 1991 through June 30, 1991. (312565)

May 3, 1991 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

### ENGINEERING EXPERIMENT STATION (contd)

#### Industry and Other Sponsored Research and Development (contd)

\$10,000.00 - from Motorola, Inc. of Dearborn, Michigan to fund "Advanced Signal Processing for Detection of Knock Signals in Internal Combustion Engines," under the direction of the department of Mechanical Engineering for the period February 1, 1991 through June 30, 1991. (529879)

\$7,845.00 - from five sponsors of five development projects in one research area of the college.

\$6,800.00 - additional funding from Edison Welding Institute for "Weldability Test Techniques," under the direction of the department of Welding Engineering for the period July 1, 1990 through June 30, 1991. (529383)

TOTAL - INDUSTRY AND OTHER SPONSORED RESEARCH \$ 679,676.00

### THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

#### Establishment of Named Funds

##### The Roald F. and Della J. Campbell Memorial Scholarship Fund in Educational Administration

The Roald F. and Della J. Campbell Memorial Scholarship Fund in Educational Administration was established May 3, 1991, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the estates of Roald F. Campbell, Professor Emeritus, and his wife, Della J. Campbell, of Salt Lake City, Utah.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used for scholarships or loans for students whose area of interest is educational administration. Selection of recipients shall be made by the Dean of the College of Education, or his designee, in consultation with the University Committee on Student Financial Aid.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the person then responsible for educational administration.

##### The William Baldenhofer Mechanical Engineering Scholarship Fund

The William Baldenhofer Mechanical Engineering Scholarship Fund was established May 3, 1991, by the Board of Trustees of The Ohio State University, with a gift to The Ohio State University Development Fund from Carol E. Baldenhofer in memory of her late husband, William Baldenhofer (B.M.E. '26).

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Establishment of Named Funds (contd)**

**The William Baldenhofer Mechanical  
Engineering Scholarship Fund (contd)**

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide Department of Mechanical Engineering scholarships to students who have demonstrated academic ability and the need for financial assistance. Preference shall be given to residents of Clark and Champaign counties and, in turn, other Ohio residents. The recipients will be named annually but may be eligible for renewed awards. The selection shall be made by the University Committee on Student Financial Aid upon the recommendation of the Department of Mechanical Engineering.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

**The Chemical Engineering Class of 1941 Fund**

The Chemical Engineering Class of 1941 Fund was established May 3, 1991, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from alumni and friends of the Class of 1941.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide one or more Department of Chemical Engineering, or its successor department, undergraduate scholarships to students who have demonstrated academic ability and need for financial assistance. Eligible students will be limited to those who have completed their freshman year. Recipients will be named annually, but may be eligible for renewed awards. The selection will be made by the University Committee on Student Financial Aid upon the recommendation of the Department of Chemical Engineering.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donors.

May 3, 1991 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

#### Establishment of Named Funds (contd)

##### The 4-H Camp Ohio Endowment Fund

The 4-H Camp Ohio Endowment Fund was established May 3, 1991, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Camp Ohio, owned by Agricultural Extension Camps, Inc., St. Louisville, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to enhance and foster further development of the resources and camping program at Camp Ohio. All expenditures from this fund shall be approved by the Camp Ohio Board of Trustees.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then the fund shall be for the use and benefit of the 4-H program of the Ohio Cooperative Extension Service.

##### The Guernsey County 4-H Oscar Share Endowment Fund

The Guernsey County 4-H Oscar Share Endowment Fund was established May 3, 1991, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from the Guernsey County 4-H Committee and other friends of the Guernsey County 4-H Program.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to support and enhance the Guernsey County 4-H Program. This income shall be used as a complement to, not a substitute for, public funding. This support shall include funding of 4-H camping scholarships and programs as determined by the County 4-H Advisory Committee. This may also include, but is not limited to, scholarships for workshops and forums, volunteer leader support, sponsoring seminars and programs, purchasing material for services that will supplement 4-H programming or increase visibility and public support for 4-H in Guernsey County. All expenditures from this fund shall be approved by the Guernsey County 4-H Advisory Committee under the direction of the Guernsey County Cooperative Extension Service.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donors.

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY FOUNDATION**

**Approval of Description and Establishment of Fund**

**The GAR Foundation Urban Youth Endowment Fund**

The GAR Foundation Urban Youth Endowment Fund was established May 3, 1991, by the Board of Trustees of The Ohio State University through funds received by the University from The Ohio State University Foundation for the support of the Agricultural Technical Institute.

Income provided by the Foundation shall be distributed to the Agricultural Technical Institute to support activities and programs designed to encourage and assist urban youth, especially from the Akron, Ohio, area, to attend the Agricultural Technical Institute. The summer youth camp is the first funding priority; related activities may be funded also.

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**EMPLOYMENT OF ARCHITECTS/ENGINEERS AND  
REQUEST FOR CONSTRUCTION BIDS**

Resolution No. 91-123

ATI - PHASE I, MECHANICAL EQUIPMENT AND HVAC CONTROLS  
ATI - PHASES II AND III, BUILDING IMPROVEMENTS, POLE BARN,  
AND LAND IMPROVEMENTS  
ATI - PHASE IV, MASONRY IMPROVEMENTS AND FOUNDATION AND  
STRUCTURAL MODIFICATIONS  
ATI - PHASE V, PARKING LOT, ROADWAY AND SIDEWALK REPLACEMENT

**Synopsis:** Authorization to employ architects/engineers and request construction bids for the ATI - Phases I, II and III, IV, and V projects is proposed.

WHEREAS House Bill 808, enacted by the 118th General Assembly, made capital appropriations for projects for The Ohio State University for the 1990-1992 biennium, including the following projects at the Agricultural Technical Institute: Phase I - Mechanical Improvements; Phases II and III - Building Improvements, Pole Barn, and Land Improvements; Phase IV - Masonry Improvements and Foundation and Structural Modifications; and Phase V - Parking Lot, Roadway, and Sidewalk Replacement; and

WHEREAS the total estimated project cost for Phase I is \$36,000.00, and the total estimated construction cost is \$28,500.00; and

WHEREAS the total estimated project cost for Phases II and III is \$99,000.00, and the total estimated construction cost is \$81,500.00; and

WHEREAS the total estimated project cost for Phase IV is \$63,000.00, and the total estimated construction cost is \$55,000.00; and

WHEREAS the total estimated project cost for Phase V is \$143,000.00, and the total estimated construction cost is \$128,000.00:

**EMPLOYMENT OF ARCHITECTS/ENGINEERS AND  
REQUEST FOR CONSTRUCTION BIDS (contd)**

ATI - PHASE I, MECHANICAL EQUIPMENT AND HVAC CONTROLS  
ATI - PHASES II AND III, BUILDING IMPROVEMENTS, POLE BARN,  
AND LAND IMPROVEMENTS

ATI - PHASE IV, MASONRY IMPROVEMENTS AND FOUNDATION AND  
STRUCTURAL MODIFICATIONS

ATI - PHASE V, PARKING LOT, ROADWAY AND SIDEWALK REPLACEMENT (contd)

**NOW THEREFORE**

BE IT RESOLVED, That the President and/or Acting Vice President for Business and Administration be authorized to select qualified architectural/engineering firms as necessary for these projects and that the fees for these services be negotiated between the firm selected and the University; and

BE IT FURTHER RESOLVED, That the President and/or Acting Vice President for Business and Administration be authorized to request construction bids on these projects in accordance with established State of Ohio and University procedures, and if satisfactory bids are received, to recommend award of contracts, with all actions to be reported to this Board at the appropriate time.

Upon motion of Amb. Wolf, seconded by Mr. Shumate, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix LXXV for background material and map, page 1171.)

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**REQUEST FOR CONSTRUCTION BIDS**

Resolution No. 91-124

**NEW NEUROPSYCHIATRIC FACILITY  
RHODES HALL - SURGERY HVAC REVISIONS  
OHIO UNION - PERIMETER HEATING PIPE REPLACEMENT  
PARKS HALL LABORATORY RENOVATION  
CANNON DRIVE IMPROVEMENTS**

Synopsis: Authorization to request construction bids for the New Neuropsychiatric Facility, Rhodes Hall - Surgery HVAC Revisions, Ohio Union - Perimeter Heating Pipe Replacement, Parks Hall Laboratory Renovation, and Cannon Drive Improvements projects is proposed.

WHEREAS University Hospitals desires to proceed with construction of a new psychiatric facility for treatment, teaching and research; and

WHEREAS the Board of Trustees authorized the employment of an architectural firm for the Neuropsychiatric Facility on September 2, 1988; and

WHEREAS the total estimated project cost is \$15,000,000.00, and the total estimated construction cost is \$12,000,000.00, with funds provided from University bond proceeds; and

WHEREAS University Hospitals desires to proceed with the Rhodes Hall - Surgery HVAC Revisions; and

**REQUEST FOR CONSTRUCTION BIDS (contd)**

**NEW NEUROPSYCHIATRIC FACILITY  
RHODES HALL - SURGERY HVAC REVISIONS  
OHIO UNION - PERIMETER HEATING PIPE REPLACEMENT  
PARKS HALL LABORATORY RENOVATION  
CANNON DRIVE IMPROVEMENTS (contd)**

WHEREAS the total estimated project cost is \$658,500.00, and the total estimated construction cost is \$550,000.00, with funds provided by University Hospitals; and

WHEREAS the Ohio Union desires to proceed with the replacement of piping system for unit "A," including convertors, circulating pumps, unit heaters, finned radiation; and

WHEREAS the total estimated project cost is \$828,750.00, and the total estimated construction cost is \$479,750.00, and the total asbestos abatement cost is \$195,000.00, with funds provided from University bond proceeds; and

WHEREAS the College of Pharmacy desires to proceed with the renovation of room 233 in Parks Hall to facilitate modern pharmacy dispensing practices; and

WHEREAS the total estimated project cost is \$262,350.00, and the total estimated construction cost is \$235,000.00, with funds provided by central University funds in the amount of \$131,175.00 and gifts in the amount of \$131,175.00; and

WHEREAS the City of Columbus has passed legislation to permit the Director of the Ohio Department of Transportation to administer a highway improvement project within the City of Columbus to provide a State Route 315 exit ramp to Cannon Drive; and

WHEREAS the University desires to proceed with improvements to Cannon Drive to include the widening of the road to four lanes to facilitate traffic movement; and

WHEREAS the planning for this project was approved by the Board of Trustees on October 3, 1980; and

WHEREAS the total estimated project cost is \$5,300,000.00, and the total estimated construction cost is \$4,600,000.00, with funds provided from several sources, including University bond proceeds, State capital appropriations, and University funds:

**NOW THEREFORE**

**BE IT RESOLVED**, That the President and/or Acting Vice President for Business and Administration be authorized to request construction bids on these projects in accordance with established University and/or State of Ohio procedures and if satisfactory bids are received, to award contracts, or recommend the award of contracts, as appropriate, with all actions to be reported to this Board at the appropriate time.

Upon motion of Amb. Wolf, seconded by Ms. Casto, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix LXXVI for background material, page 1175.)

**REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS**

Resolution No. 91-125

**UNIVERSITY HALL AND WILLIAM OXLEY THOMPSON  
LIBRARY - ELEVATOR UPGRADE  
MECHANICAL IMPROVEMENTS (AGRICULTURAL ADMINISTRATION BUILDING)  
ROOF REPLACEMENTS (STILLMAN HALL)  
DENTAL INSTRUCTIONAL LAB IMPROVEMENTS**

Synopsis: Approval of the Report of Award of Contracts and the Establishment of Contingency Funds for the University Hall and William Oxley Thompson Library - Elevator Upgrade, Mechanical Improvements (Agricultural Administration Building), Roof Replacements (Stillman Hall), and Dental Instructional Lab Improvements projects is recommended.

WHEREAS resolutions adopted by the Board of Trustees on May 4, 1989, and October 5, 1990, authorized the President and/or Vice President for Business and Administration to request construction bids in accordance with established State of Ohio and University procedures, and if satisfactory bids were received to recommend the award of contracts for the following projects: University Hall and William Oxley Thompson Library - Elevator Upgrade, Mechanical Improvements (Agricultural Administration Building), Roof Replacements (Stillman Hall), and Dental Instructional Lab Improvements; and

NOW THEREFORE

BE IT RESOLVED, That pursuant to the actions previously authorized by the Board, the Report of Award of Contracts and Establishment of Contingency funds for the University Hall and William Oxley Thompson Library - Elevator Upgrade, Mechanical Improvements (Agricultural Administration Building), Roof Replacements (Stillman Hall), and Dental Instructional Lab Improvements projects is hereby approved.

Upon motion of Amb. Wolf, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix LXXVII for background material and tabulation of bids, page 1177.)

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**LEASE OF LAND AND IMPROVEMENTS**

Resolution No. 91-126

1000 KINNEAR ROAD  
COLUMBUS, OHIO

Synopsis: Lease of approximately five acres of land, including a building of approximately 50,800 gross square feet, located at 1000 Kinnear Road, with an option to purchase, is proposed.

WHEREAS The Ohio State University needs additional land and facilities to house Research Park activities, sponsored research programs, and University and related operations; and

May 3, 1991 meeting, Board of Trustees

**LEASE OF LAND AND IMPROVEMENTS (contd)**

1000 KINNEAR ROAD  
COLUMBUS, OHIO (contd)

WHEREAS Kinneare Research Associates own approximately five acres of land at 1000 Kinneare Road in Columbus, Ohio, with a building containing approximately 50,800 gross square feet and have agreed to lease this property to the University for ten years with an option to purchase the property; and

WHEREAS the lease and option price are consistent with MAI appraisals obtained by the University and the cost of the lease and possible purchase would be funded through rental of the space to University and related tenants at no additional cost to the University's General Fund; and

WHEREAS the appropriate University offices are in agreement as to the desirability of leasing this property:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Acting Vice President for Business and Administration be authorized to lease this property from Kinneare Research Associates upon such terms and conditions as are deemed to be in the best interest of the University.

Upon motion of Amb. Wolf, seconded by Mr. Teaford, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix LXXVIII for background material and map, page 1187.)

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Mr. Scott:

This resolution basically stipulates that authorization would be granted to the administration to form a nonprofit corporation to market The Ohio State University Health Care Plan. This request has been carefully studied and researched, and we've involved a consultant in our endeavors to look at the market circumstances and what would be needed to establish such a corporation. We believe that establishing such a corporation in today's volatile health care market enhances the University's medical areas' capability to provide and maintain viable health services, income streams, along with our education, research, and teaching mission. This resolution would allow the administration to develop the necessary code of regulations, and also put into place the necessary administrative function to get this corporation running.

**FORMATION OF NONPROFIT CORPORATION TO MARKET  
THE OHIO STATE UNIVERSITY HEALTH PLAN**

Resolution No. 91-127

Synopsis: Authorization to form a nonprofit corporation to advance The Ohio State University Health Plan is proposed.

**FORMATION OF NONPROFIT CORPORATION TO MARKET  
THE OHIO STATE UNIVERSITY HEALTH PLAN (contd)**

WHEREAS the Board of Trustees of The Ohio State University has determined that there is a need to create a nonprofit corporation to market, promote, and provide The Ohio State University Health Plan and any expanded managed health care services and programs to employers and groups within Ohio, and to conduct and support other related programs that augment and enhance the undertakings of The Ohio State University Health Plan, University Hospitals, the College of Medicine, and other health-related services in advancing the University's educational, research, patient care, health care, and public service responsibilities; and

WHEREAS such a corporation would be organized and operated exclusively for purposes qualifying it as an exempt organization under the U.S. Internal Revenue Code and would be governed by trustees appointed or elected by this Board or the University administration; and

WHEREAS this Board desires that Manuel Tzagournis, M.D., in his official capacity as Vice President for Health Services and Dean of the College of Medicine, act as incorporator of such corporation:

NOW THEREFORE

BE IT RESOLVED, That pursuant to the general authority vested in this Board by law, the Board of Trustees of The Ohio State University hereby approves and authorizes the establishment of a nonprofit corporation to market, promote, and provide The Ohio State University Health Plan and any expanded managed health care services and programs to employers and groups within Ohio, and to conduct and support other related programs or activities that augment and enhance the undertakings of The Ohio State University Health Plan, University Hospitals, the College of Medicine, and other health-related services in advancing the University's educational, research, patient care, health care, and public service responsibilities, and approves such a relationship between the corporation and the University which can qualify such corporation as an exempt organization under Section 501(c)(3) of the U.S. Internal Revenue Code; and

BE IT FURTHER RESOLVED, That The Ohio State University gives its consent to such corporation to use the name and registered marks of the University, as deemed appropriate by the President of the University, to carry out the purposes of the corporation; and

BE IT FURTHER RESOLVED, That Manuel Tzagournis, M.D., acting in his official capacity as Vice President for Health Services and Dean of the College of Medicine, is hereby authorized to act as incorporator of such corporation and to perform such functions and execute such documents as may be necessary or desirable to incorporate such corporation, representing the interest of the University in such capacity as part of his official responsibility to the University, entitling him to any immunity, insurance, or indemnity protection to which officers and employees of the University now are, or hereafter may become, entitled.

Upon motion of Amb. Wolf, seconded by Mr. Celeste, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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President Gee:

On behalf of your colleagues at the University, we happen to have a small item in recognition of what has been a most worthy effort for nine years and certainly for this year. Congratulations to you. [Presentation of gavel.]

May 3, 1991 meeting, Board of Trustees

Mrs. Bowser:

I want to say that this is my alma mater and it has been a very pleasurable experience to serve nine years and to be able to pay back for the marvelous education that I received here. The University is made up of people and it has been the people that have surrounded me and broadened me. I have watched these people work with such dedication for this University and that is exactly why it is such a fine place. We have a good system here; we have a nine-year term and that is long enough to serve. It is time for me to rotate off. I charge all of you Trustees here present to make the new Trustee welcome, not only in your meetings, but in the way you react within; that you bring them into this brotherhood and sisterhood; encourage them to ask questions; and help them to love this place as much as I love it. Thank you, very much.

Mr. Teaford:

We can't let you get away without something publicly on the record. I think that your induction into Bucket and Dipper and to Sphinx in the last two days shows the great affection and high regard this University has for you. Last night, we spoke at length about your importance to this University, and I feel it is necessary that it be publicly on the record how much we do appreciate your extraordinary service to this University. Shirley, don't think this is your last service to the University, we will get you back.

Thereupon the Board adjourned to meet Friday, June 7, 1991, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio.

Attest:

Madison H. Scott  
Secretary

Shirley D. Bowser  
Chairperson

Page 1132 Blank

APPENDIX LXXI

THE OHIO STATE UNIVERSITY ENDOWMENT SUMMARY  
April 19, 1991

Presented to the Investments Committee and  
Adopted by the Board of Trustees, May 3, 1991  
(See page 1108)

**THE OHIO STATE UNIVERSITY**  
**ENDOWMENT FUND**

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**ENDOWMENT SUMMARY**

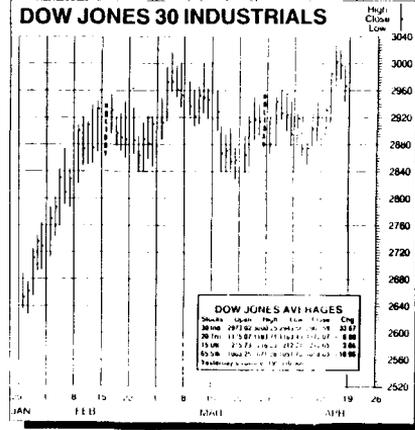
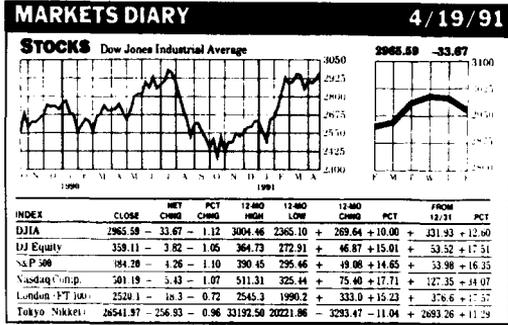
**April 19, 1991**

**Office of the Treasurer**

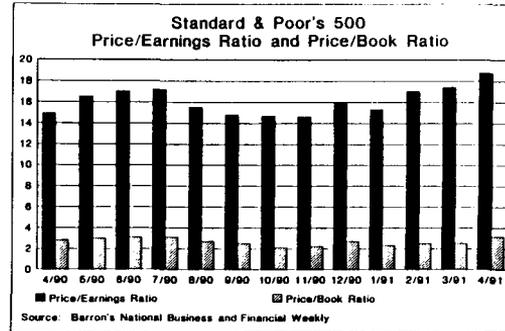
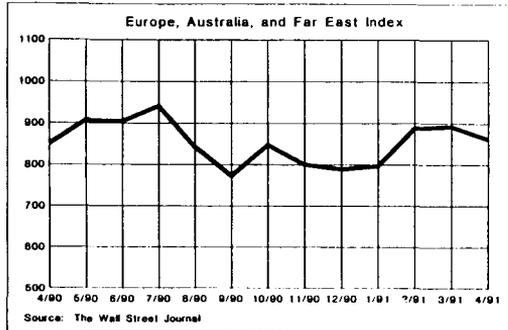


# The Ohio State University Endowment Fund

## Equity Market Information



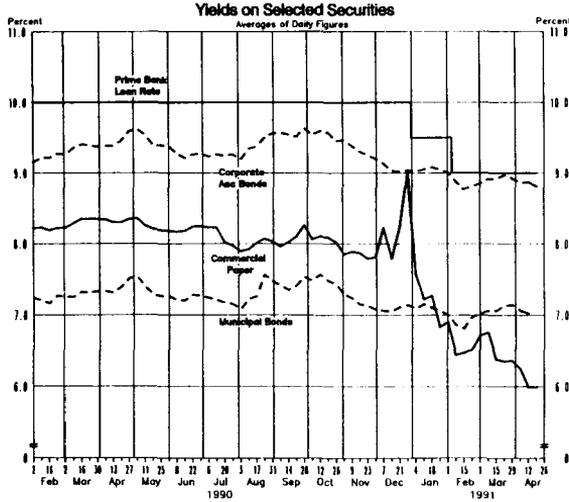
1135



# The Ohio State University Endowment Fund

## Selected Yield and Interest Rates

1136



Latest data plotted are averages of rates available for the week ending: April 19, 1991

1991	90-Day CDs	30-Day Commercial Paper	90-Day Bankers' Acceptances	Corporate Aaa Bonds	Corporate Baa Bonds	Municipal Bonds**
Jan 25	6.84	6.33	6.76	9.05	10.44	7.08
Feb 1	6.84	6.90	6.67	9.00	10.34	7.00
8	6.45	6.44	6.28	6.87	10.13	6.86
15	6.44	6.47	6.30	6.77	10.00	6.81
22	6.54	6.51	6.38	6.81	10.04	6.87
Mar 1	6.71	6.71	6.52	6.85	10.09	7.01
8	6.70	6.75	6.42	6.92	10.11	7.06
15	6.35	6.38	6.14	6.51	10.05	7.06
22	6.35	6.35	6.19	6.57	10.13	7.13
29	6.31	6.36	6.14	6.52	10.06	7.14
Apr 5	6.18	6.25	6.02	6.66	9.98	7.08
12	6.00	5.99	5.86	6.67	9.96	7.02
19*	5.95	5.99	5.84	6.61	9.94	N.A.

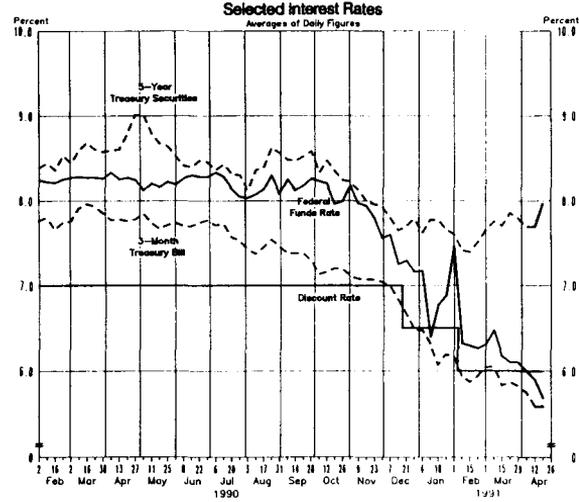
Current data appear in the Federal Reserve Board's H.15 release.

\* Averages of rates available

\*\* Bond Buyer's Average Index of 20 municipal bonds, Thursday data

N.A. - Not Available

Prepared by Federal Reserve Bank of St. Louis



Latest data plotted are averages of rates available for the week ending: April 19, 1991

1991	Federal Funds**	3-Month Treasury Bill	6-Month Treasury Bill***	1-Year Treasury Bill	5-Year Treasury Securities	Long-Term Treasury Securities
Jan 25	6.88	6.19	6.21	6.19	7.66	8.25
Feb 1	7.48	6.17	6.28	6.13	7.60	8.22
8	6.32	5.94	5.94	5.87	7.41	8.05
15	6.29	5.87	5.85	5.84	7.39	8.02
22	6.26	5.94	5.91	5.83	7.51	8.10
Mar 1	6.31	6.04	6.01	6.02	7.85	8.23
8	6.47	6.05	6.06	6.09	7.75	8.35
15	6.17	5.83	5.91	5.94	7.70	8.31
22	6.10	5.87	5.82	6.01	7.65	8.43
29	6.10	5.82	5.84	5.94	7.79	8.43
Apr 5	6.00	5.75	5.79	5.87	7.69	8.27
12	5.90	5.59	5.68	5.84	7.69	8.27
19*	5.69	5.59	5.67	5.84	7.96	8.17

Current data appear in the Federal Reserve Board's H.15 release excluding long-term Treasury securities which are computed by this bank. Treasury bill yields are on a discount basis

\*\* Averages of rates available

\*\*\* Seven-day averages for week ending two days earlier than date shown

\*\* Auction average (discount)

Prepared by Federal Reserve Bank of St. Louis

**THE OHIO STATE UNIVERSITY**  
**Portfolio Summary**

	<u>4/19/91</u>	<u>2/15/91</u>	<u>6/30/90</u>
Unallocated Cash	\$15,533,254	\$12,838,210	\$26,394,640
<b>Equities:</b>			
Chicago	44,153,742	40,899,905	38,632,387
R. Meeder	13,736,138	12,894,066	13,001,471
Neuberger & Berman	15,383,910	14,716,075	14,170,710
Nicholas Applegate	23,579,704 [1]	21,764,996	15,494,958
Siebel	37,172,249	35,897,484	36,744,939
University Administered	39,290,786	34,241,712	33,379,715
University Students	6,259,043	5,962,939	5,622,381
Wells Fargo EAFE	8,555,101	8,844,403	9,088,214
Wells Fargo S&P 500	42,087,226 [2]	40,485,926	30,747,343
<b>Total Equities</b>	<u>230,217,899</u>	<u>215,707,506</u>	<u>196,882,118</u>
<b>Fixed Income:</b>			
Boatmen's Trust	29,087,345 [3]	30,193,850	23,329,632
Cambridge	0 [4]	0	921,596
Duff & Phelps	10,417,116	10,558,565	10,142,463
WR Lazard	15,152,025 [1]	15,363,859	9,888,684
STW Fixed Income	29,035,127 [3]	29,638,076	23,393,709
University GNMA	12,862,903 [5]	13,038,891	10,088,124
University Administered	153,031	178,241	289,044
<b>Total Fixed Income</b>	<u>96,707,547</u>	<u>98,971,482</u>	<u>78,053,252</u>
<b>Real Estate</b>	<u>43,853,135</u>	<u>43,856,397</u>	<u>43,869,131</u>
<b>TOTAL INVESTMENT POOL</b>	<u>\$386,311,835</u>	<u>\$371,373,595</u>	<u>\$345,199,141</u>
Less amounts invested for:			
University Foundation	(18,706,990)	(18,110,000)	(16,383,204)
Transportation Research Center	(6,673,806)	(6,465,826)	(6,935,639)
<b>TOTAL ENDOWMENT FUND</b>	<u>\$360,931,039</u>	<u>\$346,797,769</u>	<u>\$321,880,298</u>
<b>Asset Allocation</b>	<b><u>4/19/91</u></b>	<b><u>2/15/91</u></b>	<b><u>6/30/90</u></b>
	<b>% of</b>	<b>% of</b>	<b>% of</b>
	<b>Portfolio</b>	<b>Portfolio</b>	<b>Portfolio</b>
Equities	\$213,780,282	\$200,781,739	\$183,764,582
Fixed Income	95,552,481	98,118,665	77,004,000
Real Estate	43,853,135	43,856,397	43,869,131
Cash	33,125,937	28,616,794	40,561,428
<b>Total</b>	<u>\$386,311,835</u>	<u>\$371,373,595</u>	<u>\$345,199,141</u>
	<u>100.00</u>	<u>100.00</u>	<u>100.00</u>

Commitment increased \$5,000,000 on November 15, 1990.

[2] Commitment increased \$7,500,000 on November 15, 1990.

[3] Commitment increased \$5,000,000 on October 12, 1990.

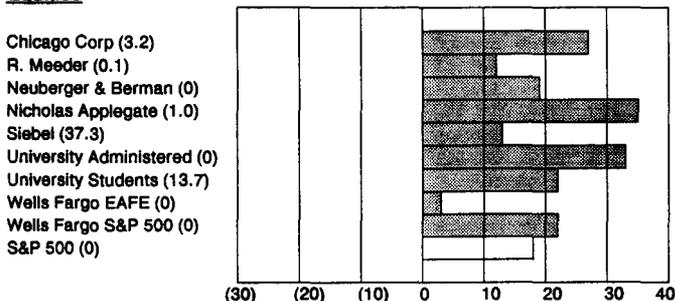
[4] Investment Advisory Agreement terminated on November 15, 1990.

[5] Commitment increased \$2,500,000 on December 13, 1990.

## THE OHIO STATE UNIVERSITY Endowment Performance Summary

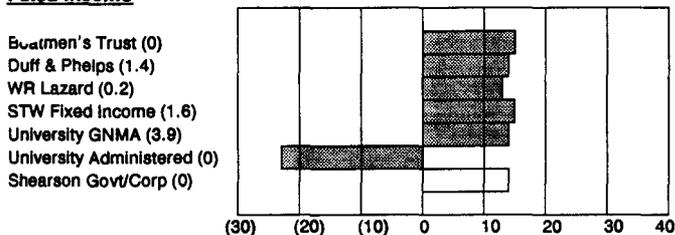
### Estimated 12 Month Total Return

#### Equities



Yield%	Market Value		Total Return%
	Change%	Total	
2.4	24.4	26.8	
2.4	9.7	12.1	
3.0	15.7	18.7	
1.2	34.0	35.2	
3.9	9.4	13.3	
2.6	30.1	32.7	
2.3	20.1	22.4	
2.4	0.8	3.2	
3.8	18.2	22.0	
3.8	14.6	18.4	

#### Fixed Income



Yield%	Market Value		Total Return%
	Change%	Total	
7.0	8.5	15.5	
8.6	5.5	14.1	
8.7	4.2	12.9	
9.1	6.2	15.3	
9.4	4.8	14.2	
24.1	(47.1)	(23.0)	
9.1	4.6	13.7	

( ) Percent Cash 4/19/91

	Year to Date July 1, 1990 to April 19, 1991	Latest Period February 16, 1991 to April 19, 1991
<u>Change in Total Valuation</u>		
Beginning Market Value	\$321,880,298	\$346,797,789
Principal Additions	18,459,966	2,491,700
Principal Withdrawals	(152,977)	0
Income Reserve	(780,433)	0
Change in Market Value	<u>21,524,185</u>	<u>11,641,570</u>
Ending Market Value	<u>\$360,931,039</u>	<u>\$360,931,039</u>

NOTE: Endowment Income from July 1, 1990 through April 30, 1991 totaled approximately \$12,187,000.

**THE OHIO STATE UNIVERSITY**  
**Maturities and**  
**Real Estate Activity**

**MATURITIES THAT OCCURRED DURING PERIOD**

<u>Par Value</u>	<u>Issue, Coupon, Maturity</u>	<u>Advisor</u>
------------------	--------------------------------	----------------

No maturities during the period.

**REAL ESTATE**

**Acquisitions & Sales**

Description

Cost or  
Appraised Value

No activity during the period.

**THE OHIO STATE UNIVERSITY**  
Equity Acquisitions

Purchases and Gifts During April

<u>Number of Shares</u>	<u>Company</u>	<u>Advisor</u>	<u>Price/Share</u>	<u>Investment</u>	<u>Annual Dividend</u>
1,700	A. L. Laboratories, Inc.	Chicago	25.9630	\$44,247.60	\$272.00
600	Air Products & Chemicals, Inc.	Chicago	68.7500	41,289.00	864.00
2,000	American Brands, Inc.	Chicago	44.0000	88,130.00	2,900.00
900	Atlantic Southeast Airlines, Inc.	Chicago	27.9375	25,143.75	468.00
2,700	Beneficial Corp.	Chicago	56.6250	152,887.50	6,480.00
7,800	Bob Evans Farms, Inc.	Chicago	19.0721	148,762.64	2,028.00
1,900	Boeing Co.	Chicago	47.0000	89,423.50	1,900.00
1,700	CPC International, Inc.	Chicago	84.0000	142,910.50	3,434.00
2,000	Cardinal Distribution, Inc.	Chicago	35.7500	71,500.00	160.00
7,000	Clayton Homes, Inc.	Chicago	16.1250	112,875.00	0.00
3,400	Coca-Cola Corp.	Chicago	54.8380	186,670.20	2,856.00
3,000	Durr Fillauer Medical, Inc.	Chicago	29.7500	89,250.00	720.00
1,800	Emerson Electric Co.	Chicago	44.2500	79,767.00	2,322.00
7,100	First Hawaiian, Inc.	Chicago	26.1250	185,487.50	6,106.00
500	General Electric Co.	Chicago	69.6250	104,535.00	2,940.00
1,500	Giant Foods, Inc., Cl. A	Chicago	28.8750	43,410.00	900.00
3,000	Illinois Tool Works, Inc.	Chicago	51.8750	155,820.00	2,070.00
1,700	MAPCO, Inc.	Chicago	48.7500	82,985.50	1,700.00
700	Oklahoma Gas & Electric	Chicago	39.8750	27,958.00	1,771.00
600	Old Kent Financial Corp.	Chicago	25.1000	15,060.00	666.00
2,000	Pennsylvania Power & Light Co.	Chicago	44.8750	89,880.00	6,020.00
1,200	Phillip Morris Companies, Inc.	Chicago	68.2500	81,978.00	1,956.00
1,000	Policy Management Systems Corp.	Chicago	47.6850	47,685.00	0.00
1,100	TECO Energy, Inc.	Chicago	33.5000	36,921.50	1,782.00
8,000	Aldus Corp.	Nicholas-Applegate	53.3786	427,028.70	0.00
20,700	Bard (CR), Inc.	Nicholas-Applegate	23.9857	497,745.42	8,280.00
20,000	CUC International, Inc.	Nicholas-Applegate	19.4830	390,860.00	0.00
15,000	Dell Computer Corp.	Nicholas-Applegate	28.3790	425,685.00	0.00
8,500	Gap, Inc.	Nicholas-Applegate	59.4100	505,495.00	3,995.00
20,000	Reebok International Ltd.	Nicholas-Applegate	23.9680	480,560.00	6,000.00
20,700	Sensormatic Electronics Corp.	Nicholas-Applegate	20.8282	431,144.46	1,035.00
24,000	Waban, Inc.	Nicholas-Applegate	18.3085	440,844.20	0.00

Continued next page

**THE OHIO STATE UNIVERSITY**  
**Equity Acquisitions**

Purchases and Gifts During April (continued)

<u>Number of Shares</u>	<u>Company</u>	<u>Advisor</u>	<u>Price/Share</u>	<u>Investment</u>	<u>Annual Dividend</u>
9,500	Burlington Resources, Inc.	Siebel	38.5229	\$366,633.00	\$5,795.00
3,000	Enron Oil & Gas Corp.	Siebel	18.7500	56,460.00	600.00
1,000	Bausch & Lomb, Inc.	University Students	80.5000	80,600.00	1,350.00
24	Procter & Gamble Co.*	University Administered	85.7500	2,058.00	45.60
34	Union Pacific Corp.*	University Administered	73.1876	2,488.38	81.94
225	Wendy's International*	University Administered	8.8750	1,996.88	54.00
				<u>\$6,254,176.23</u>	<u>\$77,551.54</u>

\*Gift

**THE OHIO STATE UNIVERSITY**  
**Equity Acquisitions**

Purchases and Gifts During March

<u>Number of Shares</u>	<u>Company</u>	<u>Advisor</u>	<u>Price/Share</u>	<u>Investment</u>	<u>Annual Dividend</u>
4,100	A. L. Laboratories, Inc.	Chicago	22.8326	\$93,880.00	\$656.00
2,000	Air Products & Chemicals, Inc.	Chicago	64.0940	128,318.00	2,640.00
1,000	American Brands, Inc.	Chicago	45.2500	45,315.00	1,360.00
3,200	Aon Corp.	Chicago	37.2500	119,408.00	4,864.00
8,000	Atlantic Southeast Airlines, Inc.	Chicago	29.0299	232,239.50	3,200.00
500	Bancorp Hawaii, Inc.	Chicago	53.7500	26,875.00	820.00
1,000	Bausch & Lomb, Inc.	Chicago	78.2500	78,315.00	1,320.00
2,000	Betz Laboratories, Inc.	Chicago	48.5000	97,000.00	3,900.00
700	Block (H&R), Inc.	Chicago	46.2500	32,420.50	1,092.00
7,700	Bob Evans Farms, Inc.	Chicago	19.0925	147,012.50	2,002.00
700	Boeing Co.	Chicago	46.7500	32,770.50	840.00
1,700	Brown-Forman, Cl. B.	Chicago	73.8530	125,660.60	3,536.00
1,200	Bruno's, Inc.	Chicago	18.1250	21,750.00	168.00
700	CPC International, Inc.	Chicago	81.0000	56,745.50	1,400.00
1,000	Cardinal Distribution, Inc.	Chicago	34.2500	34,250.00	100.00
1,400	Century Telephone Co.	Chicago	29.7790	41,781.60	588.00
4,100	Clayton Homes, Inc.	Chicago	17.4500	71,811.50	0.00
1,400	Cooper Industries, Inc.	Chicago	51.4643	72,141.00	1,512.00
700	Cooper Tire & Rubber Co.	Chicago	21.5000	15,095.50	168.00
600	Crane Co.	Chicago	24.2500	14,589.00	450.00
6,800	Crawford & Co., Cl. B	Chicago	19.9375	136,017.00	3,264.00
1,000	Crompton & Knowles Corp.	Chicago	25.7500	25,815.00	840.00
1,000	Dean Foods Co.	Chicago	45.6250	45,690.00	660.00
1,500	Deluxe Corp.	Chicago	37.7500	56,722.50	1,650.00
2,900	Dover Corp.	Chicago	41.8058	121,425.40	2,088.00
2,000	Durr Fillauer Medical, Inc.	Chicago	30.2500	60,500.00	800.00
1,100	E-Systems, Inc.	Chicago	36.3980	40,109.30	825.00
1,400	General Electric Co.	Chicago	69.0000	96,691.00	2,632.00
3,900	Gerber Products	Chicago	60.5769	236,503.50	4,680.00
1,100	H.J. Heinz Co.	Chicago	34.3296	37,834.06	1,056.00
800	Hon Industries, Inc.	Chicago	17.7500	14,200.00	240.00
1,200	Hormel (Geo. A) & Co.	Chicago	19.3750	23,228.00	312.00
1,000	Illinois Tool Works, Inc.	Chicago	56.5000	56,565.00	600.00
5,600	Lance, Inc.	Chicago	24.5000	142,100.00	4,408.00

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**THE OHIO STATE UNIVERSITY**  
**Equity Acquisitions**

Purchases and Gifts During March (continued)

<u>Number of Shares</u>	<u>Company</u>	<u>Advisor</u>	<u>Price/Share</u>	<u>Investment</u>	<u>Annual Dividend</u>
9,600	Lee Enterprises, Inc.	Chicago	29.3750	\$282,624.00	\$456.00
600	MAPCO, Inc.	Chicago	42.5000	25,539.00	600.00
4,700	Marshall & Lislely Corp.	Chicago	32.2500	151,575.00	5,640.00
3,500	National City Corp.	Chicago	36.8750	129,290.00	6,580.00
1,600	National Presto Industries, Inc.	Chicago	46.0000	73,704.00	3,920.00
3,000	National Service Industries, Inc.	Chicago	26.0000	78,195.00	2,760.00
2,800	Pacific Telesis Group, Inc.	Chicago	42.1250	118,132.00	5,656.00
1,200	Ralston Purina Co.	Chicago	107.7500	129,378.00	2,220.00
600	Super Valu--Stores, Inc.	Chicago	26.3750	15,864.00	360.00
1,900	TECO Energy, Inc.	Chicago	32.7500	62,348.50	3,078.00
1,000	Tyco Labs, Inc.	Chicago	46.3750	46,440.00	320.00
3,100	U.S. Surgical Corp.	Chicago	93.2350	289,230.00	1,550.00
,000	UNIFI, Inc.	Chicago	26.1250	26,190.00	400.00
700	Universal Foods, Inc.	Chicago	35.3750	24,808.00	476.00
700	Winn Dixie Stores, Inc.	Chicago	40.5000	28,395.50	1,512.00
10,000	Adobe Systems, Inc.	Nicholas--Applegate	48.3405	483,405.00	2,400.00
4,000	Apple Computer, Inc.	Nicholas--Applegate	62.3878	249,551.20	1,760.00
8,500	Cisco Systems, Inc.	Nicholas--Applegate	51.5585	438,247.30	0.00
20,000	Destec Corp.	Nicholas--Applegate	20.0000	400,000.00	0.00
2,900	Home Depot, Inc.	Nicholas--Applegate	49.3320	143,236.80	348.00
11,000	Legent Corp.	Nicholas--Applegate	37.0000	407,000.00	0.00
3,600	Stride Rite Corp.	Nicholas--Applegate	38.4970	138,805.20	1,440.00
25,300	Destec Corp.	Siebel	20.0000	506,000.00	0.00
12,500	Geraghty & Miller, Inc.	Siebel	14.6750	183,437.50	0.00
7,000	H.J. Heinz Co.	University Students	37.3750	262,325.00	6,720.00
1,000	Nike, Inc.	University Students	46.3750	46,475.00	800.00
10,000	Quantum Corp.	University Students	25.7500	257,500.00	0.00
2,000	Savannah Foods & Industries	University Students	23.8500	47,700.00	720.00

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**THE OHIO STATE UNIVERSITY**  
**Equity Acquisitions**

Purchases and Gifts During March (continued)

<u>Number of Shares</u>	<u>Company</u>	<u>Advisor</u>	<u>Price/Share</u>	<u>Investment</u>	<u>Annual Dividend</u>
3,000	Syntex Corp.	University Students	75.6250	\$227,175.00	\$4,500.00
2,000	U.S. Surgical Corp.	University Students	95.5000	191,200.00	1,000.00
24	American Information Technologies Corp.*	University Administered	67.5625	1,621.50	75.84
200	Banc One Corp.*	University Administered	34.7500	6,950.00	208.00
40	Limited, Inc.*	University Administered	19.7500	790.00	9.60
280	Lincoln Electric Co.*	University Administered	257.5000	72,100.00	0.00
60	NCR Corp.*	University Administered	95.3750	5,722.50	84.00
125	Worthington Industries, Inc.*	University Administered	20.6875	2,585.94	75.00
Total Equity Acquisitions (March)				<u>\$8,134,420.40</u>	<u>\$110,139.44</u>
Total Equity Acquisitions (April)				<u>\$6,254,176.23</u>	<u>\$77,551.54</u>
Grand Total				<u><u>\$14,388,596.63</u></u>	<u><u>\$187,690.98</u></u>

\*Gift

**THE OHIO STATE UNIVERSITY**  
**Equity Sales**

Sales Made During April

<u>Number of Shares</u>	<u>Company</u>	<u>Advisor</u>	<u>Price/Share</u>	<u>Total Sale</u>	<u>Gain (Loss)</u>
400	Geico Corp.	Chicago	178.7500	\$71,471.61	\$21,099.66
8,300	H.J. Heinz Co.	Chicago	36.8381	305,206.30	93,195.24
9,300	Harley-Davidson, Inc.	Chicago	27.8017	257,942.69	62,590.54
1,900	Lawson Products	Chicago	30.2500	57,475.00	10,331.25
11,600	Lotus Development Corp.	Chicago	27.4996	318,994.95	61,244.95
9,400	National City Corp.	Chicago	35.0299	328,658.85	25,090.35
11,000	National Service Industries, Inc.	Chicago	24.6730	270,678.95	12,162.35
11,700	Old Kent Financial Corp.	Chicago	26.5000	310,050.00	48,693.30
8,700	Pansophic Systems, Inc.	Chicago	11.5700	100,090.14	6,453.19
10,471	Premier Industrial Corp.	Chicago	25.8694	270,188.59	120,610.81
5,600	Smucker (J.M.) Co.	Chicago	41.1590	230,118.71	96,336.11
11,075	Toys-R-Us, Inc.	Chicago	27.4150	302,891.13	104,174.13
9,300	Westinghouse Electric Corp.	Chicago	29.1098	270,107.43	(33,215.57)
12,000	Chemical Waste Management, Inc.	Nicholas-Applegate	19.3695	231,706.24	(22,707.36)
72,200	Global Marine, Inc.	Nicholas-Applegate	4.0630	289,006.82	(76,585.68)
7,600	Halliburton Co.	Nicholas-Applegate	44.1526	335,092.80	(3,104.84)
11,000	Legent Corp.	Nicholas-Applegate	38.2518	420,769.30	13,769.30
4,400	Novell, Inc.	Nicholas-Applegate	51.2879	225,612.20	113,602.51
28,000	Perkin-Elmer Corp.	Nicholas-Applegate	26.6110	743,401.84	45,077.84
20,100	Rowan Companies, Inc.	Nicholas-Applegate	8.8508	176,688.44	(74,254.49)
12,000	Safety-Kleen Corp.	Nicholas-Applegate	33.1318	396,847.80	45,384.40
7,100	Service Corp. International	Nicholas-Applegate	25.4109	179,985.68	54,463.41
1,100	Student Loan Marketing Asn. Non-Voting	Nicholas-Applegate	49.2938	54,155.37	(3,633.13)
20,000	US Air Group, Inc.	Nicholas-Applegate	19.1510	381,807.23	(22,448.77)
25,000	MBNA Corp.	Siebel	25.6915	640,716.96	78,216.96
5,000	Wilmington Trust Co.	Siebel	49.0000	245,000.00	154,466.15
2,000	Disney (Walt) Co.	University Students	115.3750	230,542.30	35,592.30
5,000	Procter & Gamble Co.	University Students	87.4475	436,722.91	74,277.91

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**THE OHIO STATE UNIVERSITY**  
**Equity Sales**

**Sales Made During April (continued)**

<u>Number of Shares</u>	<u>Company</u>	<u>Advisor</u>	<u>Price/Share</u>	<u>Total Sale</u>	<u>Gain (Loss)</u>
60	NCR Corp.*	University Administered	98.6250	\$5,905.30	\$182.80
24	Procter & Gamble Co.*	University Administered	87.5002	2,095.13	37.13
100	Southern California Edison Co.*	University Administered	39.3736	3,922.36	3.61
34	Union Pacific Corp.*	University Administered	74.0000	2,509.11	20.73
				<u>\$8,096,362.14</u>	<u>\$1,041,127.09</u>

\*Gift

**THE OHIO STATE UNIVERSITY**  
**Equity Sales**

Sales Made During March

<u>Number of Shares</u>	<u>Company</u>	<u>Advisor</u>	<u>Price/Share</u>	<u>Total Sale</u>	<u>Gain (Loss)</u>
3,700	American Information Technologies Corp.	Chicago	65.7489	\$243,022.32	\$41,437.82
7,500	American Software, Inc.	Chicago	13.2000	99,000.00	4,264.33
450	Capital Cities/ABC Inc.	Chicago	495.0000	222,713.32	81,831.82
8,700	FMC Corp.	Chicago	36.5000	316,973.91	26,383.41
900	Geico Corp.	Chicago	179.8050	161,760.60	48,423.72
5,900	Genuine Parts Co.	Chicago	40.2500	237,083.58	33,365.58
5,900	Harley-Davidson, Inc.	Chicago	28.4202	167,290.36	43,357.28
6,500	Lawson Products	Chicago	30.0592	195,384.80	34,103.55
5,700	Long's Drug Stores Corp.	Chicago	36.4379	207,318.39	3,212.19
5,600	Melville Corp.	Chicago	47.1318	263,582.00	119,647.68
2,795	Merck & Company, Inc.	Chicago	100.8750	281,754.55	239,577.95
6,500	Rubbermaid, Inc.	Chicago	44.0019	285,580.46	129,157.96
4,000	Stride Rite Corp.	Chicago	37.7031	150,547.46	50,519.46
7,000	Valspar Corp.	Chicago	38.0000	265,536.13	82,976.13
4,500	Western Waste Industries, Inc.	Chicago	18.4250	248,737.50	(6,478.35)
3,900	Chiron Corp.	Nicholas-Applegate	56.4773	220,261.60	81,139.21
1,700	Costco Wholesalers Corp.	Nicholas-Applegate	67.4632	114,687.50	57,526.47
5,100	Foster Wheeler, Inc.	Nicholas-Applegate	32.6780	166,346.24	55,677.01
8,200	Genentech, Inc.	Nicholas-Applegate	25.1240	205,517.71	(3,892.93)
9,200	Genetics Inst., Inc.	Nicholas-Applegate	39.1043	359,760.00	25,672.20
5,600	Intel Corp.	Nicholas-Applegate	46.8444	262,328.70	83,470.05
1,000	Microsoft Corp.	Nicholas-Applegate	100.1875	100,187.50	50,645.62
27,000	Mitchell Energy & Development Corp.	Nicholas-Applegate	16.1940	435,603.42	(102,194.98)
10,200	Rowan Companies, Inc.	Nicholas-Applegate	10.1989	103,413.41	(23,930.76)
2,400	Tyson Foods, Inc.	Nicholas-Applegate	37.7500	90,600.00	24,031.86
4,500	U.S. Health Care, Inc.	Nicholas-Applegate	40.4212	181,895.40	110,086.30
3,500	American Stores Co.	Siebel	81.6750	285,607.97	127,264.47
17,800	Cypress Semiconductor Corp.	Siebel	16.4680	288,595.13	78,518.53
7,000	Hewlett Packard, Inc.	Siebel	46.1250	322,374.23	(28,892.77)
14,500	MBNA Corp.	Siebel	28.1108	377,578.67	51,328.67

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**THE OHIO STATE UNIVERSITY**  
**Equity Sales**

Sales Made During March (continued)

<u>Number of Shares</u>	<u>Company</u>	<u>Advisor</u>	<u>Price/Share</u>	<u>Total Sale</u>	<u>Gain (Loss)</u>
1,200	Merck & Company, Inc.	Siebel	101.2500	\$121,411.95	\$55,672.35
5,000	Wilmington Trust Co.	Siebel	41.2220	206,110.00	115,576.15
8,000	American Tel & Tel Co.	University Students	33.7810	269,438.99	(39,256.01)
25,000	California Microwave, Inc.	University Students	11.3000	282,500.00	64,000.00
24	American Information Technologies Corp.*	University Administered	67.7637	1,621.15	(0.35)
8,511	La-Z-Boy Chair Co.*	University Administered	19.8750	168,810.05	20,399.49
<b>Total Equity Sales (March)</b>				<u>\$7,910,935.00</u>	<u>\$1,734,621.11</u>
<b>Total Equity Sales (April)</b>				<u>\$8,096,362.14</u>	<u>\$1,041,127.09</u>
<b>Grand Total</b>				<u>\$16,007,297.14</u>	<u>\$2,775,748.20</u>

**THE OHIO STATE UNIVERSITY**  
**Fixed Income Acquisitions**

**Purchases and Gifts During April**

<u>Par Value</u>	<u>Issue, Coupon, Maturity</u>	<u>Advisor</u>	<u>Current Yield</u>	<u>Yield to Maturity</u>	<u>Price</u>	<u>Investment</u>
703,827	FNMA 1991 #27 Z 8.200% 04-25-21	Boatmen's	10.58%	10.72%	77.4687	\$545,245.72
1,710,908	FNMA REMIC 8.250% 03-25-21	Boatmen's	10.09%	10.21%	81.7640	1,398,907.08
1,400,000	California State G.O. 5.250% 02-01-07	STW	6.06%	6.63%	86.5980	1,212,372.00
1,000,000	California State G.O. 6.750% 04-01-09	STW	6.75%	6.75%	100.0000	<u>1,000,000.00</u>
						<u>\$4,156,524.80</u>

**THE OHIO STATE UNIVERSITY**  
**Fixed Income Acquisitions**

Purchases and Gifts During March

<u>Par Value</u>	<u>Issue, Coupon, Maturity</u>	<u>Advisor</u>	<u>Current Yield</u>	<u>Yield to Maturity</u>	<u>Price</u>	<u>Investment</u>
1,000,000	Bankamerica Corp. 9.625% 02-13-01	STW	9.63%	9.63%	99.9520	\$999,520.00
1,500,000	Security Pacific National Bank 11.00% 03-01-01	STW	11.00%	11.00%	100.0000	<u>1,500,000.00</u>
						<b>Total Fixed Income Acquisitions (March)</b> <u>\$2,499,520.00</u>
						<b>Total Fixed Income Acquisitions (April)</b> <u>\$4,158,524.80</u>
						<b>Grand Total</b> <u><u>\$8,658,044.80</u></u>

**THE OHIO STATE UNIVERSITY**  
**Fixed Income Sales**

Sales Made During April

<u>Par Value</u>	<u>Issue, Coupon, Maturity</u>	<u>Advisor</u>	<u>Price</u>	<u>Total Sale</u>	<u>Gain (Loss)</u>
575,000	Bear Sterns CMO Series 1 8.900% 06-01-17	Boatmen's	94.3594	\$542,566.41	\$40,339.85
1,100,000	U.S. Treasury Bond 8.875% 08-15-17	Boatmen's	104.3437	1,147,781.25	72,236.86
5,000	U.S. Treasury Bond 8.875% 08-15-17	Boatmen's	106.2500	5,312.50	423.66
1,365,000	U.S. Treasury Bond 10.750% 08-15-05	STW	119.8125	1,635,440.63	49,118.75
815,000	U.S. Treasury Bond 10.750% 08-15-05	STW	120.0469	978,382.03	31,237.46
				<u>\$4,309,482.82</u>	<u>\$193,358.58</u>

**THE OHIO STATE UNIVERSITY**  
**Fixed Income Sales**

**Sales Made During March**

<u>Par Value</u>	<u>Issue, Coupon, Maturity</u>	<u>Advisor</u>	<u>Price</u>	<u>Total Sale</u>	<u>Gain (Loss)</u>
1,000,000	First Union Bank Corp. 9.450% 06-15-99	STW	98.6850	\$986,850.00	(\$750.00)
1,500,000	Security Pacific National Bank 11.500% 11-15-00	STW	103.8000	<u>1,557,000.00</u>	<u>53,835.00</u>
		<b>Total Fixed Income Sales (March)</b>		<b><u>\$2,543,850.00</u></b>	<b><u>\$53,085.00</u></b>
		<b>Total Fixed Income Sales (April)</b>		<b><u>\$4,309,482.82</u></b>	<b><u>\$193,356.58</u></b>
		<b>Grand Total</b>		<b><u>\$6,853,332.82</u></b>	<b><u>\$246,441.58</u></b>

**THE OHIO STATE UNIVERSITY**  
**Real Estate Investments**

	<u>Yield</u>	<u>Year</u> <u>Acquired</u>	<u>Carrying</u> <u>Value</u>	<u>Appraised</u> <u>Value</u>	<u>Date</u> <u>Appraised</u>
Busch Boulevard Centre	7.71%	1990	\$4,275,000	\$4,275,000	10/89
46.984 acres of land in Delaware County	0.35%	1971	100,793	641,000	06/89
Hangar at Don Scott Field (Loan)	0.00%	1973	17,330 (1)	17,330	N/A
Hangar addition at Don Scott Field (Loan)	10.00%	1978	57,305 (1)	57,305	N/A
17.92 acres of land on Eiterman Road	0.00%	1978	25,152	725,000	05/88
51 acres of land, 2809 West Granville Road	0.00%	1962	160,265	2,896,000	06/89
48.52 acres of land, 3025 West Granville Road	0.00%	1972	544,398	4,367,000	06/89
76.143 acres of land, 3253 West Granville Road	0.00%	1968	310,538	6,853,000	06/89
30.539 acres of land, 3371 West Granville Road	0.00%	1971	265,079	2,749,000	06/89
32 acres of land, 3371 West Granville Road	0.13%	1986	2,078,666	2,880,000	06/89
12 acres of land, 3483 West Granville Road	0.00%	1965	24,000	1,080,000	06/89
8.557 acres of land, 3505 West Granville Road	0.00%	1968	17,114	770,000	06/89
Undivided one-half interest in building and .65 acres at 1375 South Hamilton Road	14.74%	1986	95,000	95,000	01/86
94.5 acres of land on Harrisburg Pike	0.00%	1986	190,000	283,000	06/89
Building and 2.633 acres at 1900 Kenny Road	10.25%	1962	659,930	1,250,000	06/89
Building and 6.41 acres at 1960 Kenny Road	14.30%	1971	1,320,693	2,500,000	06/89
Building and 6.328 acres at 1991 Kenny Road	3.11%	1968	170,000	696,000	06/89
Building and 3.295 acres at 930 Kinnear Road	5.96%	1961	435,204	1,550,000	06/89
Building and 5.56 acres at 1100 Kinnear Road	3.74%	1984	825,000	2,650,000	06/89
20.988 acres of land on Shier-Rings Road	0.00%	1978	241,848	1,155,000	08/89
Veterans Administration Clinic	2.15%	1979	3,767,261	6,363,500	06/90
			<u>\$15,580,576</u>	<u>\$43,853,135</u>	

(1) Amount represents balance on loan made to Department of Aviation



Office of the Treasurer

Riverwatch Tower - Suite B  
364 West Lane Avenue  
Columbus, OH 43201-1002  
Phone 614-292-6261

MEMORANDUM

SUBJECT: Proxy Solicitations  
DATE: April 30, 1991  
FROM: James L. Nichols, Treasurer *James L. Nichols*  
TO: Board of Trustees, The Ohio State University

During the month of April 1991, the University voted 145 proxies.

Management proposals were as follows:

- 1) Election of the Board of Directors;
- 2) Ratification of the independent auditors;
- 3) Approval of 1991 Stock Purchase Plan;
- 4) Approval of amendment to eliminate cumulative voting in the election of Directors;
- 5) Ratification of the Directors Stock Option Plan;
- 6) Approval of 1991 Stock Incentive Plan;
- 7) Ratification of Long-Term Incentive Plan;
- 8) Approval to change the company's name;
- 9) Approval to increase the number of authorized shares of common stock;
- 10) Approval of formation of a bank holding company;
- 11) Adoption of Employee Stock Plan;
- 12) Approval of Stock Option Plan for key employees of the corporation and its subsidiaries;
- 13) Ratification of amendment to change the par value of common shares;
- 14) Approval of amendment to the Stock Incentive Plan increasing the number of shares available for grant;
- 15) Ratification of amendment to the by-laws of the corporation to fill the vacancy created by an increase in the number of directors;
- 16) Approval of savings and retirement plans maintained for associates of the company;
- 17) Ratification of a proposal changing the state of incorporation of the company;
- 18) Approval of amendment that establishes the possible number of directors;
- 19) Ratification of the plan for the deferral of directors' compensation;
- 20) Approval of amendments to previous Stock Option Plans;
- 21) Approval of amended Senior Management Incentive Award Deferral Plan and the Senior Management Short Term Incentive Plan;
- 22) Ratification of an amendment to the Stock Option Plan extending the expiration date of the plan;
- 23) Adoption of New Restated Articles of Incorporation;
- 24) Approval of amendment to the Directors' Stock Investment Plan enabling directors to make increased contributions of directors' fees to the plan;
- 25) Approval of amendment to Long Term Incentive Plan extending the period during which awards of restricted stock may be granted;

- 26) Approval to permit the issuance of a new series of preferred stock with dividends payable other than quarterly;
- 27) Approval of a proposal allowing for the possibility of adjournment of the annual meeting to solicit additional proxies;
- 28) Approval of amendment to Stock Option Plans allowing for the option to receive payment in cash for rights granted under the plan;
- 29) Ratification of an amendment permitting the removal of directors for cause only.

The shareholder proposals were as follows:

- 1) Terminate remaining economic relationships with South Africa and establish a policy not to renew any economic ties to South Africa until apartheid ends;
- 2) Approve the establishment of a policy prohibiting company purchases of products from South Africa until Apartheid ends;
- 3) Approve company to become signatory of the Valdez Principles;
- 4) Establish annual election of directors;
- 5) Establish a committee to review the company's compliance with the voluntary cigarette advertising code;
- 6) Require all members of the Board of Directors to own a minimum number of shares of voting stock;
- 7) Provide for cumulative voting in the election of Directors;
- 8) Issue a company report on military equipment, services & technology sold overseas;
- 9) Provide for the annual election of the company's independent accounting firm by all shareholders;
- 10) Adopt a policy of confidential shareholder voting;
- 11) Redeem or submit to a binding shareholder vote the corporation's "poison pill" share purchase rights plan by the Board of Directors;
- 12) Identify by name and corporate title in all future proxy statements those executive officers who are contractually entitled to receive in excess of \$100,000 as annual base salary, along with any additional bonuses and other cash payments due them;
- 13) Adopt resolution that the company issue a report concerning equal rights practices at one of its subsidiaries;
- 14) Adopt resolution that the company remove itself from the business of nuclear weapons;
- 15) Establish a company policy of issuing a report regarding environmental protection;
- 16) Adopt a policy whereby the company issues a report outlining its involvement in the nuclear energy business;
- 17) Amend the by-laws of the company to provide that the board of directors consist of a majority of independent non-management directors;
- 18) Provide a report detailing the company's advertising of certain cigarettes to African-Americans;
- 19) Adopt a policy whereby the company issues a report on the factory farming of animals;
- 20) Establish a committee to report on the company's advertising of its smokeless tobacco and its effect in children;
- 21) Adopt resolution that the Board of Directors refrain from providing executive compensation contingent upon a change in control of the company unless such awards are specifically submitted to the shareholders for approval;
- 22) Adopt an amendment to Articles of Incorporation whereas the Ohio Revised Code Chapter 1704 shall no longer apply to the corporation;

- 23) Establish a company policy that requires the company to make all possible lawful efforts to implement and/or increase activity on each of the nine MacBride Principles;
- 24) Adopt resolution calling for the company to report on former government officials employed by the company;
- 25) Adopt amendment whereby the company shall no longer be governed by Section 203 of the General Corporate law of the State of Delaware -- an "anti-takeover" law;
- 26) Establish a committee to report on the policy of keeping live dogs for training and demonstration;
- 27) Approve a resolution that the company no longer purchase coffee from El Salvadorian suppliers until the Salvadorian conflict is peacefully resolved;
- 28) Establish a committee to review the company's marketing of alcoholic beverages;
- 29) Issue a report regarding the company's advertising and promotions relating to cigarettes and minors;
- 30) Approve resolution whereby the worldwide distribution of cigarettes will contain warnings that it is hazardous to one's health;
- 31) Issue an annual company report of all donations and contributions made to charitable and not-for-profit organizations;
- 32) Issue a report to shareholders outlining the use of animals in the corporation's research;
- 33) Establish a policy whereby the company refrains from giving money to advocacy or service organizations that support, counsel or perform abortion;
- 34) Eliminate testing on animals not required by law and phase out products which can not be marketed without live animal testing;
- 35) Adopt a policy whereby the company will not market infant formula directly to the public, pregnant women and mothers;
- 36) Reduce and, where possible, eliminate the toxic chemicals emitted by the company's facilities in the United States and other countries;
- 37) Approve resolution that the Shareholders Rights Plan be approved by the shareholders;
- 38) Approve proposal calling for the Board to take the necessary steps to restore limited pre-emptive rights to the shareholders;
- 39) Approve resolution that the company resume contributions to the Planned Parenthood Federation of America;
- 40) Ratify a proposal whereby the company would phase out all sales and services to the State of Israel and to Israeli businesses.

The University voted for all Management proposals and for the shareholder proposals regarding South Africa. The University voted against all other shareholder proposals. Additionally, Management opposed all shareholder proposals.

The 145 corporations were:

- 1) Acuson Corporation
- 2) Advanced Micro Devices, Incorporated
- 3) Albertson's Incorporated
- 4) A.L. Laboratories, Incorporated
- 5) American Brands, Incorporated
- 6) American Electric Power Company, Incorporated
- 7) American Home Products Corporation

- 8) American Telephone and Telegraph
- 9) American Waste Services, Incorporated
- 10) Amoco Corporation
- 11) AMR Corporation
- 12) Anadarko Petroleum Corporation
- 13) Armco, Incorporated
- 14) Atlantic Southeast Airlines, Incorporated
- 15) Ball Corporation
- 16) Banc One Corporation
- 17) Bausch and Lomb, Incorporated
- 18) Bell Atlantic Corporation
- 19) Bellsouth Corporation
- 20) Bemis Company, Incorporated
- 21) The Black and Decker Corporation
- 22) Boeing Company
- 23) Bristol-Myers Squibb Company
- 24) Brown and Sharpe Manufacturing Company
- 25) Capital Cities/ABC, Incorporated
- 26) Capital Holding Corporation
- 27) Chemical Waste Management, Incorporated
- 28) Chiron Corporation
- 29) Cincinnati Milacron
- 30) Clark Equipment Company
- 31) CMS Energy Corporation
- 32) Coca-Cola Company
- 33) Community Psychiatric Centers
- 34) Consolidated Freightways, Incorporated
- 35) Control Data Corporation
- 36) Cooper Industries, Incorporated
- 37) Cooper Tire and Rubber Company
- 38) Corning Incorporated
- 39) CPC International
- 40) Crane Company
- 41) Crawford and Company
- 42) Cypress Semiconductor Corporation
- 43) Cyprus Minerals Company
- 44) Deluxe Corporation
- 45) DNA Plant Technology Corporation
- 46) Dover Corporation
- 47) DSC Communications Corporation
- 48) Durr-Fillauer Medical Incorporated
- 49) Eastern Enterprises
- 50) Ecolab Incorporated
- 51) Enron Oil and Gas Company
- 52) Equifax Incorporated
- 53) E-Systems, Incorporated
- 54) Fedders Corporation
- 55) Federal National Mortgage Association
- 56) Federal Paper Board Company Incorporated

- 57) First Alabama Bancshares, Incorporated
- 58) First Wachovia Corporation
- 59) Flightsafety International, Incorporated
- 60) FMC Corporation
- 61) Foster Wheeler Corporation
- 62) Geico Corporation
- 63) Genentech, Incorporated
- 64) General Electric Company
- 65) General Signal Corporation
- 66) Global Marine Incorporated
- 67) Granite Construction Incorporated
- 68) Great Lakes Chemical Corporation
- 69) Halliburton Company
- 70) Harley-Davidson, Incorporated
- 71) The Home Depot, Incorporated
- 72) Hon Industries Incorporated
- 73) Huntington Bancshares Incorporated
- 74) Illinois Tool Works Incorporated
- 75) Intel Corporation
- 76) Intergraph Corporation
- 77) Interlake Corporation
- 78) International Business Machines
- 79) John H. Harland Company
- 80) JWP Incorporated
- 81) Lance, Incorporated
- 82) Lawson Products, Incorporated
- 83) The Limited, Incorporated
- 84) Lincoln Telecommunications Company
- 85) Liz Claiborne, Incorporated
- 86) Loews Corporation
- 87) Mapco Incorporated
- 88) Marshall & Ilsley Corporation
- 89) Martin Marietta Corporation
- 90) Mattel, Incorporated
- 91) Merck and Company, Incorporated
- 92) Millipore Corporation
- 93) The Monarch Machine Tool Company
- 94) Morrison Knudsen Corporation
- 95) Nacco Industries Incorporated
- 96) National Education Corporation
- 97) National Presto Industries, Incorporated
- 98) NBD Bancorp, Incorporated
- 99) Newell Company
- 100) NL Industries Incorporated
- 101) NYNEX Corporation
- 102) Oklahoma Gas and Electric Company
- 103) Oshkosh B'Gosh, Incorporated
- 104) Owens-Corning Fiberglass Corporation
- 105) Pacific Telesis Group

- 106) Pennsylvania Power and Light Company
- 107) Pepsico, Incorporated
- 108) Philip Morris Companies, Incorporated
- 109) PHM Corporation
- 110) The Pittston Company
- 111) Policy Management Systems Corporation
- 112) Primerica Corporation
- 113) The Promus Companies Incorporated
- 114) Rhone-Poulenc Rorer Incorporated
- 115) Rowan Companies, Incorporated
- 116) Rubbermaid Incorporated
- 117) Ryan's Family Steak Houses, Incorporated
- 118) Safety-Kleen Corporation
- 119) Savannah Foods and Industries, Incorporated
- 120) SCE Corporation
- 121) Service Corporation International
- 122) Shared Medical Systems Corporation
- 123) The Sherwin Williams Company
- 124) Southwest Airlines Company
- 125) Southwestern Bell Corporation
- 126) SPX Corporation
- 127) Stone Container Corporation
- 128) Student Loan Marketing Association
- 129) Temple-Inland Incorporated
- 130) Torchmark Corporation
- 131) Unisys Corporation
- 132) United States Surgical Corporation
- 133) Unifrin, Incorporated
- 134) US Air Group, Incorporated
- 135) USLife Corporation
- 136) UST Incorporated
- 137) US West, Incorporated
- 138) USX Corporation
- 139) Waste Management, Incorporated
- 140) Wendy's International, Incorporated
- 141) Westmoreland Coal Company
- 142) Westinghouse Electric Corporation
- 143) Wheelabrator Technologies Incorporated
- 144) Wilmington Trust Company
- 145) W.W. Grainger, Incorporated

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**APPENDIX LXXII**

**THE OHIO STATE UNIVERSITY  
QUARTERLY CASH AND INVESTMENTS**

**Presented to the Investments Committee and  
Adopted by the Board of Trustees, May 3, 1991  
(See page 1108)**

**THE OHIO STATE UNIVERSITY**  
**Cash and Investments**

	<b>Cash and Investments (at Market) <u>3-31-91</u></b>	<b>Cash and Investments (at Market) <u>12-31-90</u></b>	<b>Cash and Investments (at Market) <u>6-30-90</u></b>	<b>Total Return for the Nine-Months Ended <u>3-31-91</u></b>
<i>University Endowment Fund</i>	\$352,038,852	\$315,192,290	\$321,880,298	6.2%
<i>Ohio State University Foundation</i>	22,101,351	20,478,720	17,483,596	6.2%
<i>Operating Funds</i>	218,600,198	203,807,562	218,654,627	5.6%
<i>Debt Service and Debt Construction Funds</i>	34,823,162	38,903,738	51,607,780	5.9%
<i>OSU Research Foundation</i>	18,090,949	17,574,251	18,074,584	5.2%
<i>Trust Funds</i>	19,211,273	15,995,808	19,057,455	7.0%
<i>Student Loan Funds</i>	5,862,184	6,349,043	5,862,175	5.3%
<i>Hospital Self Insurance Fund</i>	<u>15,577,642</u>	<u>15,345,187</u>	<u>14,803,147</u>	6.5%
<b>Total All Accounts</b>	<u>\$686,305,610</u>	<u>\$633,646,599</u>	<u>\$667,423,662</u>	

**APPENDIX LXXIII**

**THE OHIO STATE UNIVERSITY  
FOUNDATION AND DEVELOPMENT FUND RECEIPTS**

**Presented to the Investments Committee and  
Adopted by the Board of Trustees, May 3, 1991  
(See page 1108)**

THE OHIO STATE UNIVERSITY  
OFFICE OF UNIVERSITY DEVELOPMENT  
OSU FOUNDATION & DEVELOPMENT FUND RECEIPTS

July-March  
1989-90 compared to 1990-91

GIFT RECEIPTS BY DONOR TYPE

	<u>July</u> <u>1989-90</u>	Donors through March <u>1990-91</u>	<u>% Change</u>	<u>July</u> <u>1989-90</u>	Dollars through March <u>1990-91</u>	<u>% Change</u>
Alumni	30,449	34,335	13	\$7,757,527	\$12,606,628	63
Non-Alumni	15,556	17,167	10	7,396,236	8,384,492	13
Corporations	1,940	1,850	(5)	7,557,466	8,606,238	14
Corporate Foundations	247	231	(6)	1,432,466	2,459,718	72
Private Foundations	143	137	(4)	3,001,908	3,655,341	22
Other	<u>699</u>	<u>1,005</u>	44	<u>2,405,751</u>	<u>2,105,617</u>	(12)
TOTAL	49,034	54,725	12	\$29,551,354	\$37,818,034	28

**APPENDIX LXXIV**

**THE OHIO STATE UNIVERSITY  
1990-91 CURRENT FUNDS BUDGET - 3RD QUARTER REPORT**

**Presented to the Fiscal Affairs Committee and  
Adopted by the Board of Trustees, May 3, 1991  
(See page 1109)**

THE OHIO STATE UNIVERSITY  
 1990-91 CURRENT FUNDS BUDGET  
 3RD QUARTER REPORT

Summary of Proposed Resources  
 (In Millions of Dollars)

	Budgeted 1990-91	Estimated 1990-91	\$ Change	% Change
Central Campus				
Unrestricted General Funds	\$482.31	\$484.82	\$2.51	.5%
Earnings Operations	386.79	386.51	-.28	-.1%
Restricted Funds (1)	242.83	241.19	-1.64	-.7%
Total Central Campus	\$1,111.93	\$1,112.52	\$.59	.1%
Regional Campuses	31.59	29.97	-1.62	-5.1%
OARDC	35.11	33.93	-1.18	-3.4%
Grand Totals	\$1,178.63	\$1,176.42	\$-2.21	-.2%

UBP/May 3, 1991

- (1) The Restricted Funds, Estimated and Budgeted, were each increased by \$11.0 million to reflect the addition of the Transportation Research Center.

THE OHIO STATE UNIVERSITY  
 1990-91 CURRENT FUNDS BUDGET  
 3RD QUARTER REPORT

Summary of Proposed Uses  
 (In Millions of Dollars)

	Budgeted 1990-91	Estimated 1990-91	\$ Change	% Change
Central Campus				
Unrestricted General Funds	\$482.31	\$484.82	\$2.51	.5%
Earnings Operations	385.04	384.55	-.49	-.1%
Restricted Funds (1)	242.83	241.19	-1.64	-.7%
Total Central Campus	\$1,110.18	\$1,110.56	\$.38	.0%
Regional Campuses	31.47	29.91	-1.56	-5.0%
OARDC	35.11	33.93	-1.18	-3.4%
Grand Totals	\$1,176.76	\$1,174.40	\$-2.36	-.2%

UBP/May 3, 1991

- (1) The Restricted Funds, Estimated and Budgeted, were each increased by \$11.0 million to reflect the addition of the Transportation Research Center.

THE OHIO STATE UNIVERSITY  
 1990-91 CURRENT FUNDS BUDGET  
 3RD QUARTER REPORT

All Funds Resources Summary  
 (In Millions of Dollars)

	General Funds	Earnings Operations	Restricted Funds	Estimated 1990-91	Budgeted 1990-91
<b>Central Campus</b>					
State Appropriations	\$274.24	8.00	\$40.79	\$315.03	\$320.15
Student Fees	175.46	5.00	.00	180.46	175.31
<b>Other Resources</b>					
Federal Grants and Contracts (1)	18.53	.00	93.00	111.53	110.84
Ohio Grants and Contracts (1)	.48	.00	13.75	14.23	14.66
Local Grants and Contracts	.81	.00	13.50	14.31	14.28
Private Gifts and Grants (1)	4.39	.00	70.65	75.04	74.45
Endowment Income	1.55	.00	9.50	11.05	11.05
Department and University Services	.34	32.00	.00	32.34	32.38
Auxiliary Sales & Charges	.02	87.68	.00	87.70	87.44
Hospitals & CHRI Services	.00	255.09	.00	255.09	255.09
Other Sources	9.00	6.74	.00	15.74	16.28
Total Other Resources	\$35.12	\$381.51	\$200.40	\$617.03	\$616.47
Total Central Campus	\$484.82	\$386.51	\$261.19	\$1,112.52	\$1,111.93
<b>Regional Campuses</b>					
State Appropriations	13.37	.00	.03	13.40	14.19
Student Fees	11.67	.11	.00	11.78	12.23
Other Resources	.83	1.56	2.40	4.79	5.17
Total Regional Campuses	\$25.87	\$1.67	\$2.43	\$29.97	\$31.59
<b>OARDC</b>					
State Appropriations	.00	.00	21.88	21.88	23.06
Federal	.00	.00	7.75	7.75	7.75
All Other	.00	1.61	2.69	4.30	4.30
Total OARDC	8.00	\$1.61	\$32.32	\$33.93	\$35.11
<b>Total University</b>					
State Appropriations	287.61	.00	62.70	350.31	357.40
Student Fees	187.13	5.11	.00	192.24	187.54
Other Resources	35.95	384.68	213.24	633.87	633.69
Total University	\$510.69	\$389.79	\$275.94	\$1,176.42	\$1,178.63

THE OHIO STATE UNIVERSITY  
 1990-91 CURRENT FUNDS BUDGET  
 3RD QUARTER REPORT

All Funds Uses Summary  
 (In Millions of Dollars)

	General Funds	Earnings Operations	Restricted Funds	Estimated 1990-91	Budgeted 1990-91
<b>Central Campus</b>					
Educational & General (1)	\$483.46	\$37.00	\$226.83	\$745.29	\$743.98
Auxiliary Enterprises					
Residence & Dining Halls	.00	37.67	.00	37.67	38.48
Intercollegiate Athletics	.00	18.87	4.25	23.12	23.12
Other Auxiliaries	1.36	31.76	.00	33.12	32.80
Total Auxiliaries	\$1.36	\$88.30	\$4.25	\$93.91	\$94.40
University Hospitals & CHRI	.00	259.25	12.11	271.36	271.80
Total Central Campus	\$486.82	\$384.55	\$241.19	\$1,110.56	\$1,110.18
<b>Regional Campuses</b>					
Agricultural Technical Institute	5.43	.91	.55	6.89	7.59
Lima Campus	5.56	.08	.48	6.12	6.36
Manassfield Campus	4.98	.09	.55	5.62	5.72
Marion Campus	4.30	.02	.55	4.87	5.15
Newark Campus	5.60	.51	.30	6.41	6.65
Total Regional Campuses	\$25.87	\$1.61	\$2.43	\$29.91	\$31.47
OARDC	.00	1.61	32.32	33.93	35.11
Total Uses	\$510.69	\$387.77	\$275.94	\$1,174.40	\$1,176.76

(1) The Restricted Funds, Estimated and Budgeted, were each increased by \$11.0 million to reflect the addition of the Transportation Research Center.

THE OHIO STATE UNIVERSITY  
 1990-91 CURRENT FUNDS BUDGET  
 3RD QUARTER REPORT

Distribution of 1990-91 Resources  
 Central Campus, Regional Campuses & OARDC  
 (In Millions of Dollars)

	All Funds	Percent of Total	Unrestr. General(4)	Percent of Total
State Appropriations	\$350.31	29.8%	\$287.61	56.3%
Federal Grants & Contracts	119.28	10.1%	18.53	3.6%
Other Government Sources	28.54	2.4%	1.29	.3%
Student Fees				
Instructional (1)	187.13	15.9%	187.13	36.6%
Non-Credit Instruction	5.11	.4%	.00	.0%
Hospitals & CHRI Services	255.09	21.7%	.00	.0%
Other Sales / Services (2)	120.04	10.2%	.36	.1%
Private Gifts & Grants	75.04	6.4%	4.39	.9%
Endowment	11.05	.9%	1.55	.3%
Other Sources (3)	24.83	2.1%	9.83	1.9%
<b>Total</b>	<b>\$1,176.42</b>	<b>100.0%</b>	<b>\$510.69</b>	<b>100.0%</b>

- (1) Includes instructional, general, non-resident, and misc. other fees.
- (2) Includes departmental sales and services and auxiliary income such as residence and dining hall fees and parking fees.
- (3) Includes temporary investments, prior years' earnings, rental income, etc.
- (4) Excludes all earnings and restricted funds.

**APPENDIX LXXV**

**ATI - PHASE I, MECHANICAL EQUIPMENT AND HVAC CONTROLS  
ATI - PHASES II AND III, BUILDING IMPROVEMENTS, POLE BARN,  
AND LAND IMPROVEMENTS  
ATI - PHASE IV, MASONRY IMPROVEMENTS AND FOUNDATION AND  
STRUCTURAL MODIFICATIONS  
ATI - PHASE V, PARKING LOT, ROADWAY AND SIDEWALK REPLACEMENT**

**Adopted by the Board of Trustees, May 3, 1991  
(See page 1126)**

## **Employment of Architects/Engineers and Request for Construction Bids**

### Background

#### ATI - Phase I, Mechanical Equipment and HVAC Controls

This project will improve overall building controls in Halterman and Skou Halls by replacing worn and defective hot and cold water valves and controls with new simplified controls and install new discharge mode reset abilities.

#### ATI - Phases II and III, Building Improvements, Pole Barn, and Land Improvements

Phase II will address improvements in various classrooms, laboratories, offices and lounge spaces to accommodate increasing enrollment. Improvements include laboratory modifications, new wall construction and new floor and ceiling finishes in student areas. Replacement of defective double-insulated glass window panels in Skou Hall also is included. Phase III will construct a pole barn to house equipment and provide space to complete equipment repairs in inclement weather.

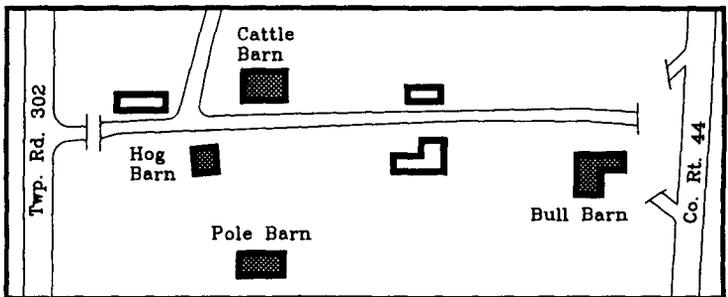
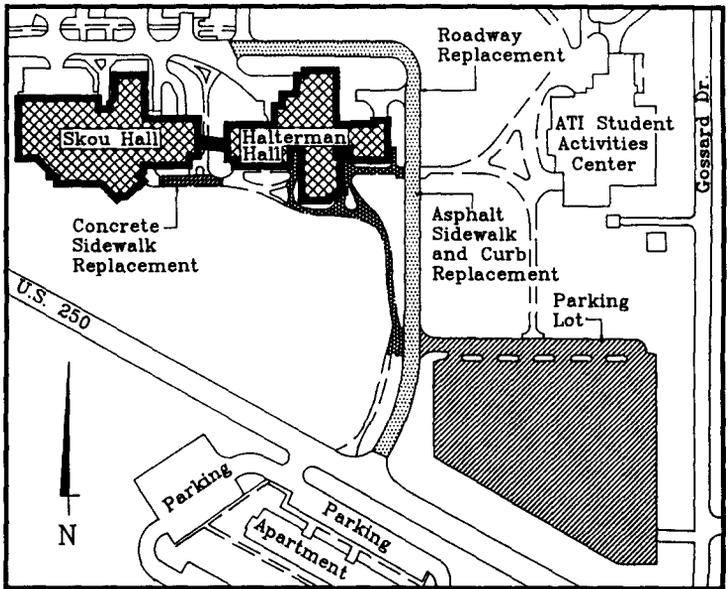
#### ATI - Phase IV, Masonry Improvements and Foundation and Structural Modifications

This project will renovate Halterman and Skou Halls' parapet and planter wells, including complete dismantling of specific walls, brick replacement, and the addition of a limestone cap. This project also will address structural problems in the foundation, walls, grade beams, and floors in the North and South Beef Barns and Swine Barn.

#### ATI - Phase V, Parking Lot, Roadway and Sidewalk Replacement

This project will patch and resurface the existing 300-space parking lot and roadway with asphalt, remove asphalt sidewalk and replace with concrete, remove the asphalt sidewalk curbing and replace specific locations with concrete, and remove and replace small segments of concrete sidewalk which have settled and cracked.

# Agricultural Technical Institute Phases I, II and III, IV, and V



Office of Business and Administration  
May 3, 1991

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**APPENDIX LXXVI**

**NEW NEUROPSYCHIATRIC FACILITY  
RHODES HALL - SURGERY HVAC REVISIONS  
OHIO UNION - PERIMETER HEATING PIPE REPLACEMENT  
PARKS HALL LABORATORY RENOVATION  
CANNON DRIVE IMPROVEMENTS**

**Adopted by the Board of Trustees, May 3, 1991  
(See page 1127)**

## **Request for Construction Bids**

### Background

#### New Neuropsychiatric Facility

This project will construct a new psychiatric facility for treatment, teaching, and research. Included in the project is demolition of the west wing of Upham Hall and construction of a 5-story building of approximately 111,660 square feet.

#### Rhodes Hall - Surgery HVAC Revisions

This project will provide new ductwork, filters, terminal re-heat boxes and humidity controls for nine Rhodes Hall surgeries. When completed, the surgeries will have Direct Digital Controls and Laser Particle Counter systems providing state-of-the-art filtered air and individual humidity control.

#### Ohio Union - Perimeter Heating Pipe Replacement

This project will replace perimeter piping system for unit "A" including converters, circulating pumps, unit heaters and finned radiation. Removal of asbestos on related piping also is included.

#### Parks Hall Laboratory Renovation

This project will renovate room 233 in Parks Hall to facilitate modern pharmacy dispensing practices. The laboratory design will include a training clean room, a small library reference section, and a small director's office. Each teaching station will include a computer and telephone for use by a two-student team. Additionally, one physically impaired student station has been designed within this laboratory.

#### Cannon Drive Improvements

This project will widen Cannon Drive to four lanes, widen the Herrick Drive Bridge, and make improvements to a section of Olentangy River Road to facilitate traffic movement associated with the planned State Route 315 exit ramp to Cannon Drive.

APPENDIX LXXVII

UNIVERSITY HALL AND WILLIAM OXLEY THOMPSON  
LIBRARY - ELEVATOR UPGRADE  
MECHANICAL IMPROVEMENTS (AGRICULTURAL ADMINISTRATION BUILDING)  
ROOF REPLACEMENTS (STILLMAN HALL)  
DENTAL INSTRUCTIONAL LAB IMPROVEMENTS

Adopted by the Board of Trustees, May 3, 1991  
(See page 1128)

**Report of Award of Contracts and  
Establishment of Contingency Funds**

Background

University Hall and William Oxley Thompson Library - Elevator Upgrade

This project will replace the door hangers and door systems on two elevators in the Thompson Library and remove existing materials and replace with non-asbestos sprayed on fireproofing material on the structural steel in the elevator hoistway of University Hall. The total project cost is \$59,050.00; funding is provided from House Bill 808. The estimated completion date is December 1991. The contract awarded is as follows:

General Contract:	General Elevator Company, Inc., Columbus, Ohio
Amount:	\$ 52,761.00
Estimate:	\$108,000.00
Total All Contracts:	\$ 52,761.00
Contingency Allowance:	\$ 4,233.00 (8% of construction cost)
Total Project Cost:	\$ 59,050.00

May 3, 1991

REPORT OF AWARD OF CONTRACTS AND ESTABLISHMENT OF CONTINGENCY FUNDS  
UNIVERSITY HALL AND WILLIAM OXLEY THOMPSON LIBRARY - ELEVATOR UPGRADES

Tabulation of Bids

Bids received by The Ohio State University on January 24, 1991. Bids opened by Tamara Bell and tabulated by Gene Hughes. Awards indicated with an "\*\*".

<u>General Contract</u>	<u>Estimate</u>	<u>General *</u>	<u>Elevators</u>	<u>Montgomery</u>
Base Bid	\$108,000.00	\$52,761.00	\$61,400.00	\$115,900.00
Total General Contract	\$108,000.00	\$52,761.00	\$61,400.00	\$115,900.00

**Report of Award of Contracts and  
Establishment of Contingency Funds (contd)**

Background (contd)

Mechanical Improvements (Agricultural Administration Building)

This project will upgrade the building environments and improve occupants' comfort by providing modifications and/or replacements of building HVAC systems in the Agricultural Administration Building. The total project cost is \$93,867.00; funding is provided from Senate Bill 336. The estimated completion date is December 1991. The contracts awarded are as follows:

HVAC Contract:	Edmonds Mechanical Contractors, Inc., Dayton, OH
Amount:	\$84,000.00
Estimate:	\$90,000.00
Electric Contract:	NOW Electric, Inc., Columbus, Ohio
Amount:	\$ 1,988.00
Estimate:	\$ 3,000.00
Total All Contracts:	\$85,988.00
Contingency Allowance:	\$ 5,159.00 (6% of construction cost)
Total Project Cost:	\$93,867.00

May 3, 1991

REPORT OF AWARD OF CONTRACTS AND ESTABLISHMENT OF CONTINGENCY FUNDS

MECHANICAL IMPROVEMENTS - AGRICULTURAL ADMINISTRATION

Tabulation of Bids

Bids received by The Ohio State University on November 15, 1990 and January 23, 1991. Bids opened by Tamara Bell and tabulated by Ray Yanscik. Awards indicated with an "\*\*".

<u>HVAC Contract</u>	<u>Estimate</u>	<u>Edmonds *</u>	<u>Miles McClellan</u>
Base Bid	\$90,000.00	\$84,000.00	\$86,500.00
Total HVAC Contract	\$90,000.00	\$84,000.00	\$86,500.00
<u>Electric Contract</u>	<u>Estimate</u>	<u>NOW *</u>	<u>Advantage</u>
Base Bid	\$3,000.00	\$1,988.00	\$3,276.85
Total Electric Contract	\$3,000.00	\$1,988.00	\$3,276.85

**Report of Award of Contracts and  
Establishment of Contingency Funds (contd)**

Background

Roof Replacements (Stillman Hall)

This project will replace roofing, insulation, and flashing on Stillman Hall. The total project cost is \$170,000.00; funding is provided from Senate Bill 336. The estimated completion date is August 1991. The contract awarded is as follows:

General Contract:	Ahner/Phinney Industrial Roofing, Sandusky, Ohio
Amount:	\$155,200.00 *
Estimate:	\$189,000.00 *
Total All Contracts:	\$155,200.00 *
Contingency Allowance:	\$ 10,696.00 (7% of construction cost)
Total Project Cost:	\$170,000.00 *

\* Recommended alternates included in these figures.

May 3, 1991

REPORT OF AWARD OF CONTRACTS AND ESTABLISHMENT OF CONTINGENCY FUNDS

ROOF REPLACEMENT - STILLMAN HALL

Tabulation of Bids

Bids received by The Ohio State University on February 7, 1991. Bids opened by Tamara Bell and tabulated by Ray Yanscik. Awards indicated with an \*\*\*.

<u>General Contract</u>	<u>Estimate</u>	<u>Ahner/ Phinnev *</u>	<u>United</u>	<u>Raleigh</u>	<u>Industrial First</u>
Base Bid	\$168,000.00	\$129,000.00	\$141,400.00	\$138,485.00	\$153,500.00
Alt. G-1 (E. Entrance)	11,000.00	9,100.00	15,000.00	18,100.00	12,100.00
Alt. G-2 (E & W Entrance)	10,000.00	17,100.00	25,000.00	25,310.00	20,450.00
Total General Contract	\$189,000.00	\$155,200.00	\$181,400.00	\$181,895.00	\$186,050.00
<u>General Contract - cont.</u>	<u>Enterprise</u>				
Base Bid	\$157,427.00				
Alt. G-1 (E. Entrance)	15,009.00				
Alt. G-2 (E & W Entrance)	20,737.00				
Total General Contract	\$193,173.00				

**Report of Award of Contracts and  
Establishment of Contingency Funds (contd)**

Background (contd)

Dental Instructional Lab Improvements

This project will renovate and enlarge Dental instructional laboratory spaces on the first and second floor of Postle Hall to accommodate dental assistants and clinical teaching. The total project cost is \$3,720,500.00; funding is provided from Senate Bill 336 (\$3,000,000.00) and Central University funds (\$720,500.00). The estimated completion date is January 1992. The contracts awarded are as follows:

General Contract:	Sherman R. Smoot Co., Columbus, Ohio
Amount:	\$1,151,800.00 *
Estimate:	\$1,992,575.00 *
Plumbing Contract:	D. E. Mechanical, Inc./C. R. Legner Company (AJV), Columbus, OH
Amount:	\$ 255,321.00 *
Estimate:	\$ 151,980.00 *
HVAC Contract:	Miles-McClellan Construction, Columbus, Ohio
Amount:	\$ 341,400.00 *
Estimate:	\$ 368,323.00 *
Electric Contract:	Advantage Electric, Columbus, Ohio
Amount:	\$ 383,374.00 *
Estimate:	\$ 561,012.00 *
Total All Contracts:	\$2,131,895.00 *
Contingency Allowance:	\$ 170,611.05 (8% of construction cost)
Moveable Equipment	\$1,000,000.00
Total Project Cost:	\$3,720,500.00

\* Recommended alternates included in these figures.

May 3, 1991

REPORT OF AWARD OF CONTRACTS AND ESTABLISHMENT OF CONTINGENCY FUNDS

DENTAL INSTRUCTIONAL LABORATORY RENOVATION

Tabulation of Bids

Bids received by the State of Ohio, Division of Public Works on December 18, 1990 and February 12, 1991. Bids opened by Geri Hendrickson and tabulated by Elizabeth Foster. Awards indicated with an "\*".

<u>General Contract</u>	<u>Estimate</u>	<u>Smoot *</u>	Miles <u>McClellan</u>	Central <u>Ohio Bldg.</u>	Cargile/ <u>Messer</u>
Base Bid	\$1,878,620.00	\$1,048,000.00	\$1,069,000.00	\$1,094,725.00	\$1,131,000.00
Alt G-1 (115/121 Ceiling)	5,168.00	13,800.00	14,000.00	12,880.00	14,000.00
Alt G-2 (180/181)	25,600.00	17,300.00	15,000.00	15,800.00	16,000.00
Alt G-3 (246/247)	40,968.00	42,900.00	49,000.00	46,500.00	41,000.00
Alt G-4 (179)	22,698.00	7,700.00	9,000.00	11,200.00	11,000.00
Alt G-5 (117,119,215 & 217)	14,521.00	15,800.00	20,000.00	14,675.00	18,000.00
Alt G-7 (Windows)	5,000.00	6,300.00	6,300.00	6,300.00	6,000.00
<b>Total General Contract</b>	<b>\$1,992,575.00</b>	<b>\$1,151,800.00</b>	<b>\$1,182,300.00</b>	<b>\$1,202,080.00</b>	<b>\$1,237,000.00</b>
Alternates not taken:					
Alt G-6 (117,119,215,217, 147,248,149,250)	\$78,406.00	\$67,000.00	\$56,000.00	\$78,800.00	\$65,000.00
<u>Plumbing Contract</u>	<u>Estimate</u>	D E Mech/ <u>Legner *</u>	Miles <u>McClellan</u>	Mandeville/ <u>Crosen</u>	
Base Bid	\$146,980.00	\$248,000.00	\$272,000.00	\$284,889.00	
Alt P-3 (246-247)	2,800.00	500.00	2,000.00	1,075.00	
Alt P-5 (117,119,215,217)	2,200.00	6,821.00	16,000.00	14,787.00	
<b>Total Plumbing Contract</b>	<b>\$151,980.00</b>	<b>\$255,321.00</b>	<b>\$290,000.00</b>	<b>\$300,751.00</b>	
Alternates not taken:					
Alt. P-6 (147,248,149,250)	33,000.00	7,000.00	25,000.00	13,989.00	
<u>HVAC Contract</u>	<u>Estimate</u>	Miles <u>McClellan *</u>			
Base Bid	\$347,073.00	\$320,000.00			
Alt H-1 (115,121)	15,000.00	10,000.00			
Alt H-2 (180, 181)	500.00	2,000.00			
Alt H-3 (246,247)	5,000.00	5,000.00			
Alt H-4 (179)	750.00	4,400.00			
<b>Total HVAC Contract</b>	<b>\$341,400.00</b>	<b>\$268,323.00</b>			
Alternates not taken:					
Alt H-6 (117,119,215,147 248,149,250)	\$7,000.00	\$6,400.00			
<u>Electric Contract</u>	<u>Estimate</u>	<u>Advantage *</u>	NOW/ <u>Romanoff</u>		
Base Bid	\$525,262.00	\$317,473.00	\$499,960.00		
Alt E-1 (115,121)	14,000.00	15,247.00	18,000.00		
Alt E-2 (180,181)	4,000.00	14,014.00	3,335.00		
Alt E-3 (246,247)	17,000.00	21,477.00	15,650.00		
Alt E-4 (179)	750.00	15,163.00	1,910.00		
<b>Total Electric Contract</b>	<b>\$383,374.00</b>	<b>\$561,012.00</b>	<b>\$538,855.00</b>		

Alternates not taken:

Alt E-6 (117,119,215,217,  
147,248,149,250)

\$7,000.00

\$14,121.00

\$14,275.00

**APPENDIX LXXVIII**

**1000 KINNEAR ROAD  
COLUMBUS, OHIO**

**Adopted by the Board of Trustees, May 3, 1991  
(See page 1129)**

## **Lease of Land and Improvements**

1000 Kinnear Road  
Columbus, Ohio

### Background

#### Description and Location

The property consists of approximately 5.011 acres of land located at 1000 Kinnear Road in Columbus, Ohio. The property is situated at the northwest corner of the intersection of Kinnear and Kenny Roads, just east of the University's Research Park facilities and just south of the West Campus area. The property is zoned for light manufacturing.

The one-story building contains about 50,800 gross square feet. Constructed in 1941, it was "gutted" and given a shell renovation in 1990. The renovation included new windows and doors, roof, HVAC, electrical service, parking areas, underground communications conduit, and repointed exterior brick. The interior is almost completely open.

#### Appraised Value and Lease Terms

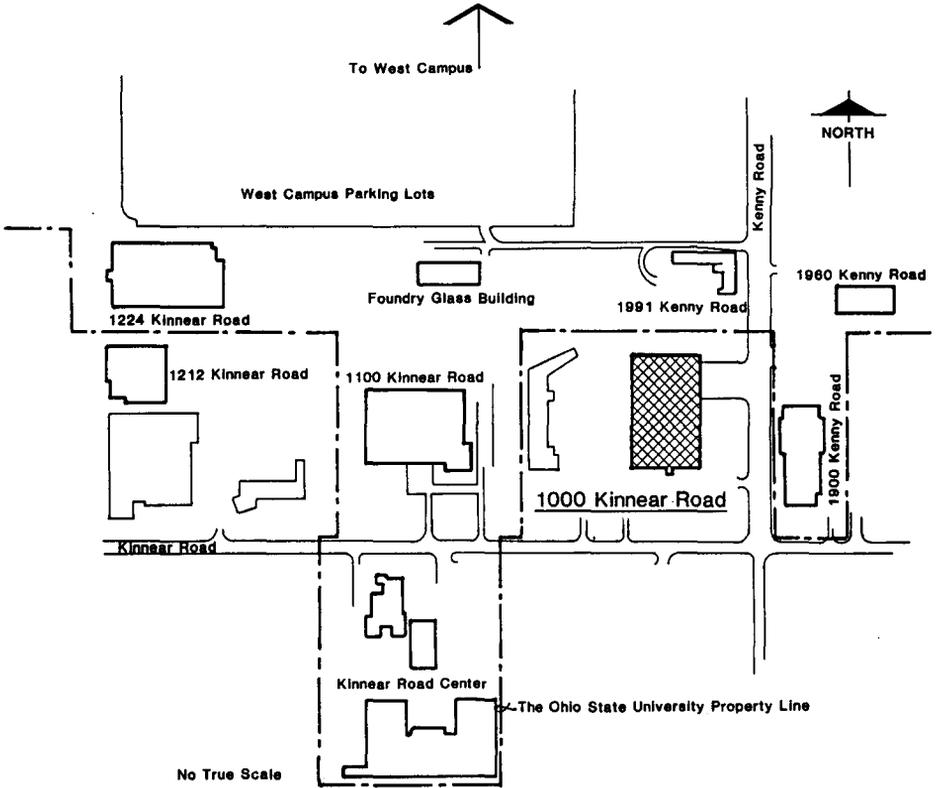
In October 1990, the University obtained an MAI appraisal from Anthony Mollica and Associates placing the fair market value of the property at \$3,550,000.00, and the fair market rental value at \$8.00 to \$8.50 per square foot, both including a tenant finish allowance of \$25.00 per square foot. A second MAI appraisal done in February 1991, by Nash-Wilson Associates valued the property at \$3,600,000.00 and the fair market rental value at \$8.75 per square foot, both including a \$20.00 per square foot tenant finish allowance.

The owners of the property, Kinnear Research Associates, have offered to lease the property to the University for ten years, at an initial rate of \$8.75 per square foot (triple net basis), with rent beginning in the seventh month or earlier if the tenant improvements are completed earlier, and increasing by 9.3 percent every three years. The lease includes an option to purchase the property any time after three years after the commencement of the lease (which would be May 15, 1991). The purchase price would be \$3,600,000.00, as of now, escalated by 0.375 percent per month (4.5 percent per year). Both the lease rate and the purchase price include a \$20.00 per square foot tenant finish allowance.

#### Use of the Property

This property would provide much needed space for Research Park, sponsored research, and other University programs, and its acquisition would enable the University to control a strategic area at a major entrance to the Columbus campus. The property would be managed by the Property Management Division and subleased to University and Research Park tenants. Rental payments from the subtenants would cover lease payments, operating expenses, improvements, start-up costs, and (if the option is exercised) purchase costs. Initial rental rates to University subtenants would be approximately \$13.50 per gross square foot.

# 1000 KINNEAR ROAD



Office of Business and Administration  
May 3, 1991

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APPENDIX LXXIX  
Degrees Conferred at  
THE OHIO STATE UNIVERSITY  
COMMENCEMENT CONVOCATION  
June 14, 1991

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## Commencement Address

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### E. Gordon Gee

E. Gordon Gee became the 11th president of The Ohio State University on September 1, 1990.

A native of Utah, Gee received his bachelor's degree in history from the University of Utah in 1968 and a law degree and doctorate in education from Columbia University in 1971 and 1972, respectively. At Columbia, he was a Harlan Fiske Stone Scholar and a Kellogg Fellow.

Returning to the University of Utah in 1973, Gee served as assistant law dean for one year before becoming a judicial fellow and senior staff assistant in the chambers of the Chief Justice of the United States from 1974 to 1975. He then joined the faculty of the J. Reuben Clark Law School at Brigham Young University, serving as associate law dean and professor of law from 1975 to 1979.

In 1979, Gee was named dean of the law school at West Virginia University, and, in 1981, became president of West Virginia, a state-assisted institution with two campuses and 20,000 students. Four years later, he became the 15th president of the University of Colorado, another state-assisted institution with four campuses and 41,000 students.

A recipient of a number of prestigious honors in the fields of law and education, Gee has authored or co-authored six books, including *Information Literacy: Revolution in the Library*, which won the American Library Association G. K. Hall Award in 1990 for the outstanding contribution to library literature.

## Recipients of Honors

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### **William N. Lipscomb, Jr.** **Doctor of Science**

One of America's foremost scientists, William N. Lipscomb, Jr.'s work spans the range of modern chemistry from his pioneering research on the molecular structures and bonding of boron hydrides to his current studies of enzyme mechanisms.

Dr. Lipscomb received his bachelor of science degree from the University of Kentucky in 1941 and his doctorate from the California Institute of Technology in 1946, where his major thesis adviser was Linus Pauling. He was a member of the physical chemistry faculty at the University of Minnesota from 1946 until 1959, when he joined the faculty of Harvard University as professor of chemistry. He served as chair of Harvard's chemistry department from 1962 to 1965 and currently is Abbott and James Lawrence Professor.

When Dr. Lipscomb began his work on boron hydrides, little was known of these unusual man-made molecules. He and his group of researchers were able to provide the first clear picture of the forces holding boron hydrides together. In 1976, Dr. Lipscomb received the Nobel Prize in Chemistry for this seminal research, combining theoretic and experimental organic and inorganic chemistry.

Dr. Lipscomb's scholarly activities are now focused on the relationship of three-dimensional structure and function as applied to enzymes and other proteins—research with major biomedical implications.

His scientific achievements have been recognized throughout the world. He is an elected member of the National Academy of Sciences, a fellow of the American Academy of Arts and Sciences, an honorary member of the Chemical Society (London), a foreign member of the Netherlands Academy of Arts and Sciences, a member of the Academie Europeenne des Sciences, des Arts et des Lettres (Paris), and an honorary fellow of the Royal Society of Chemistry (London).

Because of his sustained excellence as a researcher and his extraordinary ability, Dr. Lipscomb has the universal admiration of the international scientific community. Ohio State is proud to add its recognition to his many honors.

### **Wendell W. Ellenwood** **Distinguished Service Award**

For a quarter of a century, Wendell W. Ellenwood dedicated himself to serving the University community as director of the Ohio Unions. One of the true pioneers of student unions, he ensured that the Ohio Unions kept pace with changing populations and needs.

A 1943 graduate of Ohio State, Mr. Ellenwood lived in the Stadium Scholarship Dormitory throughout his undergraduate years. He then served with the U.S. Third Army field artillery.

After the war he returned to Ohio State, earning his master's degree in public administration in 1947. During his 11 years of service with the U.S. Civil Service Commission, he continued to work for his alma mater as volunteer director of Ohio State Development Fund campaigns in Cincinnati, Dayton, and Washington, D.C.

In 1958, he was named director of the Ohio Union at Ohio State. During his tenure, he oversaw an impressive number of student-oriented cultural, educational, and entertainment programs, including the Creative Arts Program of informal, non-credit courses, the Medieval and Renaissance Festival, the Creative Arts Festival, International Students Festival, and many more.

As the campus grew and enrollment increased, Ellenwood developed plans for the Drake Union, which opened in 1972 on the banks of the Olentangy River. Two years later, he initiated the first contract food service mall in any college union, a concept that has been widely copied throughout the country.

Mr. Ellenwood helped found five new Ohio State alumni clubs: Ohio Staters, the Stadium Scholarship Dormitories, TBDBITL (Marching Band), Army ROTC, and Ohio Union Activities. He was a recipient of The Ohio State University Centennial Award in 1970 and is an honorary member of Sphinx, Ohio State's senior honorary society.

For his incomparable contributions to his University as student, counselor, alumnus, and administrator, Ohio State is proud to recognize Wendell Ellenwood with its Distinguished Service Award.

## Recipients of Honors

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### **Albert J. Kuhn** **Distinguished Service Award**

A highly respected academician and a skilled administrator, Albert J. Kuhn has served Ohio State with distinction for nearly four decades.

Dr. Kuhn began his academic career at Ohio State in 1954 having received his bachelor's degree in English from the University of Illinois and his doctorate in English literature from Johns Hopkins University. He moved rapidly through the academic ranks, becoming full professor of English in 1965 and serving as chair of the Department of English from 1964 to 1971.

During his years in the English department, Dr. Kuhn's creativity and energy were evident in his teaching and his committee work. He served on the University Library Council, the University Athletic Council, the Executive Committee of the Colleges of the Arts and Sciences, and The Ohio State University Press Editorial Board, among other major committees. He has published essays and articles on 18th and 19th century English intellectual history and literature and has edited three books.

In 1971, he accepted the position of acting provost and vice president for academic affairs, and was named provost in 1972, serving with sensitivity throughout that volatile period until 1979. That year he planned to return to teaching, hoping to end his academic career as it began. However, in 1986 his colleagues persuaded him to accept the leadership of the University Honors Center. His highly regarded reputation for academic integrity and his commitment to excellence were basic to the expansion and increased visibility of the Undergraduate Honors Program.

Dr. Kuhn retired from full-time service in 1989. As professor emeritus, he continues to give occasional readings and talks at the Honors Center, which now bears his name.

Ohio State is proud to recognize the many and varied achievements of this distinguished man of letters and is profoundly grateful for his years of service.

### **Paul E. Watkins** **Distinguished Service Award**

A love of learning and a steadfast loyalty to his alma mater are ingrained in the life of Paul E. Watkins.

A 1958 graduate of Ohio State's College of Pharmacy, Mr. Watkins immediately went to work for the Student Book Exchange (SBX), which he now manages. Over the years, he has consistently shared his knowledge of books and the publishing industry to benefit the University.

As a generous, committed, and well-informed supporter of the humanities at Ohio State, Mr. Watkins has given unstintingly of his time, his counsel, and his resources to such units as the College of Humanities, the Department of Classics, the Center for Epigraphical Studies, the Department of English, the Department of Philosophy, the Logan Elm Press, and the University Libraries, among others.

He has served for seven years on the College of Humanities Development Council and has been instrumental in strengthening lines of communication between the University, its alumni, and the greater community. In his professional position, he has shown his commitment to the humanities by regularly stocking the scholarly works of Ohio State faculty.

His ties with the University Libraries are especially enduring. A member of the board of Friends of the Libraries for three years, he was elected president for a one-year term and then agreed to serve two additional terms. His willingness to serve the libraries manifests itself in countless hours devoted to the Friends' semi-annual book sales and other programs. In addition, he has quietly provided resources for many library needs.

With his wife, Sandra, he is serving as the 1991 Ohio State Parents Fund volunteer chair.

For his unflinching support and dedication to ensuring a dynamic community for scholars, Ohio State is proud to recognize Paul E. Watkins with its Distinguished Service Award.

## Recipient of Honors

---

### **Robert J. Watkins** **Distinguished Service Award**

A dynamic leader, generous supporter, and caring alumnus, Robert J. Watkins has proven his firm friendship for Ohio State many times over.

Mr. Watkins received his bachelor of arts and law degrees from Ohio State in 1951 and 1953 respectively. After a two-year stint as legal officer with the U. S. Army, Watkins joined the Procter & Gamble Company in Cincinnati as a legal assistant in 1956. He served in several legal capacities before becoming associate legal counsel in 1979, a position he held until his retirement ten years later. He currently is an attorney with the Cincinnati office of Porter, Wright, Morris & Arthur.

An active alumnus since his graduation, Mr. Watkins has been a stalwart supporter of the College of Law, helping to shape its future through 15 years' service on the college's National Council. He has played a leadership role in the Law Centennial Campaign, serving on the executive committee of the Henry Folsom Page Society, directing campaign strategy and soliciting fellow alumni.

He has served more than 21 years on various boards, executive committees, and councils for Ohio State's Development Fund and for The Ohio State University Campaign. A longtime member of Ohio State's Presidents Club, he served on its Executive Committee for two consecutive three-year terms and chaired the committee for the last two years of his term, presiding over numerous occasions with wit and skill.

Mr. Watkins provides a strong Ohio State presence in the Cincinnati area, instilling others with enthusiasm for his alma mater and aiding the College of Law with admissions and placement activities. During The Ohio State University Campaign, he provided invaluable advice as volunteer chair for the Cincinnati region.

For providing a benchmark for alumni commitment and service to the University, Ohio State is proud to recognize Robert J. Watkins with its Distinguished Service Award.

## The Graduate School

Dean: Roy E. Koenigsnecht

### Doctor of Musical Arts

**Kim Sharon Ellis**, Rockford, IL; B.Mus.Ed. (Illinois Wesleyan University); M.Mus. (Bowling Green State University); *Music*  
Dr. Judith K. Delzell

**Ian Glenn Hominick**, Nova Scotia, Canada; B.Mus. (Mount Allison University); M.Mus. (Bowling Green State University); *Music*  
Dr. Jerry E. Lowder

**Seonmi Koh**, Seoul, South Korea; B.Mus. (Ewha Women's University); M.Mus.; *Music*  
Dr. Helen C. Swank

**Linda Hofstetter Nolan**, Dublin; B.Mus., M.Mus.; *Music*  
Dr. A. Peter Costanza

**David Matthew Shockey**, Levittown, PA; B.S. (Roberts Wesleyan College); M.Mus. (University of Rochester); *Music*  
Dr. Helen C. Swank

### Doctor of Philosophy

**Wayne L. Akey, Jr.**, Institute, WV; B.S. (Purdue University); M.S. (Case Western Reserve University); *Education*  
Dr. Alan R. Osborne

**Yousef Ibrahim Alamoud**, Riyadh, Saudi Arabia; B.A. (Riyadh University); M.A. (University of Wisconsin at Madison); *Art Education*  
Dr. Nancy P. MacGregor

**William A. Amponsah**, Accra, Ghana; B.S. (Berea College); M.S. (University of Kentucky); *Agricultural Economics and Rural Sociology*  
Dr. Leroy J. Hushak

**Gail Thelma Arch**, Columbus; B.A. (Wheaton College); M.A.; *Labor and Human Resources*  
Dr. Riad A. Ajami

**Tin Aung**, Yangon, Myanmar; Bachelor's (Institute of Agriculture); M.S. (Mississippi State University); *Agronomy*  
Dr. R. Corey Bates

**Susan Jane Baily**, Lebanon; B.S.Nurs. (Miami University); M.S., M.A.; *Health, Physical Education and Recreation*  
Dr. R. Corey Bates

**James Wesley Baker**, Springfield; B.A. (Bob Jones University); M.A. (University of South Carolina); *Communication*  
Dr. William R. Brown

**Steven Matisons Banks**, Chicago, IL; B.S., M.S. (University of Illinois at Urbana); M.A.; *Geography*  
Dr. Emilio Casetti

**Patricia Marie Barbetta**, Mather, PA; B.S., M.Ed. (California State College); Certificate (Slippery Rock State College); *Education*  
Dr. Timothy E. Heron

**Lorrie Christina Blair**, Glouster; B.F.A., M.A. (Ohio University); *Art Education*  
Dr. Terry M. Barrett

**France Boutin**, Manitoba, Canada; B.F.A. (University of Ottawa); M.A. (State University of New York College at Plattsburgh); *Education*  
Dr. Elizabeth B. Bernhardt, Dr. Gilbert A. Jarvis

**David William Boyd**, Marysville; B.S. (Cornell University); M.S. (Stanford University); M.A.; *Economics*  
Dr. Howard P. Marvel

**Stephen Mark Bratkovich**, Columbus; B.S. (Pennsylvania State University); M.S. (University of New Hampshire); *Agricultural Education*  
Dr. Larry E. Miller

**Melanie Susan Brodnik**, Bexley; B.S. (Loma Linda University); M.S. (State University of New York at Buffalo); *Education*  
Dr. Ayres G. D'Costa

**Karen Aldred Card**, Columbus; B.S. (Fitchburg State College); M.A. (Bowling Green State University); *Education*  
Dr. William Moore

**We-Fen Florence Chai**, Taipei, Taiwan, R.O.C.; Bachelor's (National Taiwan University); *Economics*  
Dr. Patricia B. Reagan

**Jeanette Kay Chambers**, Lima; B.S. (University of Wisconsin-Madison); M.S.; *Education*  
Dr. David L. Boggs

**Hsiu-Hwa Chang**, Feng-Shan, Taiwan, R.O.C.; Bachelor's (National Sun Yat-Sen University); M.S.; *Chemistry*  
Dr. Russell M. Pitzer

**Ye-In Chang**, Taipei, Taiwan, R.O.C.; Bachelor's (National Taiwan University); M.S.; *Computer and Information Science*  
Dr. Ming-Tsan Liu

**Harvey Charles**, Reno, NV; B.A. (Caribbean Union College); M.A. (Andrews University); *Education*  
Dr. Robert F. Rodgers

**Wen Shyen Chen**, Taichung, Taiwan, R.O.C.; B.S. (National Taiwan University); M.S.; *Computer and Information Science*  
Dr. Ming Tsan Liu

**Sungbong Cho**, Columbus; Bachelor's (Dongguk University); Master's (Yonsei University); *Economics*  
Dr. Howard P. Marvel

**Myung-Sub Chung**, Seoul, South Korea; B.A. (Gyeong Sang National University); M.A. (Seoul National University); *Food Science and Nutrition*  
Dr. David B. Min

**Young Hee Chung**, Daegu, South Korea; B.A. (Sogang National University); M.A. (Indiana University); M.A.; *Linguistics*  
Dr. David Odden

**Jong-Pyng Michael Chyuan**, Taipei, Taiwan, R.O.C.; Bachelor's, Master's (National Taiwan Normal University); *Education*  
Dr. Arthur L. White

**Gretchen Sarah Cline**, Columbus; B.A. (Kenyon College); M.A.; *English*  
Dr. Walter A. Davis

**Jill Bonham Costa**, Mahtomedi, MN; *Chemistry*  
Dr. Derek Horton

**David William Cullin**, Topton, PA; B.S. (University of Pittsburgh); M.S.; *Chemistry*  
Dr. Terry A. Miller

**Steve Richard Daniewicz**, Yuma, AZ; B.S.W.E. (Arizona State University); M.S.; *Mechanical Engineering*  
Dr. Jack A. Collins

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**Bradley Wayne Damewood**, Urbana; B.S.Bus.Adm.; *Business Administration*

**Michael Christopher Daniels**, Lima; B.S. (Ohio Northern University); *Business Administration*

**Garistine Michelle Davis**, Fayetteville, NC; B.S. (Saint Augustine's College); *Business Administration*

**Lena Sue Denio**, Columbus; B.S.Al.Hth.Prof.; *Business Administration*

**Geun Woo Doe**, Taegu, South Korea; B.A. (Korea University); M.A. (Hitotsubashi University); *Business Administration*

**Michael Patrick Downs**, Grosse Pointe Farms, MI; B.S.Bus.Adm.; *Business Administration*

**Nancy Reeb Driggs**, Hilliard; B.S.Bus.Adm.; *Business Administration*

**Guy Arlis Ethridge**, Westerville; B.S. (Brigham Young University); *Business Administration*

**Troy Michael Farnlacher**, Marysville; B.A. (Otterbein College); *Business Administration*

**Peter John Ferguson**, Toledo; B.A. (University of Toledo); *Business Administration*

**N. Lonnie Fetchen**, Pickerington; B.S. (Fairleigh Dickinson University); *Business Administration*

**Michael Steven Finney**, Columbus; B.S. (Bowling Green State University); *Business Administration*

**Gregory Jude Forsthoefel**, Tecumseh, MI; Bachelor's (University of Detroit); M.S. (Wayne State University); *Business Administration*

**Edward Arthur Frantz**, Upper Sandusky; B.A.; *Business Administration*

**Raymond Joseph Garcia**, Canton; B.S., M.S., J.D. (University of Akron); *Business Administration*

**Marshall Gail Geib**, Garden City, NY; B.A. (Bucknell University); *Business Administration*

**Ricky Dean Gildow**, Bellefontaine; B.A. (Findlay College); *Business Administration*

**Alison Hart Glenn**, Dayton; B.A., B.S. (Pennsylvania State University); *Business Administration*

**Richard Langford Gunter, Jr.**, Columbia, SC; B.S. (Indiana University); *Business Administration*

**Peter Anthony Guzzo**, Columbus; B.S. (Miami University); *Business Administration*

**Dean Eldon Haberkamp**, New Knoxville; B.S.Bus.Adm.; *Business Administration*

**Nancy Gray Hagemeyer**, Columbus; B.S. (Miami University); *Business Administration*

**Frances Louise Haldar**, Mansfield; B.S.Bus.Adm.; *Business Administration*

**Suzanne Elizabeth Hamilton**, Columbus; B.S. (Otterbein College); *Business Administration*

**Reginald Bernard Hammond**, Albany, GA; B.S. (Albany State College); *Business Administration*

**Sarah Jeannette Harms**, Columbus; B.A. (Marquette University); *Business Administration*

**George Jeffrey Harper**, Chillicothe; B.S.Bus.Adm.; *Business Administration*

**James Matthew Harris**, Centerville; B.S. (Miami University); *Business Administration*

**Ricardo Jose Harris**, Cleveland; B.S.Bus.Adm.; *Business Administration*

**Craig Alan Hart**, Wadsworth; *Business Administration*

**Kathryn Ellen Harvey**, Fairborn; B.S.Bus.Adm.; *Business Administration*

**Carol J. Haynes**, Columbus; B.S. (Miami University); *Business Administration*

**Sandra E. Heimberg**, Cincinnati; B.S. (University of Cincinnati); *Business Administration*

**David Stephen Heutel**, Columbus; B.A. (Southern Methodist University); *Business Administration*

**Karen Covault Hill**, Dublin; B.S.Al.Hth.Prof.; *Business Administration*

**Verlin L. Horn**, Columbus; B.A. (Capital University); *Business Administration*

**Robert Joseph Howlett**, Worthington; B.S.Bus.Adm.; *Business Administration*

**Frederic David Hubley**, Appleton, WI; B.A. (University of Wisconsin); *Business Administration*

**Eugene Hudock**, Columbus; B.S.E.E.; *Business Administration*

**Eric Grove Hyre**, Columbus; B.S. (Purdue University); *Business Administration*

**Mark Jay Irvine**, Columbus; B.S.Bus.Adm.; *Business Administration*

**Mark Richard Irwin**, Newton Falls; Bachelor's (Kent State University); *Business Administration*

**Carolyn Williams Jacob**, Worthington; B.A. (Chatham College); *Business Administration*

**William Peter Jacob**, Worthington; B.S. (Carnegie-Mellon University); *Business Administration*

**Perry Leonard Jennings**, Cleveland; B.S. (Oakwood College); *Business Administration*

**Gisle John Joergensen**, Columbus; B.S.C.I.S.; *Business Administration*

**James Eric Jones**, Dublin; B.S. (Bowling Green State University); *Business Administration*

**Kevin James Kane**, Columbus; B.A. (University of Illinois); *Business Administration*

**Jane Elizabeth Kayser**, Mt. Vernon; B.A. (Bowling Green State University); *Business Administration*

**William Cephas Kelley III**, Gahanna; B.S.Pharm.; *Business Administration*

**John Joseph Kelly**, Newark; B.S.I.S.E.; *Business Administration*

**Michael Patrick Kelly**, Cincinnati; B.S.Bus.Adm.; *Business Administration*

**Teresa Santon Kernan**, Worthington; B.S. (Youngstown State University); *Business Administration*

**Christopher T. Key**, Worthington; B.S.Pharm.; *Business Administration*

**George Robert Knoske**, Columbus; B.S.Bus.Adsm.; *Business Administration*

**Patrick James Knott**, Delaware; B.S.Bus.Adsm.; *Business Administration*

**John Joseph Kondratowicz**, Camillus, NY; B.S. (Syracuse University); *Business Administration*

**Demetrios Xenophontos Koulas**, Larnaca, Cyprus; B.S.; *Business Administration*

**David Anthony Kralic**, Columbus; B.S.C.I.S.; *Business Administration*

**Douglas Krezan**, Columbus; B.A. (Sonoma State University); *Business Administration*

**Chee Kian Kuo**, Johore, Malaysia; B.S.C.I.S.; *Business Administration*

**Jeffrey Eric Kuzma**, Columbus; B.A.; *Business Administration*

**Thaddeus J. Kwiatkowski**, Columbus; B.S.Bus.Adsm.; *Business Administration*

**Hyun-Soo Kwon**, Seoul, South Korea; B.A. (Yonsei University); *Business Administration*

**John Bradley Lang**, Sidney; B.A. (University of Miami); *Business Administration*

**Kenneth Allan Larkey**, Berea; B.S. (Bowling Green State University); *Business Administration*

**Craig Nelson Laughlin**, Dublin; B.A. (University of Cincinnati); *Business Administration*

**Melissa Renee Laughlin**, Reno, NV; B.A. (University of North Carolina); *Business Administration*

**Sungtaik Lee**, Seoul, South Korea; B.A. (Chonnam National University); *Business Administration*

**Jane Denise Lind**, Columbus; B.A. (Ohio University); *Business Administration*

**Keith Edward Logan**, Dublin; B.S. (Muskingum College); *Business Administration*

**Roger George Long**, Edon; B.S.Ed., B.S.C.E., B.S.C.I.S.; *Business Administration*

**Michael Thomas Malone**, Cincinnati; B.S.I.S.E.; *Business Administration*

**John Edward Maloney**, Dayton; B.S.Bus.Adsm.; *Business Administration*

**Antonio Mann**, Hartford, CT; B.S. (Morehouse College); *Business Administration*

**Jill Deann Mathias**, Hummelstown, PA; B.S. (University of Pittsburgh); *Business Administration*

**Barbara Lynn Mazzoni**, Wakeman; B.S.Ai.Hth.Prof.; *Business Administration*

**Timothy Patrick McGraw**, Columbus; B.S.Bus.Adsm. (Miami University); *Business Administration*

**Andrew Thomas Meadows**, Macedonia; *Business Administration*

**Elizabeth Stewart Means**, Milwaukee, WI; B.S. (University of Wisconsin-Madison); *Business Administration*

**Robert Xavier Medonis, Jr.**, Mt. Lebanon, PA; B.A. (Kenyon College); *Business Administration*

**Steven James Messerly**, Stow; B.S. (University of Akron); *Business Administration*

**Scott Allen Michael**, Lima, B.A. (Findlay College); *Business Administration*

**Stephanie Michelle Miller**, Columbus; B.S. (Heidelberg College); *Business Administration*

**Fariba Mirafzali**, Ann Arbor, MI; B.A. (University of Michigan); *Business Administration*

**Mark Edward Miskie**, Massillon; B.A. (Pennsylvania State University); *Business Administration*

**Paula Glantz Monaco**, Canton; B.S.I.S.E.; *Business Administration*

**Michael Gray Moore**, Parma; B.A. (Florida State University); *Business Administration*

**Jeffrey Connor Moritz**, Columbus; B.A. (Kenyon College); *Business Administration*

**Eileen Marie Mudd**, Westerville; B.A. (College of Mount Saint Joseph); *Business Administration*

**David Knight Murray**, Worthington; B.S.E.E. (University of Oklahoma); *Business Administration*

**Richard Edward Nelson, Jr.**, Hollidaysburg, PA; Bachelor's (Villanova University); *Business Administration*

**Melanie Anne Newcome**, Dayton; B.S. (University of Dayton); M.S. (Wright State University); *Business Administration*

**Nicholas Drake Newman**, Ann Arbor, MI; B.S. (Miami University); *Business Administration*

**Gail Elizabeth Newsom**, Denver, CO; B.S. (University of Colorado); *Business Administration*

**Paul David Norris**, Cincinnati; B.S.M.E.; *Business Administration*

**John Charles Ogle**, Columbus; B.S. (University of Southern California); *Business Administration*

**Masahiko Ohama**, Nara, Japan; Bachelor's (Kyoto University); *Business Administration*

**Alex C. Orton**, Tooele, UT; B.S. (University of Utah); *Business Administration*

**Chung Kwong Pang**, Hong Kong, Hong Kong; B.A. (University of Maryland); *Business Administration*

**Seungwook Park**, Seoul, South Korea; B.A. (Yonsei University); *Business Administration*

**Robert Martin Parsley**, Granville; B.S.Bus.Adsm.; *Business Administration*

**Bethel Regan Pentel**, Cleveland; B.S. (John Carroll University); *Business Administration*

**Michael Stephen Potosky**, Lancaster; B.S.E.E. (Cleveland State University); *Business Administration*

**Beth Ann Powers**, Nashport; B.S.Bus.Adsm.; *Business Administration*

**Kasem Prunratanamala**, Bangkok, Thailand; B.Eng. (Chulalongkorn University); *Business Administration*

**Maribeth Quinn**, Sterling, VA; B.S. (Virginia Polytechnic Institute and State University); *Business Administration*

**Keith Henry Raker**, Granville; B.A. (University of Richmond); *Business Administration*

**Lisa Marie Randall**, Dublin; B.S. (Ohio Northern University); *Business Administration*

**Gina Marie Razum**, Poland; B.S. (Pennsylvania State University); *Business Administration*

**Andrea Sevia Reed**, Olar, SC; B.S. (Voorhees College); *Business Administration*

**Catherine Kirk Reid**, Westerville; B.S. (State University of New York at New Paltz); *Business Administration*

**Leo Edwin Renner**, New Philadelphia; B.S.Bus.Adsm.; *Business Administration*

**Steven Lee Rhodes**, Findlay; B.S. (Bowling Green State University); *Business Administration*

**Andrew James Roberts**, Columbus; B.S.Bus.Adsm.; *Business Administration*

**Jeffrey Allen Roberts**, Zanesville; B.A. (Siena Heights College); *Business Administration*

**James I. Rodriguez**, Ashtabula; B.S.Bus.Adsm.; *Business Administration*

**Martin Rodriguez**, Baldwin Park, CA; B.S.M.E. (University of Southern California); *Business Administration*

**Harper Andrew Roehm, Jr.**, Dayton; B.S. (Miami University); *Business Administration*

**Aurelia C. Ross**, Cincinnati; B.S. (University of Cincinnati); *Business Administration*

**Gary James Ross**, Ashtabula; B.S. (Kent State University); *Business Administration*

**Allan Edward Roth**, Columbus; B.A., J.D.; *Business Administration*

**Jack Arthur Salvato**, Westerville, B.A. (Rockhurst College); M.S. (University of Missouri); *Business Administration*

**Michael Edward Schmidt**, Columbus; B.S.I.S.E.; *Business Administration*

**Julie Ann Schwaderer**, Powell, B.S. (Liberty University); *Business Administration*

**Jennifer Lynn Schveri**, Columbus; B.S. (University of Cincinnati); *Business Administration*

**Chad John Severson**, Brantwood, WI; B.S. (United States Air Force Academy); *Business Administration*

**Gregg Patrick Shea**, Calumet, MI; B.S. (Michigan Technological University); *Business Administration*

**Bruce William Shively**, Fletcher; B.S.Bus.Ad.; *Business Administration*

**Patricia N. Simon**, New Holland; B.A. (Wittenberg University); *Business Administration*

**David Louis Skidmore**, Worthington; B.S.Bus.Ad.; *Business Administration*

**Michael Raymon Slyby**, Wilmington; B.S. (Bowling Green State University); *Business Administration*

**Eric William Steensen**, Hilliard; B.S.I.S.E.; *Business Administration*

**Elizabeth Marie Stewart**, Westlake; B.S. (Georgetown University); *Business Administration*

**Michael Scott Stone**, Bexley; B.S. (Miami University); *Business Administration*

**Sara J. Strock**, Columbus; B.Mus. (Bowling Green State University); *Business Administration*

**Stephen Edward Stuckwisch**, Dublin; B.A. (Hanover College); *Business Administration*

**Sara Crist Summer**, Columbus; B.A. (Marietta College); *Business Administration*

**Theodore Joseph Taggart**, Kettering; B.S. (Miami University); *Business Administration*

**Koichi Tamagaki**, Kobe, Japan; Bachelor's (Kwansei Gakuin University); *Business Administration*

**Cynthia Lund Temple**, Columbus; A.B. (Duke University); *Business Administration*

**Mark Samuel Tochtenhagen**, McDonald; B.S.; M.S. (Wright State University); *Business Administration*

**Dennis Manabu Tomisaka**, Dublin; B.S. (University of California-Berkeley); Master's (Arizona State University); *Business Administration*

**Bruce Anthony Robert Tomlinson**, Melbourne, Australia; B.S. (University of Western Australia); *Business Administration*

**Suzanne Mary Turgeon**, Cleveland; B.S. (Miami University); *Business Administration*

**Patrick Donald Uehlein**, Dublin; B.S.; *Business Administration*

**Asha K. Uttam**, Poona, India; B.A. (Ohio Dominican College); *Business Administration*

**Joseph Norman Vallo**, Columbus; B.S.C.I.S.; *Business Administration*

**Suzette M. Van Benschoten**, Saugerties, NY; B.S. (State University of New York at Albany); *Business Administration*

**Donald DeVicor Veri**, Columbus; B.S.Nat.Res.; *Business Administration*

**John William Vogt**, Miamisburg; B.S. (University of Dayton); *Business Administration*

**Charles Eric Walters**, Columbus; B.S.Bus.Ad.; *Business Administration*

**Gordon Seymour Webster**, Kingstown, Jamaica; B.A. (Capital University); *Business Administration*

**Melissa Dawn Welch**, Lima; B.A. (Yale University); *Business Administration*

**Pamela Jean Whipps**, Springfield; B.A. (Wittenberg University); *Business Administration*

**Sharon Denise Whitaker**, Malvern, PA; B.S. (Cheyney State College); *Business Administration*

**Phyllis Maria White**, Jacksonville, FL; B.S. (Albany State College); *Business Administration*

**Richard Harvey Wier**, Columbus; B.S. (Duke University); *Business Administration*

**Han-Jung Steve Wu**, I-Lan, Taiwan, R.O.C.; B.S. (Tunghai University); *Business Administration*

**Wenchao Wu**, Taipei, Taiwan, R.O.C.; Bachelor's (National Chengchi University); *Business Administration*

**Meldron Ellsworth Young, Jr.**, Wilmington, DE; B.S. (Cheyney State College); *Business Administration*

**Eric V. Zaretsky**, Columbus; B.S. (Miami University); *Business Administration*

**Paul H. Zuckerman**, Wayne, NJ; B.S. (Syracuse University); *Business Administration*

## **Master of City and Regional Planning**

**Portia Marlene Anderson**, Columbus; B.A.; *City and Regional Planning*

**Xiaomin Cai**, Chong Qing, P.R.C.; B.S. (Hubei University); *City and Regional Planning*

**Michael Alfred Concilla**, Erie, PA; B.S. (Gannon University); *City and Regional Planning*

**Min Sun Eoh**, Seoul, South Korea; B.A., M.A. (Choong Ang University); *City and Regional Planning*

**Mark Jeffrey Epstein**, Framingham, MA; B.A. (American University); *City and Regional Planning*

**Fritz Nicholas Fekete**, Youngstown; B.A.; *City and Regional Planning*

**Jason Anthony Gambone**, Canton; B.A.; *City and Regional Planning*

**Joseph Jay Hausman**, Columbus; B.A.; *City and Regional Planning*

**Andrew Lawrence Huneck**, Columbus; B.A.; *City and Regional Planning*

**John Edmond McClintock**, Bridgewater, VA; B.S. (Virginia Commonwealth University); *City and Regional Planning*

**Michelle Lee Mixell**, Mechanicsburg, PA; B.S. (Virginia Commonwealth University); *City and Regional Planning*

**Mehul Mangaldas Mody**, Modasa, India; Diploma (Institute of Environmental Design); *City and Regional Planning*

**Jahnee Ranie Prince**, Centerville; B.A.; *City and Regional Planning*

**David Scot Seech**, Lima; B.A.; *City and Regional Planning*

**Chun-Gyu Shin**, Cheong Joo, South Korea; B.S., M.S. (Yonsei University); M.Arch.; *City and Regional Planning*

**Socrates Alexander Shinas**, Ontario, Canada; B.S. (Windsor University); *City and Regional Planning*

**Jacek Sobolewski**, Warszawa, Poland; M.S. (Warsaw University of Technology); *City and Regional Planning*

**Jau-Fang Ida Syu**, Ping Tung, Taiwan, R.O.C.; B.S. (Feng Chia University); *City and Regional Planning*

**Joseph Perry Wagner**, Englewood; B.A.; *City and Regional Planning*

**Richard Anthony Wooten**, Waycross, GA; B.A. (Norfolk State University); *City and Regional Planning*

## Master of Fine Arts

**Matthew Abraham Ballin**, North Hollywood, CA; B.F.A. (University of California-Santa Barbara); *Theatre*

**Claudia A. Berlinski**, Buffalo, NY; B.F.A. (State University of New York at Buffalo); *Art*

**Susan Scott Brown**, Columbus; B.A. (Mount Union College); M.A.; *Theatre*

**Juan Daniel Granados**, Wellington, TX; B.A. (University of Science and Arts of Oklahoma); *Art*

**Scott Thomas Heinzerling**, Amherst; B.A. (University of Akron); *Dance*

**Michael Joseph Hofman**, South Bend, IN; B.F.A. (University of Notre Dame); *Art*

**Robin Heidi Jennings**, Warren; B.A. (Kent State University); *Dance*

**Pamela A. Katz**, Lauderhill, FL; B.F.A. (University of Florida); *Theatre*

**Virgil Leonidas Kelly IV**, Huntington, WV; B.F.A. (Ohio University); *Dance*

**Lumiri Afridika Khahaifa**, Cochection, NY; B.F.A. (Florida International College); *Theatre*

**Kenneth Joseph Martin**, Milwaukee, WI; B.S. (University of Wisconsin-Stevens Point); *Theatre*

**Jeannette Marie Nevala**, L'Anse, MI; B.F.A. (Central Michigan University); *Art*

**Joseph P. Pioli**, Montoursville, PA; B.A. (Pennsylvania State University); *Theatre*

**Willis Cole Rogers, Jr.**, Birmingham, AL; B.F.A. (University of Alabama); *Art*

**Paul Michael Vassar**, Lima; B.F.A.; *Art*

**Mary Ann Williford**, Jacksonville, AR; B.S.Ed. (University of Arkansas); *Dance*

## Master of Health Administration

**Jolene Diane Beckler**, Altamonte Springs, FL; B.S. (Auburn University); *Hospital and Health Services Administration*

**Robert Eugene Dyckes**, Grandview Heights; B.A.; *Hospital and Health Services Administration*

**Anthony Louis Firmstone**, Campbell; B.S. (University of Akron); *Hospital and Health Services Administration*

**Janice Leigh Fonow**, Steubenville; B.S.Nurs.; *Hospital and Health Services Administration*

**Rebecca J. Imes**, Bexley; B.S.Bus.Adm.; *Hospital and Health Services Administration*

**William Mason Jennings**, Huntington, WV; B.S. (Miami University); *Hospital and Health Services Administration*

**Richard Brook Manton**, Lakeside; B.A. (University of Toledo); M.D.; *Hospital and Health Services Administration*

**Linda Ruth Mattson**, Columbus; B.S.Bus.Adm.; *Hospital and Health Services Administration*

**Kristi J. McCauley**, Columbus; B.A. (Kenyon College); *Hospital and Health Services Administration*

**David Curtis Petno**, Columbus; B.A. (Calvin College); *Hospital and Health Services Administration*

**Christopher Michael Scowden**, Troy; B.S.; *Hospital and Health Services Administration*

**Kristina Kay Stickler**, Gahanna; B.S. (University of Illinois); *Hospital and Health Services Administration*

**Jennifer A. Taylor**, Bay Village; B.A. (Miami University); *Hospital and Health Services Administration*

**Catherine Gail Villareal**, Villisca, IA; B.A. (University of Notre Dame); *Hospital and Health Services Administration*

**Lisa Ann Wahoff**, Columbus; B.S.Nurs. (Ohio Wesleyan University); M.S.; *Hospital and Health Services Administration*

**David Thomas Wallace**, Clarksburg, CA; B.S. (California State University); *Hospital and Health Services Administration*

**Mary Elizabeth Wilcox**, Columbus; B.S.Nurs. (Northwestern University); *Hospital and Health Services Administration*

**Charles Jeffrey Ziegler**, Worthington; B.S. (Case Western Reserve University); *Hospital and Health Services Administration*

## Master of Labor and Human Resources

**Kristin Joy Anderson**, Grandview Heights; B.S. (University of Illinois); *Labor and Human Resources*

**Amy Louise Branczek**, Washington, PA; B.A. (Muskingum College); *Labor and Human Resources*

**Nancy Susan Burwell**, Gahanna; B.S.Soc.Wel.; *Labor and Human Resources*

**Elizabeth Ann Davis**, Neshanic Station, NJ; B.A. (Allegheny College); *Labor and Human Resources*

**Lisa Marling George**, Lima; B.S.Bus.Adm.; *Labor and Human Resources*

**Jay V. Guss**, Minot, ND; B.A. (University of Michigan); *Labor and Human Resources*

**Niki Lynn Lombardo**, Columbus; B.A. (Ohio University); *Labor and Human Resources*

**Christine Wade Moon**, Newark; B.S.Bus.Adm.; *Labor and Human Resources*

**Mark Wilson Robinson**, Middlesex, NJ; Bachelor's (Pennsylvania State University); *Labor and Human Resources*

## Master of Landscape Architecture

**Ralf Schmitz**, Hilgen, Germany; Diploma (TU-Berlin); *Landscape Architecture*

**Michael Gerard Stys**, Mt. Clemens, MI; Bachelor's (Michigan State University); *Landscape Architecture*

## Master of Music

**Sean Erec Daniels**, Dayton; B.A. (Alabama State University); *Music*

**Robin Nanette Duvendack**, Monroe, MI; B.Mus. (University of Michigan); *Music*

**Judith Renee Smith**, Hilliard; B.Mus.Ed.; *Music*

**Patrick Joseph Tillery**, Covington, KY; B.Mus. (University of Louisville); *Music*

**Hui-Wen Wu**, Yi-Lan, Taiwan, R.O.C.; B.A. (Tung Hai University); *Music*

**Wei Wu**, Kaohsiung, Taiwan, R.O.C.; B.A. (Tung Hai University); *Music*

**Tzi-Ming Yang**, Chia-Yi, Taiwan, R.O.C.; B.A. (Tung Hai University); *Music*

## Master of Public Administration

**Robert Edward Allen**, Columbus; B.S. (Franklin University); B.S. (State University of New York College of Environmental Science and Forestry); *Public Policy and Management*

**Amy Claire Andrews**, Anderson Island, WA; B.A. (Wittenberg University); Master's (Rutgers University); *Public Policy and Management*

**Randy Lou Berry**, Huntington, WV; B.A. (Marshall University); *Public Policy and Management*

- Tammy Claravina Brown**, Freeman, VA; B.A. (Saint Paul's College); *Public Policy and Management*
- Robert Allen Byrne**, Whitehall; B.A. (Otterbein College); *Public Policy and Management*
- Yu-Min Chang**, Kaohsiung, Taiwan, R.O.C.; B.A. (National Chung Hsing University); *Public Policy and Management*
- Jac Armand Charlier**, Chicago, IL; B.S. (University of Illinois); *Public Policy and Management*
- James Clinton Copeland, Jr.**, Ashland; B.S.; *Public Policy and Management*
- John Anthony Downs**, Wellington; B.S. (Bowling Green State University); *Public Policy and Management*
- Cynthia Yvette Gardner-Brim**, New York, NY; B.A. (Benedict College); *Public Policy and Management*
- William Edward Green III**, Columbus; B.S. (Ambassador College); *Public Policy and Management*
- Julie Lynn Haas**, Vienna, VA; B.A. (Virginia Polytechnic Institute and State University); *Public Policy and Management*
- Cathleen Ann Heffelfinger**, Strongsville; B.A. (University of Michigan); *Public Policy and Management*
- Barbara Anne Madden-Petering**, Kettering; B.S.Al.Hth.Prof.; *Public Policy and Management*
- Charles Dean Marolf, Jr.**, Columbus; B.A. (Pennsylvania State University); *Public Policy and Management*
- James Merrick McCann**, Rochester, NY; B.A. (Pennsylvania State University); *Public Policy and Management*
- Jill Irene McPhillips**, Poland; B.S. (Youngstown State University); *Public Policy and Management*
- Timothy Perry**, Columbus; B.A.; *Public Policy and Management*
- Lisa Dawn Reiter**, Guys Mills, PA; B.S. (Allegheny College); *Public Policy and Management*
- James Kevin Ritsema**, Grand Rapids, MI; B.A. (Calvin College); *Public Policy and Management*
- Pisanu Sangiampongsa**, Bangkok, Thailand; B.A. (American University); *Public Policy and Management*
- Eugene Edward Schied**, Westmont, IL; B.A. (University of Iowa); *Public Policy and Management*
- Michael William Schramm**, Shadyside; B.A. (Ohio University); *Public Policy and Management*
- James Carl Woods**, Arlington; B.A. (University of Toledo); *Public Policy and Management*
- Master of Science**
- Scott Thomas Adkins**, Laurel, MD; B.S.Agr.; *Plant Pathology*
- Akram Abdelqader Al-Ish**, Amman, Jordan; B.S.A.A.E., B.S.; *Aeronautical and Astronautical Engineering*
- Isam Husayn Al-Khatib**, Columbus; B.S., M.S. (American University of Beirut); *Pathology*
- Douglas E. Alsdorf**, Wooster; B.A.; *Geological Sciences*
- Douglas Alan Apsey**, Deckerville, MI; B.S., O.D. (Ferris State University); *Physiological Optics*
- Judith Asmus**, Reynoldsburg; B.S. (Ohio University); *Nursing*
- Anjan Asthana**, Bihar, India; B.Tech. (Indian Institute of Technology); *Mechanical Engineering*
- David Dewitt Atkins**, Olmsted Falls; B.A.; *Geodetic Science and Surveying*
- Subramaniam Badrinath**, Jabalpur, India; B.Ch.E. (McNeese State College); B.S. (Saint Aloysius College); *Computer and Information Science*
- Sanjay Kumar Bajpai**, Indore, India; Bachelor's (Banaras Hindu University); M.A.; *Pharmacy*
- Frank Adam Barhorst**, Fort Loramie; B.S.M.E.; *Mechanical Engineering*
- Thomas Edward Barrett**, Columbus; B.S.E.F.; *Physics*
- Mark Edward Beckman**, Columbus; B.S. (Michigan State University); *Anatomy*
- Kurt Andrew Beiter**, Lancaster; B.S. (University of Notre Dame); *Mechanical Engineering*
- William John Benko**, Columbus; B.S.C.E.; *Civil Engineering*
- Chirag H. Bhatt**, Baroda, India; B.S.Bus.Adm.; *Computer and Information Science*
- Zaka Ullah Bhatti**, Karachi, Pakistan; B.S.E.E.; *Electrical Engineering*
- Carol Ina Bocetti**, Springville, NY; B.S. (University of Florida); *Zoology*
- Richard Evan Bornfreund**, Westmont, NJ; B.S. (University of Massachusetts at Amherst); *Physics*
- Jose Rafael Brenes**, San Jose, Costa Rica; Bachelor's (Universidad de Costa Rica); *Agricultural Economics and Rural Sociology*
- Dennis Robert Brinker**, Loves Park, IL; *Pharmacy*
- John Patrick Brophy**, Ann Arbor, MI; B.S.M.E.; *Mechanical Engineering*
- Amber Lynne Brown**, Ada; B.S. (Ohio University); *Industrial and Systems Engineering*
- George Edward Brown**, Columbus; B.S.Pharm. (University of Toledo); *Pharmacy*
- Timbre Lane Brown**, Columbus; B.S.E.E. (Ohio Northern University); *Electrical Engineering*
- Scott Anthony Buddie**, Westlake; B.S.E.E. (G.M.I. Engineering and Management Institute); *Electrical Engineering*
- Karen Lynn Burch**, Worthington; B.S.M.E.; *Mechanical Engineering*
- Robert Marion Buxton**, Nellie; B.S.Agr.; *Agricultural Education*
- Mary Lou Blackburn Campbell**, West Worthington; B.S.Nurs. (Franklin University); *Nursing*
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- Paula Marie Schuler**, Cincinnati; B.S.Soc.Work (Saint Louis University); *Social Work*
- Mary Jean Sementino**, Rochester, NY; B.S. (University of Dayton); *Social Work*
- Sheryl Kay Shonk**, Dalton; B.A. (University of Akron); *Social Work*
- Ellen Gita Siegel**, Columbus; B.A. (Northwestern University); *Social Work*
- Deborah Kaye Smith**, Massillon; B.S.Soc.Work (Ohio University); *Social Work*
- Marcia Louise Snedecor**, Galloway; B.F.A. (Miami University); *Social Work*
- Apryl Renee Stewart**, Lima; B.A.; *Social Work*
- Valerie Ann Swisher**, Columbus; B.S.Ed.; *Social Work*
- DeLeana Mays Tatman**, Columbus; B.S.H.E.; *Social Work*
- Deborah Leigh Thomas**, Columbus; B.A. (University of Richmond); *Social Work*

**Kimberly Regina Thut**, Orrville; B.A.  
(Bowling Green State University); *Social  
Work*

**Karen L. Tong**, Columbus; B.A. (State  
University of New York at Fredonia);  
*Social Work*

**Marsha Feuer Topy**, Columbus;  
B.S.Soc.Wel.; *Social Work*

**Tracye Bonita Triplett**, Louisville, MS;  
Bachelor's (Jackson State University);  
*Social Work*

**Sandra Lynne Urig**, Avon Lake; B.S.H.E.;  
*Social Work*

**Stacey Jo Vetter**, Wapakoneta;  
B.S.Soc.Work; *Social Work*

**Lana Barbara Weber**, Galena; B.A.  
(University of Houston); B.A. (Pan  
American College); *Social Work*

**Marie Elaine Webster**, Columbus;  
B.S.Soc.Wel; *Social Work*

**Mary Jane Wenner**, Holgate; B.S.  
(Defiance College); *Social Work*

**Linda Kay Wright**, Columbus;  
B.S.Soc.Wel.; *Social Work*

**Melanie F. S. Yost**, Columbus; B.A. (Mary  
Washington College); *Social Work*

## Colleges of the Arts and Sciences

Chairman, Coordinating Council of Deans: Joan Huber

Associate Dean for Undergraduate Studies in Arts and Sciences: Robert M. Arkin

The Colleges of the Arts and Sciences, a federation of five colleges, includes:

College of the Arts  
College of Biological Sciences  
College of Humanities  
College of Mathematical and Physical Sciences  
College of Social and Behavioral Sciences

## College of the Arts

Dean: Donald Harris

### Bachelor of Arts

Jorge Augusto Aguirre-Porras, Columbus  
Christopher Richard Carlisle, Columbus  
Siew Leng Chen, Columbus  
Alia Claire Covell, Columbus  
Kevin Eugene Dean, Circleville  
Kathleen Elizabeth DeVault, East Liberty  
Lisa Marie Feldmann, Worthington  
Kristine Anne Flaherty, Columbus  
Peter Kenneth Goldman, Chagrin Falls  
Elizabeth Ann Hatfield, Middletown  
Mark Edward Heuck, Cincinnati  
Craig Barton Higgins, Columbus  
Michael Scott Horn, Akron  
Tracy Lee Kingham, Unionville Center  
Andrew Scott Knight, Columbus  
Wendy Lee Mirick, Dublin  
Laura Ann Novak, Delaware  
Jeffery Howe Palisin, Rocky River  
Jason Dean Redinger, Olmsted Falls  
Paula Rojo-Vega, Columbus  
Edward Francis Sammler, Lancaster  
Margaret Louise Savage, Columbus  
Christina Marie Schimpf, Lima  
Jennifer Rose Schoonover, Columbus  
Angela Lynn Schultz, Columbus  
Eric Dean Seaton, Cleveland Heights  
Elizabeth Anne Smith, Vandalia  
Cornelia Sisson Vanmeter Sproat, Columbus  
Christina Marie Walls, Upper Arlington  
Mindy Fran Weinstein, Morganville, NJ

### Bachelor of Fine Arts

Timothy David Allwein, Columbus  
Vance Douglas Barnes, Harrod  
Evan Tobitt Brown, Columbus  
Rhonda Kristen Brown, Shaker Heights  
David William Bugher, Columbus  
Jan Elaine Cook, Columbus  
Bernard J. DeLuca, Middletown, PA

Angela Dawn Dillion, Sylvania  
Stanley Eng, Jr., Mentor  
Brian Scott Evans, Columbus  
Michael Anthony Foley, South Bend, IN  
Harold Robert Folsome II, Youngstown  
Steven Eric Grunkemeyer, Worthington  
Amy Lynn Guda, Rockbridge  
Gary Dwayne Harris, St. Albans, NY  
Melissa Diane Hartley, Kettering  
Vicenta Damo Hine, Columbus  
Joel M. Hirtle, Westerville  
Todd Martin Hoover, Canal Winchester  
Kiesha Renee Kumar, Warren  
Timothy Gerard Lanza, Cleveland  
Jennie Joyce Lumannick, Pataskala  
Lynn Alan Mowrey, Columbus  
Jennifer Sue Myers,

Washington Court House  
Aniko Natalie Nagy, Cincinnati  
Kimberly Anne Olson, Crestwood, KY  
Amy Beth Parsons, Newark  
Julius Lee Prater, Pataskala  
Jeffrey Taylor Pyles, Columbus  
Jeffrey Patrick Regensburger, Cincinnati  
Leah Reis, Cincinnati  
Paula Rojo-Vega, Columbus  
Kimberley Marie Ryan, Worthington  
Karin A. Schulze, Columbus  
Catherine Concetta Serio, Columbus  
Elizabeth Madden Slauson, Cincinnati  
Jeanine Thompson, Salt Lake City, UT  
Michael David Toth, Wadsworth  
Jennifer Mae Tough, Columbus  
Tobias Alan Vogel, Ramsey, NJ  
Lisa Lynne Warren, Brooklyn, NY  
John Weber Wild, Chagrin Falls  
Nancy Therese Wilinski, Cleveland  
Brenda Lloyd Witzky, Columbus  
Robert Arden Yothers, Columbus  
Tracy Elaine Zigler, Cincinnati

### Bachelor of Music

Harold Patterson Card, Jr., Hilliard  
George Domy III,  
Washington Court House  
Mario C. Estrada, El Paso, TX  
Kathleen Michele Gardiner,  
North Tonawanda, NY  
Sarah Ruth Hart, Lancaster  
Lisa Ann McGlamery, Strongsville  
Dana Lynne Morgan, Middletown  
Brian D. Nolder, Whitehall  
Ann M. Palmer, Columbus  
Eugenia E. Solomonidou, Larnaca, Cyprus  
Lou Ann Stropoli, Wadsworth  
Caterina Lillian Wallace, Toledo  
Mark Andrew Watson, Columbus

### Bachelor of Art Education<sup>1</sup>

Jennifer Jo Gorkowski, Toledo  
Kara Kathleen Kuntz, Lebanon  
Lori Ann Ribo, Ashtabula

<sup>1</sup>Offered by the College of the Arts

### Bachelor of Art Education<sup>2</sup>

Gary Joseph Barranco, Clinton  
Annette Louise Brick, Chardon  
Mary Katrina Cornely, Bylesville  
Darrin Scott Fields, Salem  
Kassie Murphy Hurley, Columbus  
Andrea Virginia Macioce, Columbus  
Marilyn Lea Sailor, Jackson Center  
Carole Marie Schuler, Marion  
Darrell L. Seiler, Kenton  
Janis Rene Shepherd, Gahanna  
Charlotte Chase Stallman, Columbus  
Raymond N. Walters, Mayfield Heights  
Jane Johanna Whitehead-Nelson, Marion

### Bachelor of Music Education<sup>2</sup>

Donald A. Diurba, Westerville  
Kenneth Alan Harned, Cortland  
James Kenneth Huntzinger,  
Las Vegas, NV  
Amanda Susan Iames, Lima  
John David Keinath, Newark  
David Hugh Mailer, Cleveland  
Andrew Marc McCracken, Galloway  
Beverly Ann Meyer, Coldwater  
Dana Lynne Morgan, Columbus  
Alan Grant Notestine, Columbus  
Gary Dean Rapp, Sidney  
Kristi Lynn Schnipke, Bristol, IN  
Sarah Elizabeth Tomich, Columbus  
Malinda Wiard, Reynoldsburg  
Robert David Wilson, Columbus  
Kevin Lee Yoder, Plain City

### Bachelor of Science in Audio Recording

Mark Adam Barnes, Cincinnati  
Christopher John Van Dromme, Maumee

### Bachelor of Science in Industrial Design

Jodi Michele Altman, Youngstown  
Robert Charles Anania, Jr., Carrollton  
Anthony Joseph Arcuri, Marysville  
Mary Antoinette Baytion, Celina  
Tracy Ann Bellomo, North Royalton  
Brian Felix Borowitz, Gahanna  
Michele Diane Burchill, Painesville  
Saundra Theresa Cika, Youngstown  
Timothy James Clemens, Columbus  
Vance Allan Coulter, Caldwell  
Mary Margaret Crockett, Toledo  
W. Scott Croft, Columbus  
Mark Edward Davis, Cincinnati  
Martin Phillip Davis, Columbus  
Jeff T. Debord, West Worthington  
Kevin Brian Delehanty, Centerville  
Alicia Kaye Dutton, Celina  
Joseph Martin Fenske, Jr., Mentor

<sup>2</sup>Offered jointly by the College of the Arts and the College of Education

Eric James Fickas, Worthington  
 David Earl Fowler, Hyde Park, NY  
 Annette Mary Gagnet, Toledo  
 Linda I. Garner, Toledo  
 Jill Marie Giarrizzo, Hunting Valley  
 William Jerome Goebel, Louisville  
 David Virgil Hoenig, Sheffield Lake  
 Douglas Wayne Kaiser, Coshocton  
 Deborah Annette Kendig, Mansfield  
 Joseph Jameel Khan, Columbus  
 John Barclay Ledingham, Columbus  
 Ronald Hayes Mason, Columbus  
 Stephen Hobson Matthews, Worthington  
 Allison Elaine Miller, Lima  
 Amy Elizabeth Oberster, East Sparta  
 John Michael Ordaz, Miller City  
 Ronald Howard Place, Jr., Columbus  
 Ralph Gust Smith, Columbus  
 Jerry Lynn Sean Patrick Sutton,  
 Homeworth

Joseph Raymond Tartaron, Cincinnati  
 Melissa Ann Vucelich, Shadyside  
 Timothy Allen Walters, Strongsville  
 Daniel James Wicking, Rockford, MI  
 Suzanne Wilder, New Richmond  
 Joseph Wurzer, Euclid

## College of Biological Sciences

Dean: Gary L. Floyd

### Bachelor of Arts

Scott Brackenridge Adams, Cincinnati  
 Erhardt Juergen Bell, Columbus  
 Jennifer Lynn Brown, Lima  
 Kimberly Dawn Carle, St. Clairsville  
 Eric Mark Geister, Poland  
 Dawn Allison Sheffield, Naperville, IL

### Bachelor of Science

Shahab Fareed Abdessalam, Troy  
 Amerah Parveen Akhter, Columbus  
 Michelle Renee Anderson, Columbus  
 Robert Alan Andrew, Mansfield  
 Rita Louise Arend, Hicksville  
 Theresa Lynn Austin, Mentor  
 Mark Shelton Balester, Cleveland Heights  
 John Christopher Barca, Euclid  
 Anthony Adam Beardmore, Cambridge  
 Diane Hugu Bell, Columbus  
 Erin Anne Benway, Mentor  
 Elaine Beth Brunschwig, Elyria  
 Victor Madrid Buenconsejo, Strongsville  
 Timothy William Butcher, Fremont  
 Mary Beth Carr, Delaware  
 Elena Alexia Christofides, Worthington  
 Michael Robert Cobler, Delaware  
 Heather Ann Deiderick, Boardman  
 Gino Gianni DiGiannantonio,  
 Chagrin Falls  
 Richard Michael Driggs, Columbus  
 David Andrew Epstein, Cincinnati

Lyn Marie Falanga, Wadsworth  
 Marianne M. Flannery, Cincinnati  
 Karen Elizabeth Fohl Veley, Westerville  
 Eric Alan Foote, Columbus  
 David Michael Fraley, Irondale  
 Kimberly Michelle Frazer, Pickerington  
 Sharon Kay Galloway, Proctorville  
 David Martin Gill, Bay Village  
 Edward Charles Gilmore, Pierpont  
 Jennifer Lynn Gold, Columbus  
 Michael Anthony Goyette, Medina  
 Paula Gresak, Columbus  
 John Robert Halliwill, Cuyahoga Falls  
 Cindjoy Marie Hallquist, Mentor  
 Julie Lorraine Hancock, Columbus  
 Steven John Wise Harper, Mansfield  
 Leora Lynn Hartley, Kenton  
 David Dyer Hayes, Chesapeake  
 Julia Marcela Hernandez, Columbus  
 Charles Scott Howard, Centerville  
 Randall Stanford Hughes, Tiffin  
 William Matthew Hughes, Martin, KY  
 Brian Robert Jenkins, Circleville  
 Leo Hsu-Chia Kan, Columbus  
 Ellen Ann Kehres, Troy  
 Jason Christopher Keith, Maumee  
 Sorabh Khandelwal, North Olmsted  
 David Michael Kuta, Bellefontaine  
 Mark John Kuzma, Boardman  
 Kimberly Dawn Lanham, Painesville  
 Eric Michael Lapp, Warren  
 James Glover Laskey, Cincinnati  
 Mathew Lawrence Lesniewski,  
 Bedford Heights  
 Randall Craig Lewis, Cincinnati  
 Harold Dennis Lewton II, Canton  
 Hannah Soohyun Lim, Strongsville  
 Kelley Sue Love, Hamilton  
 Robert Bruce Lowe, Columbus  
 Melissa Kimm Markowitz,  
 Highland Heights  
 John Thomas Martin, Massillon  
 Caryl Shalini Mather, Columbus  
 Susan Aileen Mauersberg, Cortland  
 William Paul Mauersberg, Cortland  
 Autumn Joy McIntyre, Akron  
 Craig James McPherson, DeGraff  
 Matthew Michael Merz, Nashport  
 Teri S. Metcalf, Canton  
 Jolene Michelle Miller, Chagrin Falls  
 Darian Vincent Minkunas, Seven Hills  
 Luiza Miron, Shaker Heights  
 Kerry Ellen Nester, Dublin  
 Steven Francis Niswander, Granville  
 Warren Dean Orloff, Painesville  
 Luigi Romolo Passa, St. Clairsville  
 Teresa Christine Piotrowski, Forest Park  
 Trevor Ward Poole, Belpre  
 Raquell Rabourn, Columbus  
 Timothy John Reeder, Lancaster  
 Marc Allen Richardson, Cincinnati  
 Haeri Roh, Columbus  
 Carole Lynnett Rosenbaum, Lorain  
 Thad Allen Rosenberger, Mansfield  
 Donna Maria Rupolo, Columbus  
 Leslee Ann Ruskowski, Columbus  
 Natalie Patricia Salazar, Shaker Heights  
 Gural Singh Sandhu, Dublin  
 Kristin Elizabeth Scott, Franksville, WI

Michele Anne Seibold, New Philadelphia  
 Monica Ursula Selent, Lorain  
 Barbara Anne Shardy, Brookfield  
 Zahir Mirza Sherazee, Upper Sandusky  
 Vijay Sheshadri, Warren  
 Debra Marie Shirkey, Ashville  
 Jane Ellen Smith, North Ridgeville  
 Stephen Michael Soisson, Fairfield  
 Jeannine Marie Stoessner, Parma  
 Diane Marie Straub, Akron  
 June LaVerne Traicoff, Elyria  
 Kathleen Jean Trela, Chesterland  
 Jasmine Ramona Falgui Tugaoen, Parma  
 Joseph Benjamin Wagner II, Bratenahl  
 Lori Navarra Wagner, Lowellville  
 Bruce Douglas Walker, Berea  
 John Charles Wheeler, Dublin  
 Rick James Whites, West Chester  
 Tiffany L. Whitcomb, Huber Heights  
 Theodore Scott White, Minford  
 Lisa Anne Wissinger, Cincinnati  
 Sophia Linda Yang, Crestline

## College of Humanities

Dean: G. Micheal Riley

### Bachelor of Arts

Shahab Fareed Abdessalam, Troy  
 Stephen Allen Adams, Rocky River  
 Michele Agriesti, Columbus  
 Diane Rennie Ahrens, North Royalton  
 Daunesh Dinyaur Alcott, Columbus  
 Jeffrey Scott Anderson, Westerville  
 John Richard Antonavich, Akron  
 Stacie Elaine Aukerman, Englewood  
 Amy Elizabeth Barrett, Brooklyn  
 Annaliese Beatty, East Liverpool  
 Daniel Robert Beatty, East Liverpool  
 Maryam Beheshti, Lexington  
 Nanci Lynn Betteridge, East Liverpool  
 Carla Jean Beyer, Kettering  
 Emmi Louise Birrer, Columbus  
 David Allen Blumberg, Goffstown, NH  
 Patricia Faye Boes, Defiance  
 Maria Bouboulis, Warren  
 Michelle Renee Brussee, Warren  
 Matthew Howard Burt, Bedford  
 Timothy William Butcher, Fremont  
 George Warren Byrd, Reynoldsburg  
 Karen L. Campbell, Columbus  
 Monica Lynn Chappano, Mingo Junction  
 Debrah Lynn Chatfield, Bexley  
 Benjamin Lee Chennells, Delaware  
 Stacy Deanne Cherry, Columbus  
 Eric D. Clark, Columbus  
 Kaelyn Crocort, Columbus  
 Regina Estelle Coldiron, Grove City  
 Liza Maria Cormanick, Columbus  
 Michele Lee Craver, Orrville  
 Christine Mary Crawford, Columbus  
 Timothy David Crawford,  
 Upper Arlington  
 Mary Alicia Cumming, Cincinnati  
 Nadine Joy Daugherty, Mansfield  
 Laurel Ann Davis, Tipp City

Mark Donald Deets, Columbus  
 Kimberlee Ann DeNero, Mansfield  
 David Bruce Denison, Columbus  
 Denise Lynn DePalma, Columbus  
 Thomas Fred Dixon, Westerville  
 David Scott Doyle, Salem  
 Daniel Raymond Dragin,  
 Upper Arlington  
 Deborah Platt Eakin, McLean, VA  
 Karen Lee Eitel, Circleville  
 Kimberly Jo Ellcessor, Marion  
 Debra Joi Emerman, Fairlawn  
 Judith Andrea Farrell, Tampa, FL  
 David Christopher Faure, Columbus  
 Samuel Bradley Fee, Hamilton  
 Kristin Ann Fidler, Mt. Gilead  
 Julie Alma Flanders, Cincinnati  
 Gregory Ronald Frey, Cincinnati  
 Edee L. Fuller, Van Buren  
 Betsy René Gartrell, Chillicothe  
 Paula Ann Gebhardt, Columbus  
 Steven James Geis, North Canton  
 Jason Andrew Gelender, Worthington  
 Joseph Anthony Gerardi, Groveport  
 John Francis Gerhart, Jr.,  
 Randolph AFB, TX  
 Amy Lynn Gilbert, Cincinnati  
 Kristin Carol Gilbert, Grove City  
 David Brian Golden, Pepper Pike  
 Anthony Lamont Goodwin, Montclair, NJ  
 Richard Hans Gorsuch, Westerville  
 Michael Robert Charles Goulding, Toledo  
 Sean Patrick Graham, Tucson, AZ  
 Corrina Lynne Greive, Wadsworth  
 Vance Rolland Grover, Newark  
 Jon Christopher Hackathorn, Marietta  
 Sean Ramish Harris, Columbus  
 Elizabeth Ann Hatfield, Middletown  
 Theodore Scanlon Hattemer, Cincinnati  
 Charity Marie Henderson, Columbus  
 Brenda Jeanne Herbert, Huber Heights  
 John P. Herman, Columbus  
 Todd Frederick Hills, Fairport, NY  
 Anne Steelman Howard, Wooster  
 Heather Kathleen Howland, Canton  
 Marla Renee Jaffe, Cleveland  
 John David Jolley, Reynoldsburg  
 Stephen Kyo Kaczmarek, Rossford  
 John Thomas Keane, Bay Village  
 Rebecca Jean Keethler, Columbus  
 Molly Ann Kessler, Cincinnati  
 Paul Thomas Khoury, Lakewood  
 Melinda Beth Killworth, Columbus  
 David Mark Kingman, Upper Arlington  
 Mary Charlene Kochensparger,  
 Huber Heights  
 Jeffery Scott Koppe, Springfield  
 Katja Tuulikki Korpela, Columbus  
 Philip Mark Kozel, Columbus  
 Sonja Denise Kraner, Columbus  
 Nancy Jean Kranz, Columbus  
 Julia Ann Lange, Toledo  
 Jeffrey Parker Lauer, Columbus  
 Molly Anne Leahy, Canton  
 Derrick Emery Leasure, Newark  
 Keith Edward Leffel, New Knoxville  
 Jeffrey Patrick Leger, Louisville, KY  
 Martha Jarvis Liford, Hilliard  
 Julie Christine Lindsey, Middletown

Kimberly Hope Litman, Akron  
 William Anthony Lorenz, Cincinnati  
 Julie Anna Malich, Chesterland  
 Elizabeth Anne Manwell, Southington  
 Michelle Robin Marger, Dayton  
 Phillip Paul Marzluf, Milwaukee, WI  
 Julie Ann McCollum, Columbus  
 Brian McCoy, Dublin  
 Katherine McCutcheon, Westlake  
 Mark Dayan Merrims, Shaker Heights  
 Bradley Reese Merricks, Columbus  
 Leigh Ann Merriman, Marysville  
 Michael James Merritt, Reynoldsburg  
 Gregory Louis Messerian, Cincinnati  
 Kimberly Vashon Miller, Cincinnati  
 Kevin Min, Bridgeport  
 Philip Donald Mogen, Dublin  
 William Lee Montgomery, Findlay  
 John Joseph Moore, Findlay  
 David Richard Moots, Jr., Marysville  
 James Ronald Morgan, Columbus  
 John Todd Murphy, Hebron  
 Amanda Sue Musser, Pickerington  
 Anthony Scott Napier, Hilliard  
 Robert Matthew O'Dair, Worthington  
 Karen Sue Ogle, Caldwell  
 Ene Katrin Oro, Columbus  
 Amy Sue Orwick, Bloomdale  
 Steven Anthony Paratto, Madison  
 Elizabeth Taggart Pearse, Columbus  
 Jeffrey Lee Pharion, Columbus  
 Douglas Andrew Plummer, Dayton  
 Philip Lynn Potts, Fairborn  
 Karon Gay Price, Toledo  
 Amy Lynne Pryor, Cromwell, CT  
 Richard Matthew Pyrezak, Penfield, NY  
 Bruce Herbert Queck, Columbus  
 Michael Joseph Racanelli,  
 West Babylon, NY  
 Uma G. Raju, Athens  
 Brent Ty Redmon, Franklin  
 Ellen Sue Reid, Columbus  
 Tyler Jay Renkert, Newton, CT  
 Melissa Faye Reynolds-Prond, Columbus  
 Jonathan B. Ripps, Toledo  
 Shaun Dean Rispoli, New Castle, PA  
 Steven Robert Rosar, Salem  
 Elizabeth Joan Runnels, Cincinnati  
 Richard David Schmus, Thornville  
 Joyce Ann Schott, Marietta  
 Aaron Matthew Schrein, River Vale, NJ  
 Sandra Wendel Schumann, Westerville  
 Jerry Michael Schwartz, Las Vegas, NV  
 Julie Ann Sellers, Grove City  
 Jennifer Lee Seymour, Columbus  
 Nima Shafai, Columbus  
 Cathi Beth Sharp, Cleveland  
 Ronald Allen Skingle, Parma  
 Samantha C. Skutnik, Broadview Heights  
 Michael David Snyder, Canton  
 David Kenneth Sonner, Columbus  
 Timothy Scott Spurlock, Gallipolis  
 Karen Marie Struck, Medfield, MA  
 Lisa Jane Svoboda, Worthington  
 Marcia Ann Taylor, Columbus  
 Gregory Keith Terry, Wheelersburg  
 Julie Ann Thoms, Columbus  
 David Andrew Timko, Lorain  
 Chihiro Tomida, Mie, Japan

John Robert Trares, Bath  
 Trent Reynard Turner, Columbus  
 Robin Ann Van Order, Upper Arlington  
 Cynthia Sue Vanderbrink, Troy, MI  
 Peter James Vecchio, Jr., Cincinnati  
 Sandra Lynn Venetta, Warren  
 Mark Jude Volcheck, Norwalk  
 Jay Daniel Wachs, Shaker Heights  
 Christopher Richard Warnick, Columbus  
 Susan Anne Watkins, Worthington  
 Marlys Ann Watson, Caldwell  
 Amy Lynn Waydo, Columbus  
 Robert Joseph Whalen, Centerville  
 Phoebe Willis-Rennie, Columbus  
 Amelia Leigh Anne Wolfe, Columbus  
 Karen Schaumburg Woods, Columbus  
 Christopher William Woodward,  
 Columbus  
 Robert Joseph Wuebker, Columbus  
 Lisa Catherine Zimmerman, Westerville  
 Stacy Zolman, Powell

## College of Mathematical and Physical Sciences

Dean: C. William Kern

### Bachelor of Arts

Bradley Ronald Allen, St. Louisville  
 James Richard Black, Columbus  
 Alice Renee Dahl, Plainfield, IL  
 Karl Leonard Davidek, Columbus  
 Stephanie Kim Gollledge, Worthington  
 Anuj Goyal, Cincinnati  
 Li-Ping Hsieh, Murrysville, PA  
 Jeffrey Deedrick Lambillotte, Westerville  
 Lori Dawn Meyers, Pickerington  
 Thach Thai Nguyen, Columbus  
 Teresa J. Nobles, Reynoldsburg  
 Kelly Ann SanGregory, Tiffin  
 Steven Henry Smith, Jr., Orrville  
 Robert Chih Wang, Canton  
 Chris Allan Williams, Hamilton  
 Montgomery Bruce Zukowski, Bay Village

### Bachelor of Science

Mark Edward Atchison, Wooster  
 Miguel Angel Babilonia Vázquez,  
 Guayama, PR  
 Keith Douglas Ball, Louisville  
 John Phillip Barnes, Columbus  
 Andrea Lee Bassitt, Lima  
 Lynn Marie Battista, Steubenville  
 Benjamin Olaf Beckman, Ashtabula  
 Peter L. Bradley, Columbus  
 Nathan Carl Broome, Wellington  
 James Francis Brown III, Cincinnati  
 Mario Rene Brunicaudi, Bryan  
 Karen Marie Buck, New Concord  
 Eileen Patricia Casciani, Lewiston, NY  
 Julie Ann Corio, Cleveland  
 Nicholas John Crano, Akron  
 Douglas Lynn Crites, Columbus

John Clayton Danks, Cincinnati  
 Mark Edward Duell, Canton  
 Craig Matthew Finley, Gallipolis  
 Parisa Vafai Foroutan, Tehran, Iran  
 Mark Andrew Geary, Worthington  
 Jason R. Gilmore, Pataksala  
 Christopher John Helal, Ashland  
 Andrew Fitzgerald Hoyte, Reynoldsburg  
 Bernard Dale Hummel, St. Henry  
 Carolyn Marie James, Columbus  
 Robert John Janosy, Columbus  
 Christina Lynn Jones, Cincinnati  
 Matthew Craig Kaiser, Canton  
 Tracey Eugene Kemmerly, Reynoldsburg  
 Esa Vilho Ilmari Laine, Columbus  
 Christine Elizabeth LesCamela,  
 Springfield  
 Renana Frida Leyzerovitch, Cleveland  
 Tony Joseph Maric, Cleveland  
 Myrell Denise McCormick, Galveston, TX  
 David Arthur McGrew, Columbus  
 Helen Marie McKeown, Columbus  
 David Walter McLeroy, Youngstown  
 W. Joseph Melnik, Brunswick  
 Ali Allen Motakef, Columbus  
 Andres Munk, Columbus  
 Ngoc-Trinh Kim Nguyen, Vienna, VA  
 Sophia Peters, Reynoldsburg  
 Eric Juris Raudins, Hudson  
 Richard Douglas Ricketts, Columbus  
 Stephen Andrew Rose, Champion  
 Jörn Michael Schaffner, Chesterfield, MO  
 Christopher Paul Schroeder, Westerville  
 Robert Francis See, Medina  
 Jacqueline Miriam Sendze, Columbus  
 Tom Jeff Shannon, Jr., Columbus  
 Erin Renee Sherer, Columbus  
 Lori Ann Simon, Versailles  
 James Richard Smith, Solon  
 Mark Douglas Smith, Springfield  
 Sandra Kay Spahn, Cincinnati  
 Thomas M. Stacklin, Willard  
 Susan E. Sund, Sylvania  
 Phyllis Kirchner Teater, Columbus  
 Mark Joseph Warner, Louisville  
 Robert Herman Wei, Columbus  
 Richard D. Wilson, Aurora  
 Kenneth Jane Wyant, Reynoldsburg  
 Kenneth Harold Yetzer, Shelby

## College of Social and Behavioral Sciences

Dean: Joan Huber

### Bachelor of Arts

Phyllis Abbott, Columbus  
 Glen Joseph Abrams, Copley  
 Jane Elizabeth Acri, North Jackson  
 Richard Andrew Adams, Vermilion  
 Norma Aguilar, Houston, TX  
 Orly Ahroni, Columbus  
 BC Aikins, Nashville, TN  
 Stephanie Marie Alexander, Stow  
 Tyrone DeWayne Alexander,  
 Little Rock, AR

David M. Algeri, North Olmsted  
 Eric Joseph Allen, Clyde  
 Deborah Lynne Alpern, Bexley  
 Melissa Jo Ames, Coshocton  
 Bridget Joy Anderson, Westerville  
 Jeffrey Scott Anderson, Columbus  
 Michael Maddux Ater, Chillicothe  
 Kimberly Marie Bachmeyer, Perrysburg  
 Danette Christine Bailey, Columbus  
 Todd Douglas Baker, Shippensburg, PA  
 Sandra Sue Bako, Akron  
 Paul David Ballou, Circleville  
 Matthew David Ban, Munhall, PA  
 Michael Joseph Banish, Warren  
 Bruce Bruette Barber III, Columbus  
 Jason Eric Barkeloo, Columbus  
 Bobby Barnes, Hicksville  
 Jennifer Ryan Bascuk, Richmond, IN  
 Stuart Alan Bassett, Beachwood  
 Maryam Beheshti, Lexington  
 Kristan Marie Bell, Defiance  
 Doryce Marie Bellomo, Dublin  
 Pamela Sue Bellush, Bay Village  
 Taryn Rae Benjamin, Cincinnati  
 Randal R. Benner, Waverly  
 Suzanne Marie Bennett, Hartford  
 David Patrick Bentley, Cincinnati  
 Amy Beth Bergman, Columbus  
 Tiffany Anne Bernholt, Celina  
 Jeffrey Todd Bernstein, Bronx, NY  
 Jeffrey Thomas Berridge, Gahanna  
 Rebecca Ann Berry, Westerville  
 Diane Marie Bertke, Centerville  
 Todd Alan Bickel, Sidney  
 Marie Marie Blackburn, Milford  
 Dinah Dolores Blair, Cleveland  
 Stephanie Kay Blanchard, Trotwood  
 Mark Dana Blazek, Upper Arlington  
 Jennifer Kathleen Bleiholder,  
 Worthington  
 Ronda Luanne Blevins, Pickerington  
 Shani Faye Blond, Pepper Pike  
 Ada Maureen Bloom, Upper Sandusky  
 Kimberly Ann Bloom, Cincinnati  
 Cindy Ann Boaz, Powell  
 Cynthia Jane Bolton, Beavercreek  
 James Dallas Bond, Columbus  
 Kimberly Anne Boskey, Columbus  
 Michelle Marie Bourdow, Dayton  
 Janine Rene Bradford, Cincinnati  
 Jill Rebecca Braverman, Rochester, NY  
 Eric Lee Brehm, Euclid  
 Tracey Kay Broderick, Cleveland  
 Amynda Erin Brofford, Columbus  
 Lois Faye Bruce, Blacklick  
 Dennis Jon Bunda II, Merrillville, IN  
 Kara Lisa Burge, Springboro  
 Deborah Dale Burks, Bexley  
 Christopher Alan Caldwell, Columbus  
 Glenn Cannon, Berea  
 Cheron Denise Carlson, Columbus  
 Jeannette Ismene Cataland, Columbus  
 Jennifer Lee Cathcart, Columbus  
 Stephanie Dawn Champ, Logan  
 Janice Y. Chen, Salem  
 Kelly Ann Childers, Fairborn  
 Rachel Helene Chodock, Beachwood  
 Thomas Eugene Christian, Jr., Columbus  
 Michael Allen Clendenin, Columbus

John Joseph Clifford, Worthington  
 Joseph Thomas Cluff, Columbus  
 Katrina Leigh Coffield, Columbus  
 Jennifer Sue Cohen, Huntsville, AL  
 James Andrew Cole, Centerville  
 Richard Steven Cole, Ada  
 Kenneth Wayne Coleman, Columbus  
 Sonya Renee Conpton, Columbus  
 Leslie Karen Connelly, Columbus  
 Lesley Alison Cooper, Shaker Heights  
 Tracy Marie Copeland, Springfield  
 Gary Edward Cremeans, Ironton  
 Mark Harrison Cummings, Columbus  
 Daniel Thomas Curtis, Kettering  
 Stephanie M. Curtis, Omaha, NE  
 Crystal Dawn Cyrus, Marion  
 Kathleen Patricia Daley, Marion  
 LaDawn Stephens Dalley, Columbus  
 Brenda Kay Davenport, Bellevue  
 Derek Marshall Davis, Gahanna  
 Kelley Anne Deibel, Columbus  
 Bart Joseph DeVictor, Columbus  
 Cathy Sue DeVilbiss, Columbus  
 Cheryl Sue Dolbeer, Springfield  
 Kimberly Ann Donnelly, Columbus  
 Maureen Patricia Donnelly, Strongsville  
 Mark Allen Dorff, Circleville  
 Christopher Vinton Dorsey, Hilliard  
 Dixie Lynn Douglas, Columbus  
 Robin Lynn Downing, Delaware  
 Gwendolyn Kay Dretzka, Gallion  
 Susana Alicia Duarte, Shaker Heights  
 Francine Stephanie DuBosar,  
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 Jesse Nolan Fields, Bay Village  
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 Kirk Michael Smith, Celina  
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 Carla Jean Zanetos, Columbus

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Acting Dean: J. Robert Warmbrod

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 Kenya, East Africa  
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 Karen Sue Lund, Norwalk  
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 Washington Court House  
 Wayne Robert Neiling, Deshler  
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 Timothy James Phillips, Jr., Columbus  
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 Michael Allen Chandler, Greenwich  
 William Raymond Dantzer, Columbus  
 Rachel Lee Iams, Hamilton  
 Lisa Muliani, Columbus

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Barbara J. Jackson, Louisville, KY

### Bachelor of Science in Nutrition

Joseph John Kessler, Jr., Geneva  
 John Christopher Moses, Columbus  
 Diane Marie Straub, Akron

## School of Natural Resources

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 Cynthia Jane Bellar, Centerville  
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 Eugene Charles Braig, Elyria  
 Perry Jo Cerminara, Barnesville  
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 William Randall Cook, Columbus  
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 Lee Worrell Johnston, Reynoldsburg

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Paula Maria Coleman, London  
 B.A. (Miami University)

William J.T. Coulman V, Worthington  
 Cert.Dent.Hyg.

David Andrew Covell, Jr., Columbus  
 Ph.D. (Albert Einstein College of Medicine)

Michael Richard Crites, Mingo Junction  
 B.S. (Bowling Green State University)

Charles Philip Debbane, Hamilton  
 B.A. (Xavier University)

Randall Scot DelBene, McDonald

Christine Lin Dunham, Minooka, IL  
 B.S. (Illinois State University)

Karl Gerardo Espeleta, Westerville  
 B.A. (Miami University)

William Leonard Farr, North Canton  
 B.A. (University of Toledo)

Farzad Firouzian, Dublin  
 B.S.

Mark Steven Florman, Lyndhurst  
 B.S.Agr.

Michael James Florman, Lyndhurst  
 B.S.Agr.

David James Francati, Bay Village  
 B.A. (Miami University)

Timothy Alan Freeman, Jr., Columbus  
 B.A. (Miami University)

Eric Stephen Fried, Beachwood

Lawrence Edward Gamby, Defiance  
 B.S.Dent.Hyg.

Rosa M. Garcia, Mayaguez, PR  
 B.S. (University of Puerto Rico)

Andrew Michael Gast, Gahanna  
 B.A. (Miami University)

Adrian Leigh Gendell, Cincinnati  
 B.S.Nurs. (Indiana University)

John Anthony Gennantonio, Cincinnati  
 B.S. (University of Cincinnati)

## College of Dentistry

Dean: William R. Wallace

### Doctor of Dental Surgery

Lisa Ann Alvetro-Rossmann, Cortland  
 B.S. (Youngstown State University)

Denise Marie Antalis, Shadyside  
 B.S.Ed

Jonathan Mallonn Ash, Canton  
 B.S. (University of Akron)

Cesar Jules Augustin, Jr., St. Louis, MO  
 B.A. (Southern Methodist University)

Timothy James Backiewicz, Blacklick  
 B.A. (Miami University)

Michael Anthony Baiker, Pittsburgh, PA  
 B.S. (Pennsylvania State University)

Roger Duane Beck, Avon Lake  
 B.A. (Wittenberg University)

Mark Edward Beckman, Goodrich, MI  
 B.S. (Michigan State University)

Christine Ann Beebe, Cheshire

Francis Matthew Beglin,  
 San Francisco, CA  
 B.S. (University of California-Berkeley)

Richard Kurt Alexander Bohme,  
 Cincinnati  
 B.A. (Miami University)

Thomas Karl Broering, Celina  
 B.S. (University of Dayton)

Mark Edward Bronson, Cincinnati  
 B.A. (Hampton Institute)

Dean Robert Gladura, Parma Heights  
B.S. (Oral Roberts University)

Jeffrey Alan Glenn, Cincinnati  
B.A.

Sabrina Eileen Glenn, Youngstown  
B.S.

Karen Joan Gougeon, Blacklick  
B.S. (Saginaw Valley State College)

Rina Mae Gudelman-Segall, Toledo  
B.S. (University of Cincinnati)

Stephen Joseph Haas, Cincinnati

Arnold Todd Halcomb, Lebanon  
B.A. (Miami University)

Steven Everett Hart, Eaton  
B.A. (Miami University)

Christopher James Herrick, Greentown

Kevin Scott Huelsman, Columbus  
B.S. (Wright State University)

Eugene Stanley Hulshult, Jr., Hamilton  
B.S.

Kylene Jane Humphrey, Columbus  
B.S.

Jacquelyn Marie Hunter, Meridian, MS  
B.S. (Tennessee State University)

Gregory Jon Hutchison, Findlay  
B.S. (University of Toledo)

Safa Iranpour, Columbus  
B.S. (Wright State University)

Brian Edward Jackson, Cleveland Heights  
B.A. (Miami University)

Edward Ylagan Jimenez,  
Middleburg Heights  
B.A. (Miami University)

George Ronald Kast, North Olmsted  
B.A. (Miami University)

Michelle Ann Kennedy, Maple Heights  
B.A. (University of Denver)

Lisa Andrzejewski Knobloch, Cleveland  
B.S. (John Carroll University)

Janina Zuzanna Kopylowicz, Columbus  
D.D.S. (Akademia Medyczna)

Kenneth Dominic La Polla, Warren  
B.S. (Miami University)

Carrie Marie Logsdon, Newark  
B.S. (Otterbein College)

Robert Bruce Lowe, Gahanna

Timothy James Mahek, Crestline  
B.S. (University of Tampa)

Donald David Mardis, Xenia

Jeffrey Joseph Martello, Lima  
B.A. (University of Notre Dame)

Joseph Charles Mavec, Eastlake

Ryan John McCafferty, Howell, NJ  
B.S. (University of Dayton)

Brian Carter McDowell, Leominster, MA  
B.S. (University of Massachusetts at  
Amherst)

Kurt Thomas Metzler, Delaware  
B.A.

Gregory Charles Michaels,  
Upper Arlington  
B.S.Pharm.

Joseph Anthony Mika, Youngstown  
B.S. (Youngstown State University)

Jennifer Dunn Miller, Columbus  
B.S.Ed

Paul John Minnillo, Jr., Elyria  
B.S.

Ralph Frank Mondora, Boardman  
B.S. (John Carroll University)

Michael Hayes Morgan, Akron  
B.S. (John Carroll University)

Hamid Karim Namazi, Columbus  
B.S.E.E.

William Brian Nase, Sellersville, PA  
B.A. (Southern College of Seventh-Day  
Adventists)

Brent Edward Neubauer, Kettering

Deborah Ruth New, Columbus  
B.S.

Richard Edward Nichols, Jr.,  
San Mateo, CA  
B.A. (University of California-Berkeley)

Randall Clark Nunley, Kent

Linda J. Papcum, Brunswick  
B.S. (John Carroll University)

David Rex Patton, Maumee  
B.S. (Bowling Green State University)

Terry Bernard Philibin, Youngstown

James Anthony Reckelhoff, Cincinnati

James Edgar Richardson,  
Claremont, Canada

Brian Kenneth Ritter, Solon  
B.S. (Ohio University)

Ivan Roman, Bayamon, PR  
B.S. (Louisiana State University)

Gregory Arthur Rosecrans, Bay City, MI

Dorene Sabulski, Brookfield  
A.A.S. (Youngstown State University)

John Anthony Sauvinsky, Chagrin Falls  
B.S. (University of Toledo)

Sharon Lou Schumaker, Medina  
B.S.

Jean Opal Scott, Athens  
A.S. (Grant-Otterbein Nursing School)

Bradley Matthew Smith, Erie, PA  
B.S. (Gannon University)

Diana Ramona Smyres, Columbus

Carlos Romon Stone, Springfield  
B.S. (Central State University)

Linda Diane Stuart-William, Columbus

Alec Ray Tackett, Xenia  
B.A. (Miami University)

Timothy Scott Troiano, Dublin  
B.A. (Kenyon College)

David Brian Uzzel, Dayton  
(Miami University)

David Todd Van Zant, Hillsboro  
B.S. (Wilmington College)

Bruce Douglas Walker, Berea

Brian Jay Walsh, Gahanna  
B.S.

Michael Edward Whitcomb, Jr., Columbus  
B.S.

Christopher Charles Whitmyer, Brecksville  
B.A. (Ohio Wesleyan University)

William James Whitney, Huntington, NY  
B.A. (State University of New York at  
Binghamton)

G. Schockley Wier, Dayton

Philip Chester Wisniewski, Toledo

Jennifer Elizabeth Wong, Boca Raton, FL  
B.S. (Wheaton College)

Emily Antoinette Worster, Westerville

Mark Edwin Young, Troy

Sally Ann Zifer, Dover  
Cert.Dent.Hyg.

## **Bachelor of Science in Dental Hygiene**

Michele Leigh Barton, Pittsburg  
Bonnie Kay Berkes, Westlake  
Susan Ann Berry, Defiance  
Teresa Lynn Bonham, Newark  
Brenda Carol Burson, Centerburg  
Michelle Renee Hart, Big Prairie  
Cindy Jane Herold, Rochester Hills, MI  
Kelli Ann Kelly, Minster  
Kelly Jean Kordash, Perrysburg  
Jodi Lynn McClave, Haughton, LA  
Michael Curtis McCutcheon, Wellsville  
Eva Marie Neill, Waterford  
Michele Annette Perry, Port Clinton  
Amy Joanne Petering, Beavercreek  
Anita Marie Pier, Dayton  
Lisa Marie Pirone, Struthers  
Lisa Marie Pomarico, Brunswick  
Kelli Jo Prosek, Warsaw  
Melissa Marie Rape, New Castle, PA  
Erin Thecla Rothgeb, Dublin  
Denise Marie Sanford, Twinsburg  
Kimberly Marie Schlipf, Toledo  
Lynnette Marie Shaloo, Urbana  
Mary Alice Sinclair, Wintersville  
Susan Lyn Solze, Columbus  
Janet Rebecca Staver, Lima  
Lisa Marie Vargo, Wadsworth  
Amy Louise Walliser, Ashland  
Julia Kaye Wells, Delaware  
Rozita Mohamadi Yousefian, Iran

## **College of Education**

Dean: Donald P. Anderson

## **Bachelor of Science in Education**

Kathy Lu Aitchison, Plain City  
Cathy Jo Akers, La Rue  
Dawn Holly Alleshouse, Mansfield  
Tiffany Mae Allison, Bucyrus  
David Emerson Altman, Columbus  
Sheila Ann Amrine, Hebron  
Susan Elizabeth Anderson, Chillicothe  
Linda Lee Andrews, Willard  
Beth Ann Anticole, Steubenville  
Heather Ann Arntz, Massillon  
John Meredith Babcock, Ashland  
Richard John Baird, Marysville  
Dorothy Virginia Baker, West Chester  
Theresa Ann Barber, Centerburg  
Ellen Claire Barger, Youngstown  
Debra Jo Barrett, Thornville  
Lisa Ann Barrett, Coshocton  
Thomas Michael Barton, Vestal, NY  
Robert Andrew Beckley, Pickerington  
Ann Bindley Beckelman, Marion  
Brenda Lea Bell, Ostrander  
Susan Kay Bergman, Minster  
Rubiana Louise Berridge, Marion  
James Daniel Bethel, Columbus  
Nanci Lynn Betteridge, East Liverpool  
Kimberly Ann Bilinsky, Mentor  
Jaime Denise Biros, Newark

Bruce Allen Bishop, Lakewood  
April Lynn Blevins, Pickerington  
Sharon S. Block, Granville  
Jerry Bradley Bowman, Coshocton  
Natalie Johanna Brinkman, Columbus  
James Fredrick Buehler, West Lafayette  
Bret Randall Busby, Cincinnati  
Kattie B. Butler, Lima  
David Glenn Buttermar, Marion  
Richard Warren Cade, Jr., Lyndhurst  
Pauline Campanella, Bucyrus  
Karnel Yvette Campbell, Lexington  
Tracy Michelle Cannon, Shreve  
Jo Carey Carlisle, Granville  
Sara Jane Carlton, Van Wert  
Lori Ann Carpenter, Canal Winchester  
Timothy Ray Carr, Wellsville  
Julie Linne Carson, Leesburg  
Mary Jo Castro, Lyndhurst  
Timothy James Cave, Worthington  
Lorilyn Ceglarski, Maumee  
Pamela Jean Cessna, Cygnet  
Phyllis Jonette Chandler, Columbus  
Laureen Annette Cimoch, Mars, PA  
Michelle Rae Clark, Eaton  
Christopher Wayne Clay, Circleville  
Michelle Renee Cleverly, Columbus  
James David Coley, Toledo  
Alan Wayne Cook, Waverly  
Bret Tyler Cooke, Wooster  
Paul Harold Coulter, Columbus  
Robert William Cover, Gahanna  
Destree Dawn Cox-Moore, Coshocton  
Angela Jean Coyne, Mt. Vernon  
Velenna J. Cozart, Reynoldsburg  
Heather Lynn Craig, Tipp City  
Shari Lynn Creech, Coshocton  
Jack Leo Cremeans, Jr., Columbus  
Kevin F. Cukrowicz, Lexington  
Chad E. Cunningham, Marysville  
Rita Marie Dallas, Galion  
Sharon Kay Daugherty, Newark  
Janna Lee de Jongh, Westerville  
Sara Lynne Dilley, Bucyrus  
Betty Lou Dillinger, Bloomville  
Michele Marie DiNicola, Wintersville  
Elizabeth Ellen Diver, Parma  
Diana Laura Dizon, Cincinnati  
Patricia Ann Dolbow, Columbus  
Steven Paul Donahue, Troy  
Mary Kathleen Dorrian, Columbus  
Patricia Ann Douglas, Columbus  
Joy Lynn Drummond, Clarksburg  
Kathleen Duffy, Mayfield Heights  
Denise Renee Duncan, Martins Ferry  
Stephen Charles Dury, Lorain  
Vikki Elaine Early, Huntsville  
Lee Meredith Eckert, Loveland  
Lawrence Wayne Edwards, Westerville  
Kelly Lynn Ehrsam, Granville  
Tina Marie Elek, Tappan Lake  
Jan Denise Elliott, Columbus  
Michelle Marie Ellis, Mansfield  
Iris M. Eppley, Zanesville  
Matthew Lee Eppley, Columbus  
David William Eshleman, Whitehall  
Kimberly Sue Farkas, Youngstown  
Laurie Ann Feehan, Delaware  
Michael James Fields, Columbus

Bonnie Lu Fillweber-Ludwig, Mansfield  
Vickie Mae Fisher, Mt. Gilead  
Tracy Sueann Fitzgerald, St. Marys  
Melody Lynn Fogle, Sandusky  
Elise Suzanne Foltz, Carrollton  
Ryan Scott Forche, Columbus  
Kimberly Sue Fordham, Sandusky  
Kimberly Sue Foster, Waldo  
Wanda Lou Foust, Heath  
Janet Sue Fout, Edison  
Aimee Lorraine Fowler, Loudonville  
Gordon Allen Edward Fowler, Amherst  
Sheryl Irene Franks, Reynoldsburg  
Rosemarie Moore Franz, Newark, DE  
Linda Louise Fratianna, Columbus  
Shannon Nadine Gahn, Minford  
Kimberly Ann Gargiulo, Milford  
Andrew Jay Garman, Coldwater  
Tammy Lynn Gatrell, Warren  
Julie Kay Gavinski, Columbus  
Barbara Lynn George, Lima  
Holly Marie George, Rome  
Catherine Elizabeth Gerber, Upper Sandusky  
John Gill, Brampton, Ontario, Canada  
Erica Gessel Golden, Belpre  
Kimberly Sue Gonzalez, Worthington  
Melissa Kay Goodwin, Milford  
Jeffrey Ryan Grace, Paris  
April Sue Grandominico, Westerville  
Amy Dian Grass, Lima  
Jennifer Louise Gravin, Dayton  
Kimberly Jane Gray, New Hampshire  
Diana Lynn Green, Columbus  
Terry Joanne Griffiths, Lima  
Erik Douglas Grimm, Sistersville  
Annette Dawn Gross, Waynesville  
Steven Eugene Gruber, Columbus  
Robert Clinton Guinther, Galion  
Melody L. Haddad, Marion  
Melody Hadding, Lima  
Sharene Renee Halbert, Gahanna  
Stefanie Lyn Walters Hall, Columbus  
Douglas Lee Halm, Sylvania  
Jeannine Sue Hamilton, Bluffton  
Patricia Ann Handschumacher, Belpre  
Elaine La Vonne Hansen, Bucyrus  
Mary Heather Hanson, Perrysburg  
Elaine Suzanne Hardesty, Columbus  
Donna Jo Harris, Bryan  
Gregory Stephen Hatosky, Warren  
Kara Suzanne Haughton, Grove City  
Jennifer Lynn Headlee, Powell  
Karen Sue Hearing, Lexington  
Ellen Lynn Hefty, Mogadore  
Laura Ann Marie Heilman, Perrysburg  
Lynn Renee Hemmelgarn, Greenville  
Lisa Renee Hepp, Wapakoneta  
Charles Cameron Hilliker, Jr., West Jefferson  
Kathleen Ann Hixon, Westerville  
Karen Bourne Holbrook, Vermilion  
Angela Marie Holland, Marion  
Rebecca K. Hollinger, Marion  
Martha Jo Holsinger, Columbus  
Jessica Leigh Hook, Brecksville  
Lois Ann Hord, Hilliard  
Cathy Esley Howard, Grove City  
Tonya Yvette Howard, Cincinnati

Trina Lynn Howard, Columbus  
 William Dean Houser,  
 Grandview Heights  
 Kelly Jo Hubbell, Sidney  
 Lynette Wynn Huber, Crestline  
 John Fredrick Hulslander, Columbus  
 Jill Ann Humbert, Celina  
 Karen Marie Humrichouser, New Albany  
 Nancy Lee Hyde, Warren  
 Brooke Patrice Jenkins, Canal Winchester  
 Anne Elizabeth Jensen, Strongsville  
 Kristin Marie Johnson, Cuyahoga Falls  
 Laura Beth Johnson, Painesville  
 Jeffrey Michael Jones, Newark  
 Kathleen Suzanne Jones, Columbus  
 Karen Renee Jutte, Fort Recovery  
 Helena S. Kalb, Bucyrus  
 Daniel Joseph Karl, Wooster  
 Lori Jane Keene, Newark  
 Barbara George Kefalas, Warren  
 Katherine Marie Keller, Harrod  
 Laura Lynn Keller, Toledo  
 Kathryn Dian Kerr, Columbus  
 Wendi L. Keysor, Columbus Grove  
 Elizabeth Ann Kiley, Medina  
 Kelly Ann Kirkpatrick, Columbus  
 Catherine Elizabeth Kish, Strongsville  
 Leeann Rae Kitchin, Cardington  
 Michael Leo Kletzly, Columbus  
 Martha Louise Klingshirn, Columbus  
 Debra Sue Kocks, Grove City  
 Lori Ann Kovack, Shadyside  
 Barbara Ann Lillian Kuck, Quincy  
 Robert Allan Kugel, Greenville  
 Cheryl Lynn Kuhlman, Leipsic  
 Shevelle Lynn Kunz, Frankfurt  
 Erik Caldwell Kyrk, Cardington  
 Carolyn M. Lake, Boston, NY  
 Gary Marc Lambert, Fostoria  
 Sara Catherine E. Lang, Columbus  
 Arthur Baines Lard, Columbus  
 Cathleen Ann Laughlin, Columbus  
 Lisa Arlene Lay, Columbus  
 Todd Alan LeBeau, Grove City  
 Jennifer Ballin Lee, Cortland  
 Deborah Ann Leonard, Gahanna  
 Betsy Ann Leonetti, Russell  
 Amy Sue Lewis, Cuyahoga Falls  
 Barbara Anne Lewis, Delaware  
 Gary Ray Lickovitch, Solon  
 Kimberly Sue Lyon, Fredericktown  
 Heather Lee Makley, Arlington  
 Wendy L. Mantle, London  
 Chauceran A. March, Gahanna  
 Tanya E. Markley, Delaware  
 Christy Lynn Markwood, Grove City  
 Kathryn Patricia Marshall, Orange Village  
 Bethanne Romine Martin, Columbus  
 Roger Blane Matherly, Dayton  
 Kelly Jean Mathews, Johnstown  
 Lisa Ann Mautz, McConnsville  
 Robyn Ann Mayer, Brecksville  
 Donna June McCance, Newark  
 Lisa Marie McClain, Olmsted Falls  
 Sonya Catherine McCoy, Coloma, MI  
 Julie Ann McFarland, Reynoldsburg  
 Michele Doreen McGreevy, Dayton  
 Christine Susanne McKinney,  
 New Albany

Irene Denise McLaughlin, Columbus  
 Kelly Ann McNulty, Seven Hills  
 Kellie Ann McPherson, Willard  
 Michelle Marie Meckler, Akron  
 Nicole Marie Meechan, Columbus  
 M. Dean Melchiorre, Hilliard  
 Erin Claire Miguel, Hudson  
 Elizabeth Garloch Miller, Heath  
 Molly Beth Miller, Napoleon  
 Russell Marvin Miller, Bellefontaine  
 Tristan Marie Miller, Wheelersburg  
 Margaret Zuber Mitchell, Columbus  
 Cameron Clark Moffett, Lima  
 Christine Elizabeth Mogan, Columbus  
 Julia Ann Moore, Lima  
 Kelli Ann Moreland, Reynoldsburg  
 Melinda Rene Morgan, Centerville  
 Nicole Dale Morris, St. Augustine, FL  
 Timothy Francis Morrison, Chicago, IL  
 Cynthia Anne Moser, Pandora  
 Kevin J. Neal, Philo  
 Jay Timothy Neher, Elyria  
 Jennifer Kay Nelson, Nevada  
 Debra Lynn Newman, Gahanna  
 Jeffrey Wayne Newman, New Boston  
 Jeffrey Lee Nichols, Flushing  
 Barbara Anne O'Connell, Ada  
 Charlotte Ann Oen, Wapakoneta  
 Donna Nicole Oguich, Bloomingdale  
 Janet Lynn Olin, Van Wert  
 Jeannie Lynn Olszewski, Steubenville  
 Pamela Sue Olszewski, Delaware  
 Tyrone Lamarr Olverson, Cincinnati  
 Margie D. Ostendorf, Delphos  
 Emily Owen, Perrysburg  
 Kathleen Pankavich,  
 Hamilton Square, NJ  
 Anita Marie Parker, Avon Lake  
 Kimberly Sue Parker, Ft. Wayne, IN  
 Thomas Howard Pavlansky, Poland  
 Kathleen Anne Paxton, Johnstown  
 Vickie Renee Phillips, Wapakoneta  
 Wendy Lynn Phillips, Bryan  
 Carolyn Sue Pillin, Youngstown  
 Jacqueline A. Poling, Mentor Lake  
 C. Elaine Pontones, Westerville  
 Frances Christine Porter, Loudonville  
 M. Margaret Porter, New Albany  
 Lance Eric Price, Toledo  
 Nancy Gail Pusateri, Columbus  
 Christopher Allen Qualls, Columbus  
 Aileen Lynette Raiston, Whitehall  
 Phyllis Ellen Randall, Fredericktown  
 Michelle Lee Rapol, Zanesville  
 David Anthony Rash, Mayfield Village  
 Kelley Shawne Rayder, Grove City  
 Lisa Renee Raynor, Marion  
 Nancy Rapp Reeves, New Holland  
 Julia Ann Reiter, Bucyrus  
 Beverly Adele Remy, Galloway  
 Laura Lee Rengert, Marion  
 Deborah Kay Ridenour, Columbus Grove  
 Lisa Ann Rieglmayer, Dublin  
 Diane Lynette Ringhiser, Newark  
 Michele Ann Rini, Highland Heights  
 Debra Lynn Ritter, Crestline  
 Tracy Lynn Ritter, Columbus  
 Richard Vaughn Roberts, Alexandria  
 Amy Beth Roeder, Lima

Jamie Annette Roemer, Palmyra, IL  
 Susan Marie Norris, Worthington  
 Bruce Robert Roth, Worthington  
 Hollie Lynn Rothenbusch, Cincinnati  
 Ann Marie Ruggiero, Tiffin  
 Molly Irene Ryan, Columbus  
 Anita Kay Salyer, Bellefontaine  
 Susan Lynn Saunders, Cincinnati  
 Julie Anne Schaefer, Cincinnati  
 Jennifer Kathryn Scheeff-Spang,  
 Coshocton  
 Jeffrey Patrick Scheetz, Reynoldsburg  
 Laura Marie Scheffler, Bucyrus  
 Cheryl Lyn Schemenauer, Cincinnati  
 Patrick Bernard Schlecht, Marion  
 Kimberly Ann Schmenk-Langhals,  
 Glandorf  
 Mary Jane Schneider, Cloverdale  
 Paul Douglas Schramm, Vermilion  
 Cathy Dorn Schwartz, Lyndhurst  
 Patricia Marie Seikel, Akron  
 Calli Ann Selzer, Akron  
 Deborah Louise Shearer, Louisville  
 Kathy Louise Sheets, Marengo  
 Moreen Neely Ruth Shelby, Mentor  
 Raegina Suzanne Shepherd, Coshocton  
 Richard Brent Sherman, Ashville  
 Kelly Colleen Sherrin, Worthington  
 Patricia Suzann Shinde, Ashtabula  
 Michael Gilbert Shoaf, Orwell  
 Edward Irl Sidwell, Galion  
 George Richard Smith, Delaware  
 Jennifer Ann Smith, Ashland  
 Marsha Elaine Smith, Bellefontaine  
 Melanie Ann Smith, Granville  
 Rebecca Lynn Smith, Elida  
 Meredith Ann Smucker, Grove City  
 Jeffrey Steven Snapp, Columbus  
 Jennifer Anne Snyder, Columbus  
 Linda Sue Speakman, Grover Hill  
 Suzanne Lea Sperber, Medina  
 Amy Michele Springer, Dublin  
 Rita Jean Squires, Cardington  
 Tonya Renee Stalnaker, Orrville  
 Douglas Allen Stark, Worthington  
 Cheri Rene Stentz, Worthington  
 Bruce Paul Stephanic, Massillon  
 Brian Scott Stephens, Bellefontaine  
 Lisa Stalling Stevens, Cleveland Heights  
 Amy Louise Strager, St. Clairsville  
 Molly F. Strauhal, Westerville  
 Juliann Marie Stredney, Ashtabula  
 Terri Linn Suever, Delphos  
 Susan Agriesti Summers, Columbus  
 Edward M. Szczepanski, Marion  
 Steve Adam Tabor, Toronto  
 Linda B. Taylor, Johnstown  
 Vickie Lynn Tomlin, Lorain  
 Charlotte Teresa Tompkins, Columbus  
 Annette Jo Tooman, Leipsic  
 Jennifer K. Troutner, Maumee  
 Kimberly Lynn Truman, Norwalk  
 Laura Lynn Trzaskoma, Toronto  
 Lisa Beth Tucker, Maumee  
 Susan Elizabeth Turk, Ashland  
 Wynne Ann Udovich, Avon Lake  
 Cheryl Lynn Upperman, Groveport  
 Renee Marie Urbanczyk,  
 Brooklyn Heights

Connie H. Vagner, Canal Winchester  
 Shelley Anne Vanaman, Coshocton  
 Cynthia Sue Vanderbrink, Troy, MI  
 Beth Ann Vanuch, Medina  
 Susan Jane Verkest, Newark  
 Lisa Ann Vitali, St. Charles, IL  
 Paul James Waller, Cuyahoga Falls  
 Laura Lynn Ward, Marysville  
 Christine Margaret Weinmann, Lakewood  
 Pamela Lyn White, Marion  
 Julie Ann White Gundy, Centerburg  
 Martha Irene Wilcox, Mt. Gilead  
 Denise Clare Wilkinson, Westerville  
 Scott Allen Williams, Tiffin  
 Jennifer Mary Wilson, Jenera  
 Kelly Sue Wilson, Grove City  
 Philip Wesley Woodward, Columbus  
 Ann Marie Wright, Independence  
 Lisa Anne Wucinich, North Canton  
 Kara Lynn Yagnesak, Elma, NY  
 Daniel Lee Yeager, Mt. Vernon  
 Julie Anne Yirga Park, La Rue  
 Jennifer Lynn Young, Columbus  
 Sandra Kay Young, La Rue  
 Stacy Ann Zaworski, Avon Lake

**Bachelor of Art Education and Bachelor of Music Education degrees are offered jointly by the College of the Arts and the College of Education. Candidates are listed under the College of the Arts.**

## College of Engineering

Acting Dean: Robert F. Redmond

### Bachelor of Science in Aeronautical and Astronautical Engineering

Jan Ove Akerjordet, Sandnes, Norway  
 Daniel James Aug, Jr., Cincinnati  
 Michael Damien Becks, Lakewood  
 Eric Robert Benson, Kettering  
 Eric Scott Bish, Clarion, PA  
 Marci Lynn Bonello, Leechburg, PA  
 James Bradley Cunningham, Rushville  
 Lee Bradley Davis, South Euclid  
 Duane Trent Detwiler, North Canton  
 Tor Finn Dietrichs, Medina  
 Daniel Joseph Ensminger, Columbus  
 John Ramsay Fulton, St. Clairsville  
 Douglas Sandford Gulick,  
 Painted Post, NY  
 Timothy Andrew Hampshire, Tiffin  
 Peter S. Lee, Columbus  
 Robert John Leiweke, Columbus  
 Matthew Joseph Manifold, Kettering  
 Luis Edward Marin, Homestead, FL  
 Eric Otto Medici, Dublin  
 Kevin Lyle Patton, Eagle River, AK  
 Stephen Ned Pellican, Whitehall  
 Matthew Allen Streyb, Beaver creek  
 David Dewantara Sujudi,  
 Jakarta, Indonesia  
 Kelly Eugene Thornton, Raymond  
 M. Catherine Trenta, Akron  
 Jonathan Mikel Younkman, West Liberty

### Bachelor of Science in Agricultural Engineering

Brad Jon Core, Spencerville  
 Alan Edward Dick, Shelby  
 Xenofon I. Fragoulis, Chios, Greece  
 David Allan Kurt, Kenton  
 Thomas Harold Marshall, Columbus  
 Patrick Allen McNamara, London  
 Joseph Day Sheaffer, Upper Sandusky  
 Gregory Wayne Trubey, Sunbury

### Bachelor of Science in Aviation

James Edward Betounes, Elyria  
 Burton Lee Blosser, Medina  
 Ryan Patrick Foley, Corapolis, PA  
 Ronald Henry Hall, Jr., Toledo  
 Roger Allen Hammill, Bellevue  
 Larry Hilbert Hartshorn, Worthington  
 Thomas Scott Hayba, Reynoldsburg  
 Kevin Eugene Henderson, Medina  
 Jeffrey Allen Jennings, Mentor  
 Robert Lee Madaris II, Cincinnati  
 Kenneth Eugene Simmons, Columbus

### Bachelor of Science in Ceramic Engineering

Lora Diann Birkefeld, Grove City  
 Jacqueline Marie Cordonnier,  
 Rochester Hills, MI  
 John Michael Eggiman, Zanesville  
 David Richard Jancuk, Columbus  
 Dal Cielo Marcelo Lustre, Centerville  
 Christopher Gabriel Miranda, Lorain  
 Michael Ty Morse, Marion  
 Joseph Samuel Sebastian, Cincinnati  
 Robin Lee Sidwell, Upper Arlington  
 Michael Joseph Sturm, Brunswick  
 Paul G. Turkal, Berea

### Bachelor of Science in Chemical Engineering

Lynn Marie Adams, Cincinnati  
 Ann Marie Corey, Toledo  
 Reinhard Friedrich Eisenmann, Columbus  
 Denise Entzi, McDonald  
 Deborah Ann Fahey, Pittsfield, MA  
 Gregory Edward Grotke, Sylvania  
 Christine Marie Hrenya,  
 Middleburg Heights  
 Wadad Ghazi Dunia A. Khalaf,  
 Tripoli, Lebanon  
 Julie Marie Landis, Greenville  
 Krikor Malajikian, Garfield Heights  
 Daniel Xuan-Vu Nguyen, Columbus  
 Bernard Lewis Nutter, Norton  
 Kirsten Anne Perkey, Findlay

Brian Joseph Schiavone, Youngstown  
 Timothy Joseph Shell, New Washington  
 Joseph Stephen Vargo, Maple Heights  
 Marcella Irene Vista, Weirton, WV  
 Robert Matthew Wolterman, Fairfield  
 Richard Lee Wright, St. Clairsville

### Bachelor of Science in Civil Engineering

Marjorie Elaine Allen, Clarion, PA  
 Keith Alan Amstutz, Orrville  
 Thomas Michael Barnitz, Kingston  
 Christopher Peter Benosky, Far Hills, NJ  
 Andrew S. Bothwell, Mentor  
 Erica Anita Bower, North Baltimore  
 Thomas Scott Bradford, Coshocton  
 Roberto Jose Duarte, Columbus  
 Charles Wayne Duvall, Williamsport  
 Michael Allen French, Marion  
 Steven Bartell Geib, Shreve  
 Carla Ann Henry, Heath  
 John Jay Johnson, New Lexington  
 Matthew Scott Lauffer, Bartlesville, OK  
 Andrew Lee Linard, Timberlake  
 Brian Keith Logston, Woodsfield  
 Steven Robert Manning, Grove City  
 Jeffrey Leigh Martin, Mentor  
 Paul Robert Nerswick, Cincinnati  
 Christian Devon Osborn, Findlay  
 Jeanne Marie Powell, North Olmsted  
 Robert Frank Shackelford, Proctor, VT  
 Robert Thomas Shoaf, Whitehall  
 Randolph Bryan Spencer, Strongsville  
 Jeffrey Paul Thompson, Columbus  
 Ellette Renee Wagenman, Shelby  
 Robert Charles Zwick, Lower Salem

### Bachelor of Science in Computer and Information Science

Nilesh Subhash Amin, Eastlake  
 John David Bair, Bainbridge  
 Tom Arden Broadstock, Enon  
 Lun-Kei Chan, Hong Kong  
 David Mark Charlson, Norton  
 Michael Allen Clore, Cincinnati  
 Scott David Eldridge, Lima  
 Patrick Irving Frea, Orient  
 Michael Robert Funge, Warren  
 MaLinda Jo Galich, Adena  
 Thomas Daniel Golus, Jr., Toledo  
 Neeraj Gupta, New Delhi, India  
 Markus C. Hertel, Delaware  
 Mark Anthony Hohlbein, Delphos  
 Alphonse John Hueve, Columbus  
 Michael James Isovitsch, Westerville  
 Eric Paul Kaylor, Pickerington  
 Itzhak Keren, Reynoldsburg  
 Seungho Lee, Dublin  
 Timothy Alan LeMasters, Bellaire  
 Brenda L. Liming, Spencerville  
 Eddie Tun-Jin Lin, Columbus  
 Vinh Chi Loi, Kettering  
 David Mark Madison, Salem  
 David Thomas Mann, North Olmsted  
 Anant Behari Mathur, Warren

Shane Alan McWilliams,  
Oakwood Village  
Eric John Miller, Worthington  
Barry James Petros, Sagamore Hills  
Michael Joaquin Porter, Columbus  
Michelle Denise Price, Norwalk  
Lance Lisauskas Riggio, Denville, NJ  
Robert Edmund Roden, North Canton  
Terry Preston Roe, Enon  
Matthew Francis Rutkowski, Toledo  
Steven Dale Schave, Perrysburg  
Scott L. Shoemaker, Akron  
Kenneth Lee Siders, Marion  
Ka Fai Sit, Hong Kong  
Robert Howard Steele, Jr., Fairborn  
Mark August Visconti, Worthington  
James Gregory Vosler, Gahanna  
Brian Lee Widdowson, Mentor  
James Michael Wildman, Springfield  
Ung Ho Yi, Columbus

### **Bachelor of Science in Electrical Engineering**

Gregory Joseph Adams, Independence  
Karl Francis Adams, Boardman  
Todd Anthony Adams, Syracuse  
Eric Einer Anderson, North Olmsted  
Puneet Arya, Grove City  
Thomas Joseph Bertosa, Mentor  
Udayan Yogendra Bhatt, Westerville  
Richard Martin Born, Cincinnati  
Patrick James Carlin, Jr., Beallsville  
Maureen Carol Carney, Columbus  
Kevin Lee Chandler, Westerville  
Roger Chihua Chu, Worthington  
Jeffrey Alan Conrath, Worthington  
Zeina Daoud, Dunkirk, France  
Donald Eugene Dennis II, Marietta  
Donald Scott DeRodes, Findlay  
Richard James Doce, Mentor  
Scott Joseph Erdman, Sagamore Hills  
Eric Allen George, Beaver Falls, PA  
Simon Parsegh Ghazarian, Columbus  
Philipp Michael Glaser, Shaker Heights  
Vern Todd Gregg, Mechanicsburg  
Annette Lisa Haddad, Brunswick  
Mohammed Hakim, Damascus, Syria  
Samer Mohammed Halawa,  
Amman, Jordan  
Wallace J. Hallas, Columbus  
Fred Wayne Hartman, New Albany  
Michael Kim Hater, Amanda  
Michael Robert Hauser, North Olmsted  
Shanker Ram Iyer, Worthington  
Steven Kenneth Jenkins, Parma  
Gordan Jurasek, Lakewood  
Patrick William Kelly, Worthington  
David Andrew Kiehl, Cincinnati  
James Edward Kight, Cuyahoga Falls  
James Milton Kinney, Bowerson  
Ashish Lahoti, Dublin  
Anita Michelle Leedy, Elyria  
Lori Ann Leithe, Grove City  
Liesl Marie Little, Beaver Creek  
Nakorn Masathienvong,  
Bangkok, Thailand  
Dean Lewis McAllister, Hilliard

Richard Dale McFerron, Jr., Columbus  
Christopher Graham Meil, Willowick  
David Andrew Mitchell, Columbus  
Scott Allen Montgomery,  
Wisconsin Rapids, WI  
Ming Cai Ngiam, Sabah, Malaysia  
Cornel Pazara, Akron  
Nenad Pejic, Seven Hills  
George Starling Powley, Jr., Carlisle  
Subha Venkat Raman, Columbus  
Michael James Rayfield, Columbus  
Jeffrey Lee Riemer, Grafton  
Ravi Kumar Saggar, Brecksville  
Mark Joseph Samborsky, Pickerington  
Nicholas John Schmansky, Powell  
Sanjay Sehgal, Worthington  
David Nicholas Shemas, Toledo  
Pichai Srisushon, Bangkok, Thailand  
Richard Avelis Tattoli, Worthington  
Kevin Morgan Taylor, Plymouth  
Chin-Ghee Toh, Penang, Malaysia  
Alex David Tucker, Columbus  
Adina Tumageanian, Gahanna  
Renard Richard Ulrey, Ohio City  
Bruce James Vetter, Portsmouth  
Daniel Richard Waugh, Troy  
Justin Lloyd White, LaPorte, IN  
Winarto Wijono,  
Surabaya Jatim, Indonesia  
Mark Anthony Wilken, Gahanna  
Jay Choon Hoong Wong, Singapore  
Christopher William Woodward,  
Columbus

### **Bachelor of Science in Engineering Physics**

Katherine Anne Essenhugh, Columbus  
John Peyton Haas, Beaver Creek  
Keith David Kingsley, Paris  
Shawn David Michalak, Canton  
James Stuart Tisdall III, Columbus  
Thomas Gregory Vassell, Columbus

### **Bachelor of Science in Industrial and Systems Engineering**

Edward A. Adelman, Cincinnati  
George Anthony Banas, Bedford  
Christine Ellen Block, Berea  
Mark Raymond Bonnoront, Sidney  
Richard James Cabell, Cincinnati  
Jeffrey Anthony Cappel, Cincinnati  
Lisa Jo Carrico, Xenia  
Michael B. Clark, Convent Station, NJ  
Eric Nelson Dietsch, Edgerton  
Kristi L. Dupre, Miamisburg  
Scott Allen Eberhart, Brunswick  
Kurt Alan Engel, North Ridgeville  
Kelly Ann Farrar, Toledo  
Charles George Hwang, Strongsville  
Todd Michael Jenkins, North Canton  
Anita Yvonne Johnson, Toledo  
Hazem Hisham Katabi, Damascus, Syria  
Matthew Lee Keller, Bradner  
Stacey Lee Klingenberg, Mentor  
Michael Patrick Lampf, Newark

Katherine Ruth Lehman, Bay Village  
Ralph Douglas Lillico, Elyria  
John Gary Long, Lorain  
D. Gregory McNelly, South Webster  
Todd Michael Myers, Westlake  
Ling Ling Ng, Johara Baru, Malaysia  
Richard Christopher O'Brien,  
New Lebanon  
Lee Henry Peplinski, Massillon  
Jonathan James Revelos, Middletown  
Lennie Dorrian Rhoades, Grove City  
Rebecca Ann Korick, Circleville  
Jeffrey Michael Royer, Columbus  
Charles Stevin Smith, Lynchburg, VA  
Mitchell Allen Smith, Fremont  
Fenarni Sri, Magatan, Indonesia  
David James Stech, Broadview Heights  
Stefanus Sofjan Suhadi,  
Surabaya, Indonesia  
Andreas Tiara, Surabaya, Indonesia  
Tiffany Charisse Wright, Akron  
Gregory Vladimir Zaharewicz, Bedford

### **Bachelor of Science in Mechanical Engineering**

Douglas Elwell Andersen, West Jefferson  
Ronald Andrew Bailey, Elyria  
Todd Michael Bello, Bellbrook  
Joseph Frank Bertolini, Akron  
John Harlan Bockbrader, Columbus  
Scott Alan Bohman, Yorkshire  
Michael Earl Brill, Bartlett  
Richard James Cumbo, Centerville  
Jonathan Adam Dawson, Hilliard  
Kurt William Deal, Genoa  
Andreas Charalambos Diakos,  
Nicosia, Cyprus  
Douglas Anthony Egnaczyk,  
Boonville, NY  
Cynthia Jane Elston, Convo  
Edward Allen Frey, Shelby  
Sanjay Gupta, Centerville  
Brett Allen Hall, Columbus  
Sean Thomas Haney, Columbus  
Christopher Mayo Hardy, Centerville  
Daniel D. Heyer, Circleville  
Barry Scott Hounshell, Greenville  
James Edward Howard, Westerville  
Matthew Dale Huston, Akron  
Raymond Edward Johnson, Reynoldsburg  
Scott Allen Johnston, Carroll  
Yale Robert Jones, Hamilton  
Erik Richard Kelley, Findlay  
Matthew Joseph Klopstein, Worthington  
Matthew Burke Koernig, Cincinnati  
Jeffrey Alan Kollesser, Fairborn  
Mark Allen LaBelle, Granville  
Paul Richard Lajcak, Brecksville  
Donald Philip Larson, San Francisco, CA  
Timothy Brian Lewis, Pickerington  
David Eugene Lochtefeld, Sydney  
Mitchell Patrick Logar, Grafton  
Jerome Lee Longbottom, Columbiana  
Juan-Carlos Maymir, Cincinnati  
Rhonda Lynn Maynard, Cleveland  
Kevin Charles McMahon, Warren  
Carl Francis Merhar III, Worthington

John Arthur Monahan, Bethesda  
Timothy Allan Myers, Columbus  
Wesley Cortland Prout, Youngstown  
Renee Allene Putt, Navarre  
Denis Michael Ross, Findlay  
Robert Steven Samanich, Rocky River  
John Douglas Scott, West Chester  
Dale Eugene Smith, St. Clairsville  
Rodney Paul Snavely, Republic  
Elliot Todd Snow, Middletown  
David Michael Stone, Ft. Recovery  
Cynthia Marie Torges, Ostrander  
Kenneth Lewis Worthy,  
Colorado Springs, CO  
Roger Andrew Yee, Newark

### **Bachelor of Science in Metallurgical Engineering**

Patrick Dean Burley, Belmont  
Mark David Burval, Solon  
George Joseph Dowidchuk, Novelty  
Valerie Jean Dussich, Cleveland  
Michael Gerard Launsbach, Scotia, NY  
Matthew Burnis Perkins, Hamilton  
Matthew Richard Shaffer, Mansfield  
David W. Turner, St. Clairsville  
John Allen Varhola, Garfield Heights

### **Bachelor of Science in Surveying**

Joseph Frank Charlson, Norton  
Thomas Richard Hansley, Lancaster  
Michael Patrick Lomano, Westerville  
John Douglas Wilson, Lancaster

### **Bachelor of Science in Welding Engineering**

Mark Andrew Boes, Findlay  
Polly Ann Davis, Grove City  
David Joseph Eiben, Townsend, MD  
Gregory Jon Frederick, Tiffin  
Daniel Michael Glood, Worthington  
Wayne Howard Grove, Hanover Park, IL  
Mark Edward Huber, Toronto  
Shane Alexander Jacobs, Belpre  
Mark Christopher Knapp, Worthington  
Steven Michael Mapes, Columbus  
Tracy Wendell Nelson, Columbus  
Leonard Dale Ormson, Owatonna, MN  
Stacy Dean Pullins, Worthington  
Joseph Victor Roebke, Columbus Grove  
Jeffrey Daniel Schaefer, Sylvania  
Kris Jay Schott, Marietta  
Robert Charles Smith II, Lynchburg, VA  
Bryan Douglas Worley, West Alexandria  
Russell James Zanowick, Miamisburg

### **School of Architecture**

#### **Bachelor of Science in Architecture**

William John Batson, Jr., Cleveland  
Richard John Beckman, Loveland

Robert C. Brobson II, Montoursville, PA  
Thomas Michael Brozovic, Massillon  
Jeffrey Louis Burk, Columbus  
Jeffrey Allen Busch, North Olmsted  
Michael Joseph Carline,  
State College, PA

Kenneth Michael Cleaver, Massillon  
Kimberly Rae Cokeley, Pickerington  
Aaron Douglas Collins, Mansfield  
Steven Allen DeStefano, Roseville, MI  
Susan Marie Dunlope, Eaton  
Daniel Brian Ferdelman, Kettering  
John Victor Foley, North Olmsted  
Thomas William Gates, Parma  
Michael Joseph Giuliani, Columbus  
David C. Glover, Troy  
David Lee Haught, Hannibal  
Mark Alan Hess, Columbus  
Amy Jannette Hoffman, Worthington  
James Brian Kiley, Medina  
P'Elizabeth Rowe Koelker, Akron  
Heidi Lee Liebes, Sylvania  
Stephen Patrick Lister, Worthington  
Peter Allen Marino, Jr., Maple Heights  
Mary Susan Marquardt, Cincinnati  
Frank A. Massaro, Jr., Mentor  
Callie Marie McKinnon, Columbus  
Patrick Michael McNamee, Columbus  
Kyongson Pae, Springboro  
Phillip Lloyd Rudy, Miamisburg  
Ross Chappell Sanford III, Mason  
Matthew Thomas Schluab, Bexley  
John A. Seamon, Westerville  
Douglas William Sewell, Columbus  
Alan Thomas Shaia, Richmond, VA  
Earl Matthew Staffan, Galloway  
James Joseph Tepley, Cleveland  
Stephen Russell Tweed, Columbus  
Stephen Michael Zeik, St. Clairsville

#### **Bachelor of Science in Landscape Architecture**

James Edward Arch, Cincinnati  
Bruce Timothy Bee, Tallmadge  
Gary Michael Bertolo, Syracuse, NY  
Kathrine Elizabeth Cameron, Dublin  
Scott Lawrence Claus, Collins  
Thomas Brent Comisford, Alexandria  
Kevin Michael Fallona, Granville  
Lori Ann Francisco, Columbus  
Brian Carmen Gaitan, Bainbridge  
Jennifer Jo Goodrich, Castle Rock, CO  
Richard W. Green, Jr., Middletown  
Tedd Nelson Hardesty, Shelby  
Todd Joseph Jackson, Burton  
Steven Joseph Lichtenberg, Cincinnati  
Anne Louise Lind, Springfield  
Mark Christopher Lomonico, Pickerington  
Toby Warrington MacElroy,  
Pasadena, CA  
J. Matthew Miller, Columbus  
Joseph A. Mitchell, Gratiot  
Richie Lee Oster, Canton  
Anne Miller Pensyl, Columbus  
David Michael Quinn, Columbus  
Michelle Elaine Scranton, Solon

Scott Allen Shannon, Columbus  
Steven James Slominski, Cincinnati  
Julie Kay Taggart, Columbus  
Candace Maria Tidyman, Mt. Vernon  
Richard Ryland Washington, Cleveland  
Richard Todd Wysocki, North Ridgeville

### **College of Human Ecology**

Dean: Lena Bailey

#### **Bachelor of Science in Human Ecology**

Kristina Kim Adams, Syracuse  
Sheryl Lyn Agresta, Steubenville  
Karen Leigh Alexander, Mt. Sterling  
Susan Elaine Arth, Westlake  
Jami Lynne Atkins, Cincinnati  
Kerry Angeline Banks, Lucas  
Tina Delene Beardmore, Zanesville  
Therese Marie Belersen, Cincinnati  
Christine Jae Bennett, Pataaskala  
Sherry Ann Bidwell, Grove City  
Tina Marie Boaz, Powell  
Erica Diane Boger, Cardington  
Michelle Renee Boyer, Mendon  
Rena Sue Boyles, Cleveland  
Gregory Breitenbach, Dublin  
Carey Ann Brooks, Nelsonville  
Julia Faye Burnham, Berlin Heights  
Kristi Jill Calhoun, Dayton  
Lauren Rose Calpin, Worthington  
Patricia Sue Casey, Oregon  
Beth Anne Cashen, Sylvania  
Gina Grace Changet, Columbus  
Kendra Kay Chesser, Columbus  
Linda Susan Clemens, Columbus  
Sheri Christine Crahalla, Westerville  
Carrie Antonina Dado, Columbus  
Annette Marie Dariano, Tiffin  
Megan LeAnne Day, Pickerington  
Ellen Marie Deffet, Columbus  
Joette Dolan, Bay Village  
Sarah Lynne Donohoe, Woodstock  
Lisa Marie Dorsey, Willowick  
Jennifer Lynn Dunaway, Columbus  
Richard Theodore Eck, Cincinnati  
Kristyn Ann Elliott, Columbus  
Cynthia Ann Erwin, Buchanan, MI  
Katherine Elizabeth Evans, Chagrin Falls  
Michelle Andrea Feichtner, Mansfield  
Sharon Joan Fendrick, Worthington  
Berita Javette Fleshman,  
Cleveland Heights  
Janice Lyn Fonarow, Hilliard  
Michele R. Fulton, Mentor  
Pamela Joan Gall, Wadsworth  
Christina Maria Gallo, Cincinnati  
Denise Michelle George, Lancaster  
Megan Mary Gilson, Cleveland  
Pamela Sue Granchi, Columbus  
Mary Gerardette Groce, Columbus  
Gretchen Enid Grossman, Mt. Gilead

Patrick Richard Gulden, Cincinnati  
 Jody Lynn Hagan, Zanesville  
 Lori Lynn Hanchin, Reynoldsburg  
 Andrea Jill Hankle, Columbus  
 Kristen Marie Helminger, Sidney  
 Heidi Ann Hofrichter, Loveland  
 Tammy Jean Hood, Columbus  
 Amy Jane Hunter, Columbus  
 Elizabeth Ann Jones, Columbiana  
 Jennifer Dale Kaden, Richmond Heights  
 Tonya Jill Kelley, Columbus  
 Shawn Marie Kiraly, Akron  
 John Michael Kotradi, Amherst  
 Jetta Lynn Kramer, Van Wert  
 Robert Kenneth Lachey, St. Henry  
 Rachel Elizabeth Landoll, Columbus  
 Dennis Ray Long, Dayton  
 Shelley Ilene Mabel, Manitou Beach, MI  
 Jennifer Lynn Malich, Columbus  
 Matthew Christian Malone, Columbus  
 Jennifer Ann Maloney, Auburn, NY  
 Roger Todd Mapes, Akron  
 Kimberly Ann Massie, Worthington  
 Elizabeth M. Mathews, Worthington  
 Tonda Kay Matney, Columbus  
 Renee Lynn McNeal, Kenton  
 Julie Kristine Merce, Sylvania  
 Samantha Lynn Miller, Toronto  
 Kimberly Jane Mitchell, Beavercreek  
 Tracey Lynn Mitchell, Columbus  
 Meredith Leslie Morris, Hudson  
 Julie Anne Helen Murray, Milford  
 Denise Sue Nowak, Perrysburg  
 Nancy L. Owens, Reynoldsburg  
 Jillianne L. Pfeifer, Westerville  
 Lisa Noelle Phillips, Columbus  
 Michele Darlene Plante, Johnstown  
 Ann Marie Popovich, Richwood  
 Elizabeth Jane Protheroe, Worthington  
 Daniel John Quinn, Mentor  
 Stacey Joy Reynolds, Akron  
 Ann Louise Rigsby, Worthington  
 Mayra E. Rivera Rosado, Columbus  
 Heather Roberts, Cincinnati  
 Jane Maria Ross, Lancaster  
 Melisa Jean Salamony, Galloway  
 Margaret Mary Sanderell, Lancaster  
 Mary Elizabeth Satink, Bay Village  
 Stephanie Jill Schneider, Englewood  
 Kevin Lee Sherman, Columbus  
 Gretchen Elaine Shonk, Columbus  
 Bridgette Marie Sloan, Columbus  
 Karen Diane Solar, Middletown  
 Nancy Ruth Sprague, Elyria  
 Karen Marie Steiger, Zanesville  
 Robin Swan, Dayton  
 Megan Martha Taylor, Columbus  
 Stephanie Paige Taylor, Defiance  
 Nancy Sue Tettenhorst, Worthington  
 Niki-Marie Topougis, Akron  
 Debra Sue Turnbull, Ashville  
 Jeanette Laura Vela, Westlake  
 Anne Carolyn Voelz, Akron  
 Sharon Ann Ward, Cridersville  
 Lori Kay Wenger, New Philadelphia  
 Bryan David Williams, Powell  
 Jane C. Woehler, Cincinnati  
 Diana Lynn Young, Hilliard  
 Micheal Plemmons Zartman, Worthington

### **Bachelor of Science in Hospitality Management**

Timothy Barton Atkinson, Westlake  
 Michael Matthew Bouhall, Bay Village  
 Rebecca Ellen Coomer, Columbus  
 Jack William Harris, Berkley, MI  
 Keith Robert Irvin, Delaware  
 Joseph Kenneth Jenkins, Chicago, IL  
 James Aaron Lusk, Galion  
 Kathryn Anne Pauline, Mt. Union, PA  
 Janet Marie Purpus, Minster  
 Gregory Lynn Rossi, Warren  
 Linda Christina Smith, Columbus  
 Kenneth Carl Sorg, Columbus  
 Karin Ann Sypniewski, West Chester  
 Laurie Ann Verhoff, Lima  
 John David Wagoner, Highpoint, NC  
 Shelly Yolanda Waters, Dayton

### **Bachelor of Science in Nutrition**

Edward Joseph Baddour, Cincinnati  
 Amy Michele Cohagan, Newark  
 Julie Elizabeth Hoover, Troy  
 David Scott Madwar, Columbus  
 Seema Madhu Parekh, Troy  
 Dana Marie Smith, Sandusky

### **College of Law**

Dean: Francis X. Beytagh

### **Juris Doctor**

Theodore Lee Adams, Springfield  
 B.A. (Wittenberg University)

Kelly D. Ambrose, Huntington, WV  
 B.A. (Marshall University)

Douglas Lee Anderson, Rocky River  
 B.A. (University of Michigan)

Marilyn Louise Anderson, Granville  
 B.A.; B.S.Bus.Ad.; M.B.A.

Elizabeth Laughlin Anstaett, Columbus  
 B.A. Jour.

Carl Andrew Anthony, Detroit, MI  
 B.A. (Central Michigan University)

Margaret Jane Armstrong, Columbus  
 B.A.

Ryan Neal Armstrong, Washington, WV  
 B.A. (West Virginia University)

Julieta P. Arthur, Carol City, FL  
 B.A. (Florida International University)

Ron Jay Aschenbach, Klamath Falls, OR  
 B.S. (Oregon Institute of Technology)

Martin Nobuhisa Baba, Columbus  
 B.A. (Denison University)

Jeffery Alan Bahnsen, Perrysburg  
 B.S. Agr.

Thomas Franklin Bedsole, Sherman, TX  
 B.S. (Indiana University)

Robert Charles Berry, Wadsworth  
 B.S. Agr.

John Armin Blaufuss, Toledo  
 B.A. (University of Toledo)

Lawrence Christopher Bobbitt, Dublin  
 B.A. (Bethany College)

Thomas Monroe Bolon, Jr., Columbus  
 B.A.

Deborah Ann Bonarrigo, Columbus  
 B.A.

James Jay Brose, Cincinnati  
 B.B.A. (University of Cincinnati)

Janilyn Sue Brouwer, Grandville, MI  
 B.A. (Hope College)

Eric Nathan Brown, Bronx, NY  
 B.A. (Norfolk State University)

Susanna Marie Brown, Wooster  
 B.A. (Kenyon College)

Jerome Martin Bryan, Canfield  
 B.A. (Youngstown State University)

Dennis Patrick Byrnes, Cincinnati  
 B.S. (Case Western Reserve University)

John Brooks Cameron, Medina  
 B.S.Bus.Ad. (University of Akron)

Pamela Marie Carlucci, Struthers  
 B.S.Bus.Ad. (John Carroll University)

Karen S. Casey, Columbus  
 B.A. (Ohio Dominican College);  
 M.A.

Louis Samuel Cataland, Columbus  
 B.S. (University of Michigan)

Jeffrey C. Clark, Malinta  
 B.L.A.L. (University of Toledo)

Thomas Charles Clark, Delaware  
 B.A. (University of Cincinnati)

Robert Joseph Cochran, Painesville  
 B.A. (Miami University)

Carl Edward Coles, Columbus  
 B.S.Bus.Ad.

Lisa Jeannine Conomy, Chagrin Falls  
B.A. (Georgetown University)

Caroline Scales Craddock,  
Los Angeles, CA  
B.S. (University of Southern California)

Craig L. Crawford, Kettering  
B.A. (College of William & Mary)

Murray Abram Davis, Columbus  
A.B. (University of Michigan)

Karen Ann Dawkins, Columbus  
B.S.Soc.Work

Robert Scott Deedrick, New Philadelphia  
B.A. (Ohio Northern University)

Heidi Marie Demattio, Hudson  
B.S.

Christine Marie Derose, Canfield  
B.S. (Youngstown State University)

Mary Margaret Devitt, Columbus  
B.S.Nurs.

Michael A. Diener, Columbus  
B.S. (Massachusetts Institute of  
Technology)

Katherine Marie Doersch,  
Arlington Heights, IL  
B.A. (University of Wisconsin)

Breaden Marshall Douthett, Jackson  
B.A. (Denison University)

Michelle Leah Dranichak, Columbus  
B.A.

Robert Lee Eblin, Columbus  
A.B. (Harvard College)

Paul Cornell Eckel, Provo, UT  
B.A. (Brigham Young University)

Michael Lee Elfenbaum, Cincinnati  
B.A. (Indiana University)

Laura Andreeff Ephlin, Akron  
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Keith Lloyd Faber, Battle Creek, MI  
B.S. (Oakland University)

Christine Ann Fallon, Shaker Heights  
B.A. (Boston College)

Scott Anthony Fatur, Greensburg, PA  
B.A. (Pennsylvania State University)

Beth Ann Finnerty, Poland  
B.A. (Wittenberg University)

Holly Robinson Fischer, Columbus  
B.A.

Terri Hidy Foltz, Granville  
B.S.Agr.

Christopher John Freeman, Elyria  
B.S. (University of Akron)

Heather Elaine Gallagher, Middletown  
B.S. (Miami University)

Jennifer Lynn Gearheart, Columbus  
B.A. (Judson College)

Christine Marie Geers, Dover  
B.A.

Franz August Geiger, Toledo  
A.B. (University of Michigan)

Norman Robert Goad, Jr., Cincinnati  
B.S.Bus.Adm.

Kenneth Alexander Godlewski, Lorain  
B.A. (College of Wooster)

Andrew Jay Gottlieb, Tucson, AZ  
B.A. (University of Arizona)

Jacqueline Sue Gradisar, Akron  
A.B. (Boston College)

James Dale Gray, Kent  
B.B.A. (Kent State University)

Stephen Christopher Gray, Madison, WI  
B.S. (University of Wisconsin-Madison)

Jane Marie Grilliot, Celina  
B.A. (Ohio Northern University)

Suzanne Kaye Hanselman, Middleburg  
B.A. (Miami University)

Jonathan Richard Hanson,  
Owatonna, MN  
B.S. (College of Saint Benedict)

Priscilla L. Hapner, Hillsboro  
B.A.

Timothy Nels Harildstad, Reynoldsburg  
B.A. (North Dakota State University)

Patrick Noll Harris, Columbus  
B.S. (Bowling Green State University)

Richard Orin Hawley, Jr., Canfield  
B.A. (De Pauw University)

Robert David Hays, Columbus  
B.A.

Eric Blythe Hershberger, Worthington  
B.A. (Miami University)

Martin Joseph Hindel, North Olmsted  
B.S.M.E.

Kimberly Sue Hite, Columbus  
B.A.

Robert William Horner III, Columbus  
B.A. (Xavier University)

Melissa Anne Houser, Fairlawn  
B.B.A. (Kent State University)

C. Bradley Howenstein, Manchester, MO  
A.B. (University of Illinois)

Joyce Yvette Howse, Nashville, TN  
B.S. (Tennessee State University)

Wendi Romere Huntley, Toledo  
B.S. (Bowling Green State University)

Jean Forquer Hyslop, Grove City  
B.A. (Ohio Dominican College)

Eric Kenneth Jackson, Cleveland  
B.G.S. (Oakwood College)

Holly Anne Jacobs, Poland  
B.A. (Youngstown State University)

Michael Dominick Jeffers, Bay Village  
B.S.Bio.Med.Eng. (Northwestern  
University)

Sharon Ann Jennings, Columbus  
B.S.Bus.Adm.

Alesia Marie Johnson, Lexington, KY  
B.S. (Tennessee State University)

William C. Johnson, Jr., Columbus  
B.A. (Haverford College)

James Marshall Kapenstein,  
Kensington, MD  
A.B. (University of Michigan)

Suzanne Karapashev, Akron  
B.A. (College of Wooster)

Daniel Richard Karon, St. Paul, MN  
B.A. (Indiana University)

Dana Claire Keating, Westerville  
B.S. (College of Charleston)

Alan Lee Kennard, Columbus  
B.S.Bus.Adm.

Frederick Gordon King, Akron  
B.S.M.E.

Jeffrey Thomas Knoll, Akron  
B.A. (Virginia Polytechnic Institute and  
State University)

Ralph Erhard Carl Knull, Parma  
B.A. (Baldwin-Wallace College)

Robert Gervase Koenig, Jr., Houston, TX  
B.S. (Miami University);  
M.Acc., M.B.A.

Kellie S. Kontnier, East Liverpool  
B.A. (Mount Union College)

John Francis Kreber, Columbus  
B.S. (University of Dayton)

Elizabeth Susan Kreis, Stamford, CT  
B.S. (University of Wisconsin-Madison)

Carolyn Frances Kropp, New York, NY  
B.A. (Oberlin College)

Marie Anne Kubalak, Columbus  
B.A.

Andrea Marie Kuntzman, Dayton  
B.A.

Barry Ira Levy, Columbus  
B.A.

Gregg Stephen Levy, Beachwood  
B.S.Bus.Adm. (Indiana University)

Suzanne Lindamood, Columbus  
B.S. (Carnegie-Mellon University)

Eugene Nathan Lindenbaum, Dayton  
B.A. (Miami University)

Melissa R. Lipchak,  
North Huntingdon, PA  
B.A. (Washington & Jefferson College)

Norman Wilmer Litts, Jr., Columbus  
B.A.

Heather Marie Lowenkamp,  
Richmond Heights  
B.A. (Johns Hopkins University)

Bruce E. Lundegren,  
South Yarmouth, MA  
B.A. (University of Massachusetts)

Ellen Mary Maglicic, Columbus  
B.A. (John Carroll University)

Timothy James Mahota, Worthington  
B.A. (John Carroll University)

David Andrew Mallen, Youngstown  
A.B. (University of Michigan)

Joseph Richard Matejkovic, Cincinnati  
B.A.

Theodore Pete Mattis, Columbus  
B.A.

Kathleen Ann McCabe, Worthington  
B.A.

Deborah Lynne McNinch, Warren  
B.A.

Lisa Vaughn Merrill, San Antonio, TX  
B.A. (Louisiana Technical University)

Jeffrey David Meyer, Columbus  
B.A. (Emory University)

Douglas Alan Milhoan, Canton  
B.S.Bus.Adm.

S. Anne Miller, Columbus  
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Kathleen Biery Mills, Delaware  
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Michael Gray Moore, Parma  
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Edward Donald Murray, Lorain  
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John Charles Norling, Phoenix, AZ  
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Jennifer Ellen Schwartz, Shaker Heights  
B.A.

Holly Anne Seidel, Philadelphia, PA  
B.A. (Northwestern University)

Jessica Kim Shimberg, Columbus  
B.A. (Brandeis University)

Keith Shumate, Norwalk  
B.A. (University of Akron)

Gwen Eileen Silverberg, Shaker Heights  
B.A. (University of Wisconsin-Madison)

Denise Simmons, Pittsburgh, PA  
B.A.

Geraldine Anne Sinatra, Avon Lake  
B.S.

Elizabeth Ann Smith, Richwood  
B.A. (Kenyon College)

Kelly A. Smith, Kettering  
B.A. (University of Dayton)

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Kirk Lee Somers, Perrysburg  
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Karl Edward Swenson, Gahanna  
B.S. (Metropolitan State College)

Tina Maria Tabacchi, Canton  
B.A. (Miami University)

Thomas Michael Taggart, Jr., Bexley  
B.A. (Lawrence University)

Christopher Jon Thomas, North Canton  
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Rita Ann Thomas, Huron  
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Lana Sharon Thorman, Beachwood  
B.F.A.

K. Ellen Toth, Lakewood  
B.A. (Kent State University)

Kara Jean Trott, Worthington  
B.A. (Ohio Wesleyan University)

Stephen Eugene Tugend, Springfield  
B.A. (Wittenberg University)

Lorelei Jane Van Wey, Key Biscayne, FL  
B.A./Jour., M.A.

Andrew Ralph Vara, Mayfield Village  
B.A. (Duke University)

Nicholas Michael Varveris, Youngstown  
B.A. (Youngstown State University)

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B.S.E.E. (University of Cincinnati)

Denice Weinberg, Columbus  
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Erich Helmut Weiss, New Bremen  
B.A.

Robert K. Wellington II, Wooster  
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Shawnell Williams, Springfield  
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Daryl Wayne Winston, Farrell, PA  
B.A. (Pennsylvania State University)

James Vincent Wulf, Columbus  
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Andrew Yiangou, Springfield  
B.A. (Wittenberg University)

Robert Alan Zimmerman, Beachwood  
B.A.

Zach Zunshine, Columbus  
B.S., M.S. (Ural State University);  
M.A.

**The College of Law is on a semester  
system and graduates receive their hoods  
during an earlier ceremony, and their  
diplomas directly from the college.  
Many have already relocated prior to  
the University's commencement.**

## College of Medicine

Dean: Manuel Tzougournis, M.D.

### Doctor of Medicine

Daniel James Ackerson, Salem  
B.A. (Youngstown State University)

Dana Harold Andrews, Columbus  
B.A. (Capital University)

Kathryn Hegland Antel, Olmsted Falls  
B.S. (University of Cincinnati)

Amy Zaron Aqua, Miami Beach, FL  
B.A. (University of Pennsylvania)

Keith Andrew Aqua, Yorba Linda, CA  
B.A. (University of Pennsylvania)

John Patrick Bacon, London  
B.A. (Wittenberg University)

Jeanne Ellen Ballard, Pickerington  
B.S.

Jana Rose Banks, Enon  
A.S. (Clark Technical College);  
B.A. (Wright State University)

Larry Alan Bartel, Cincinnati  
B.S.M.E. (Northwestern University)

Carlton Matthew Bates, Gahanna  
B.S. (Otterbein College)

Kenneth Alan Beckman, Columbus  
B.S.

James Gregory Beegan, Portsmouth  
B.A. (Transylvania University)

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M.H.A.

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Debra Elaine Bright, New York, NY  
B.A. (Antioch University)

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L.P.N. (Saint Francis School of Practical  
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Bradley David Campbell, Marion  
B.S.

Quinn Capers IV, Dayton  
B.S. (Howard University)

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Jody Randall Cearlock, Richland, WA  
B.S. (Washington State University)

Jeffrey TaeHwan Choh, Independence  
B.S.

Stephen Eric Clark, Toledo  
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B.S.F.S. (Georgetown University);  
Diploma (University of Otago)

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B.S.Agr., M.S.

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Eugene Ying-Haw Fu, Worthington  
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Thomas Andrew Gable, Parma  
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Mark G. McDonald, Lima  
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Matthew McHugh, Youngstown  
B.S.

Bonnie Ann McMichael, Canton  
B.S. (Kent State University)

Ann E. Melick, Roseville  
B.S.

John Thomas Mertz, Malvern  
B.S.

Craig Alan Miller, Columbus  
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Paul John Mirone, Girard  
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Navid Monajjem, Silver Lake  
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Kevin John Moore, Rootstown  
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B.S.

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B.S.

Gayle Ann Williams, Northwood  
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## School of Allied Medical Professions

### Bachelor of Science in Allied Health Professions

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Nicole M. Agee, Cincinnati  
Jacqueline Marie Allen, Massillon  
Julie Anne Allen, Springfield  
Lisa Ann Allion, Bloomdale  
Colette Theresa Andrews, Elyria  
Lisa Helen Avery, Clyde  
Julie Ann Aylies, Canton  
Erin Deborah Babbitt, Norwalk  
Sherry Ann Babbs, Cardington  
Anthony Steadman Baker, Columbus  
Lynn Ann Barnett, Steubenville  
Diane Marie Bartley, Mansfield  
John S. Baugh, Poland  
Judith Lynn Berger, Tiffin  
Beth Anne Biery, Rawson  
Joseph Steven Blasiolo, Westerville  
Amy Marie Blue, Old Fort  
Pamela Lynn Bollinger, Zanesville  
Lisa Ann Boros, Strongsville  
Terry Michael Bowman, Lima  
Stephen James Brady, New London  
Malinda Marie Bragg, Brimfield  
Kristina Lynn Brant, Portsmouth  
Wendy Anne Breit, Stow  
Deidra Mae Breitenbach, Waverly  
Laura Renée Brickner, Fostoria  
Lisa Ann Brigeman, Beaver Creek  
Joanna Lynn Buhovecky, Brunswick  
Coleen Elaine Burgett, Canton  
Jeffrey Lynn Burnside, Mt. Gilead  
Traci Lee Butler, Canton  
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Veronica Louise Carter, East Cleveland  
Jeffery Scott Catron, Mansfield  
John David Chaffins, New Carlisle

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 Caryn Ann Close, Pottsville, PA  
 Virgil Nathan Cooper III, Bloomingdale  
 Sally Ann Cooperider, Thornville  
 Tracy Lynn Corley, Jackson, MI  
 Timothy Michael Crisler, Dayton  
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 Laura L. Cutrupi, Westerville  
 Gus Dakis, Bellaire  
 Michelle Denée DeLong, Columbus  
 Herschel Arnold Denner, New Albany  
 Kathrine Maurya Doyle, Cincinnati  
 Tammy Elaine Dunlap, Southington  
 Robert Clayton Dutkin, Whitehall  
 Lori Ann Eichner, Columbus  
 Kevin Eugene Ellinger, West Jefferson  
 Gwendolyn Frances Elmore, Cincinnati  
 Timothy John Enwright, Cincinnati  
 LaDona Kay Evans, Pedro  
 Patrice Lynn Ezzo, Girard  
 Michael Dominic Fabrizio, Tiffin  
 Kimberly Ann Fawcett, Newark  
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 Beth Anne Germane, Parma  
 Anne Marie Gilchrist, Cuyahoga Falls  
 Stacia Marie Gile, Boston, MA  
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 Darnas Trober Heslop, Martins Ferry  
 Mariam Keleigh Higgins, Richfield  
 Wendy Sue Hites, Roundhead  
 Sherry Lynne Hobson, Canton  
 Elizabeth Ann Hoffman, Germantown  
 Lorrie Rae Horky, Galloway  
 Bonnie Sue Horlick, Toledo  
 Jennifer Catherine Hrusch, Chesterland  
 Jamie Sue Huffman, Swanton  
 Laura Lee Innis, Columbus  
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 Christina Marie Janus, Chesterland  
 Eric Herschel Jenkins, Birmingham, AL  
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 Daryll Mark Kessler, Winterville  
 Kellie Anne Kidd, Columbus  
 Julie Ann King, Stone Creek  
 Lara Catherine Knapp, Columbus  
 Lauren Lee Kopas, Sagamore Hills  
 Larry Gene Koster, Paducah, KY  
 Michael Stephen Kotyuk, Solon  
 Dianne Elizabeth Koz, Lakewood  
 Katherine Ann LaRue, Saginaw, MI  
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 Amy Lynn Long, Akron  
 Brenda Kay Lyon, Marion  
 Dirk Andrew Maisel, Maumee  
 Andrew Joseph Mangano, Tiffin  
 Sharon Lynn Marr, Struthers  
 Marla Annette Martin, Columbus  
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 Carol Ann Miller, Massillon  
 Judy Ann Miller, East Canton  
 Heather Lea Mollohan, Fowler  
 William Frederick Moskalik, Hubbard  
 Bryon Michael Murray, Norwalk  
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 Myn-Yon Nash, Cleveland  
 Kristin Ness, Columbus  
 Lisa Renee Nestor, Chesapeake  
 Jacqueline Ruth Neuhardt, Westerville  
 Laurie Beth Newman, Columbus  
 Theresa Ann O'Conner, Hubbard  
 Scott John Oen, Botkins  
 Shannon Marie O'Shea, Aurora  
 Wendy Sue Owen, Woodville  
 Jennifer Marie Palusak, Poland  
 Karla Marie Park, Fostoria  
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 John Albert Rackas, Seven Hills  
 Kristen Susanne Razor, Seville  
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 Christine Ann Sandusky, Cincinnati  
 Elizabeth Ann Scheub, Grand Rapids  
 Craig Michael Schmidt, Cincinnati  
 Karen Ann Schumacher, Louisville  
 Coleen Ann Schwartz, Russia  
 Shobha Hasmukh Shah, Granville  
 Ann Christine Shanholtz, Wilmington  
 Daniel Christopher Slaters, Mantua  
 Michelle Lee Smith, East Bridgewater  
 Sally Jean Smith, Sycamore  
 Stephanie Ann Sommers, Shadyside  
 Jody Renee Spain, Grove City  
 Teresa Sue Stammen, Rossburg  
 Lorian Staschke, New London  
 Michael George Strongosky, Richfield  
 Holly Elizabeth Thering, Dublin  
 Heidi Michelle Todd, Mansfield  
 Sylvia Elizabeth Tyl, Seven Hills  
 Mark Allen Valentine, Steubenville  
 Scott David Van Bramer, Belpre  
 Susan Lynn Vasko, Austintown  
 Steven Mario Volpe, New Middletown  
 Bonnie Rose Wanko, Worthington  
 Beverley Joan Ward, Cincinnati  
 Timothy Robert Weaver, Winterville  
 Melissa Renee West, New Philadelphia  
 Barbara Sue Wickiser, Columbus  
 Lori Renee Wills, Coshocton  
 Ann-Janene Marie Wilson, Dola  
 Faith Elizabeth Winocur, Annapolis, MD  
 Teresa Lynn Wolf, Beavercreek  
 Suzanne Sharon Zielinski, Hinckley

## College of Nursing

Dean: Carole A. Anderson

### Bachelor of Science in Nursing

Barbara Ann Abdalla, Columbus  
 Michelle Kay Appgar, Lebanon  
 Lisa Anne Au, Columbus  
 Julianne Barle, Garfield Heights  
 Bonnie Robey Barnitz, Gahanna  
 Evette Mabelle Bisard, West Alexandria  
 Kay Frances Boddie, Dayton  
 Alisa Robyn Bond, Dayton  
 Julie Lynn Bower, Seven Hills  
 Lori Ann Bruns, St. Henry  
 Michelle Jean Burd, Waynesville  
 Jennifer Irene Burton, Elyria  
 Joanne Elizabeth Busch, Sagamore Hills  
 Kimberly Ann Buss, Mentor  
 Michelle Grace Callahan, Lyndhurst  
 Amy Lynn Caparotta, Canton  
 Kathleen Denise Chesser, Worthington  
 Sung Hui Choe, Richmond Heights  
 Shui-Chu Lee Chou, Dublin  
 Tracy Lynn Clement, Kitts Hill  
 Sherisse Yvonne Collins, Cleveland Heights  
 Catherine Ann Colwill, Wickliffe  
 Laurie Ann Courtney, Sebring  
 Kelly Christine Dixon, Parma  
 Pamela Kay Domanski, Amherst  
 Stacy Ann Mouser Eldridge, Ridgeway  
 Karin Ann Elkins, Columbus  
 Heidi Rae Evans, Jamestown  
 Ann Rose Ewry, Coldwater  
 Amy Lynne Fetzer, Tiffin  
 Nichol Leigh Frankford, Girard  
 Tammy Sue Froehlich, Delaware  
 Kim Marie Garber, Centerville  
 Valerie Faith Gayheart, Shelby  
 Anna Marie Giangardella, Niles  
 Pamela Ann Goldschmidt, Milford  
 Theresa Michelle Golomb, Johnstown  
 Shelly Anne Graf, Willoughby  
 Nancy Irene Hanford, Springfield  
 Nancy E. Haynes, Ashville  
 Candy Kay Heiby, Celina  
 Kellene Larena Hennecke, Columbus  
 Brendan Thomas Hernon, Warren  
 Denise Ann Hillman, Lordstown  
 Katherine Ann Honingford, Centerville  
 Margaret Katherine Horton, Columbus  
 Tonya Lou Johnson, Alliance  
 Karen Sue Jones, Vacaville, CA  
 Nancy Lillian Kaser, Columbus  
 Karen Lynne Koss, Muncie, IN  
 Linda Louise Love, New Athens  
 Derek David Mann, Wilmington  
 Angela Dawn Martindale, Galena  
 Joan Ann Masters, Upper Arlington  
 Jennifer Marie May, Lockport, NY  
 Monica Ann McAndrew, Louisville  
 Martin Wendell McMichael, West Chester  
 Linda Louise Miller, Irwin  
 Terri Lynn Minotti, Warren  
 Michele Diane Moody, Columbus

Dana Louise Morrow, Medina  
 Suzanne Marie Mugler, Toledo  
 Anne Mary Munhall, Worthington  
 Barbara Marie Ogle, Avon Lake  
 Colleen Mary O'Leary, Mansfield  
 Karen Kelly Paglialunga, Springfield  
 Mickell Wallace Painter, Columbus  
 Katherine Ann Parkinson, Beavercreek  
 Barbara Jo Paul, Columbus  
 Kelly Lynn Penzek, Westerville  
 Clyde Duane Perry, Xenia  
 Colleen Lynne Pinna, Mayfield Village  
 Laura Ann Popelar, Worthington  
 Jayshri Vinod Ratti, Dublin  
 Jill Ann Renwick, Mansfield  
 Julie Anne Renz, Reynoldsburg  
 Laura Ann Rhoades, Pataskala  
 Kelly Ann Richardson, Novelty  
 Erica Jamene Richmond, Morrow  
 Suzanne Bernadette Rivera, Mentor  
 Angela Rene Salyer, London  
 Betsey Leet Simpson, Columbus  
 Cheryl Elizabeth Sims, Columbus  
 Erin M. Smith, Circleville  
 Matthew David Sommer, London  
 Jennifer Dawn Spiert, Columbus  
 Jodi Rae Spillman, Columbus  
 Karen Elizabeth Stephens, Milan  
 Hope Ellen Stickley, Urbana  
 Danette Marie Stolic, Massillon  
 Stephanie Anne Stuart, Akron  
 Christine Marie Sydenstricker,  
 Chippewa Lake  
 Stacy Lynn Taylor, Columbus  
 Robin Leo Thomas, Aberdeen  
 Jill Sue Tice, Columbus  
 Jo Vivian Tullos, Grove City  
 Jane Marie Wagenhofer, Toronto  
 Susan Lynn Walker, Newark  
 Carolyn Edith Wilkens, Ravenna  
 Patrick Carl Wrencher, Lima  
 Caroline Lee Wrigg, Monroe  
 Miriam Wood Yaylayan, Dublin  
 Kami Renee Zartman, Worthington

Elisabeth Jane Binnig, Richmond, IN

Ohlen Pierce Cartmell, Westerville  
 B.S. (Ohio University);  
 M.B.A. (Capital University)

Kyla Iolene Smith Cologgi, Chagrin Falls

Patrick E. Dollenmayer, Gahanna

Albert Michael Drees, Cincinnati  
 B.S.

Mark Allen Dumbauld, Wellsville

Ellen Lillie Ellsworth, Mentor  
 B.A. (Hiram College)

John DeNoon Evans, Reynoldsburg  
 B.S.

Stephen Albert Figler, Willoughby

Michael Paul Good, Napoleon

Craig Roger Green, Oak Hill

Rodney Thomas Gualtieri, Utica, NY  
 B.S. (Utica College)  
 Ph.D. (Northwestern University Medical  
 School)

Jerry Francis Hageman, Dayton

Daniel Christopher Harris, Bellefontaine

Jeffrey Matthew Haight, Sardis  
 B.A.

Ann Marie Hegedus, Westlake

Scott Leon Helgeson, Worthington

Michael James Johnson, Massapequa, NY  
 B.S. (University of Dayton)

William Beadling Keller, Hudson

Jeffrey David Kovesdy, Rocky River  
 B.S. (Indiana University)

Anne-Marie Kraszewski, Akron  
 B.S. (University of Akron)

Shawn Matthew Kurtz, Sierra Vista, AZ

Christine Eileen Lemley, Wheeling, WV  
 B.S. (West Liberty State College)

Jacqueline Jean Lucas, Martins Ferry  
 B.S.

Reena Madhok, Minot, ND

Alicia Gay Manenti, Youngstown  
 B.S. (Westminster College)

Barbara Lynn Marcussen, Ashland

Sheri Lynn McCulley, Bellaire

Kip Lee Newell, Upper Sandusky

Mark Stuart Newman, Peabody, MA  
 B.A. (Duke University)

Pareesh Kanti Patel, St. Clairsville

Sheila Rose Picciano, Lincoln Park, NJ  
 B.A. (University of Delaware)

Ted Alan Rath, North Canton

Richard F. Rosenthal, Bexley  
 B.S.

William Robert Rudy, Kent

Faith Olivia Salyer, Huber Heights  
 B.S. (John Brown University)

Michael Alan Schechter, Columbus  
 B.S.

Andrea Becker Seeley, Traverse City, MI  
 B.S. (University of Michigan)

David Allen Shilling, Orrville

Frederic William Skulina, Jr., Bellevue  
 B.S. (Bowling Green State University)

Carol Maruna Smith, Geneva

Marni Ann Strancar, Euclid  
 B.A. (John Carroll University)

Sara P. Stubblefield, Columbus  
 B.S.Ed;  
 M.S. (Cornell University);  
 Ph.D. (Ohio University)

Peter Andrew Studebaker, Union  
 B.S.

Marjean Ann Taylor, Bay Village  
 B.S.

Timothy Paul Tobin, St. Marys

Valerie Ann Wright, Springfield  
 B.S. (University of Dayton)

Wayne Stephen Wright, Waverly  
 B.S. (University of Pittsburgh)

Todd Matthew Yackels,  
 Fort Atkinson, WI

Steven Edward Yordy, Columbus  
 B.S. (Kansas State University of  
 Agriculture & Applied Science)

Philip Ronald Zitko, Cadiz  
 B.S. (Bowling Green State University)

## College of Optometry

Dean: Richard M. Hill

### Doctor of Optometry

Anthony Joseph Arnold, Upper Sandusky

George Elliott Atanasoff, Akron  
 B.S.; M.A. (University of Akron)

John William Barnhart, Warren

Guy Claude Barrett III, Youngstown

James Allen Bierly, LaFayette  
 B.S.Bus.Adm. (Bowling Green State  
 University)

## College of Pharmacy

Dean: John M. Cassady

### Bachelor of Science in Pharmacy

Harold Glenn Anderson, Jr., Columbus  
Terry Douglas Bates, Beverly  
Kristen Lee Best, Cortland  
Kirk Frederick Betteridge, Wellsville  
Jill Charlotte Blazek, St. Henry  
Barbara Ann Braddock, Alexandria  
Gina Marie Cooper, Steubenville  
Stacey Lynn Dailey, Chillicothe  
Jeffrey Lee Davis, Kingston  
Ann Marie Dimeo, Mingo Junction  
Susan Kay Fuchs, Beallsville  
Jay Charles Herrlein, Jr., St. Clairsville  
Kristina Huzyak, Salem  
Todd Robert Jaros, Wintersville  
Jeanette Elizabeth Jonke, Cleveland  
Maryam Kafi Heidarpoor, Mashad, Iran  
Luisa Roseanne Kerr, Masury  
Julie Ann Kessler, Fremont  
Julie Christine Klavins, Danville  
Allen Ray Kuhn, Lorain  
Jeffrey Robert Legg, Mt. Vernon  
Lynmarie Ann Malec, Garfield Heights  
Lisa Kay McCulley, Bellaire  
Jacqueline Lynn McKenzie, Bellevue  
John Joseph McKinley, Reynoldsburg  
Nikki L. Milan, Westerville  
Brian Joseph Moore, Farmdale  
Gina Marie Palumbo, Olmsted Falls  
Joyce Susanna Reese, Lancaster  
Sandy Ricciardi, Youngstown  
Paul Richard Schad, Norwood  
Gary Zackery Scott, Centralia, IL  
Stephanie Lee Severance, Lancaster  
Sherry Lee Smith, Columbiana  
Mara Yvette Tudor, Kenton  
Amy Sue Werkin, Steubenville  
Lois Marie Wheeler, Barberton

## College of Social Work

Dean: Richard E. Boettcher

### Bachelor of Science in Social Work

Lisa Ann Alexander, Columbus  
Sherri Lynn Bako, Akron  
Julie Lynn Barber, Bucyrus  
Catherine Lynn Bartholomew, Cortland  
Maryjane Virginia Bergh, Hiram  
Linda Lou Biddle, Mansfield  
Susan Joy Bilsky, Memphis, TN  
Kristy Yvonne Blazer, Columbus  
Laticia Rebecca Bondurant, Newark, NJ  
Randy Robert Braden, Waldo  
Laura Lynn Brickner, Delphos  
Sherri Renee Clark, Columbus  
Kelleen Marie Cummings, Newark

Lynn Adele Davis, Vanlue  
Kimberly Ann Douglas, Columbus  
Kristie Ann Douglas, Southbury, CT  
Roxanne Kwan Duncombe, Detroit, MI  
Alta Williams Easterday, Delaware  
Tracey Jean Farley, Marietta  
Kim Joseph Ferrara, Mansfield  
Lisa Ann Forst, Columbus  
Christine Goebel, Concord  
Hope Renee Gruenbaum, Marysville  
Lori Ann Hamrock, Mingo Junction  
Eulah Cramer Hardin, La Rue  
GeorgeAnn Henderson, Canton  
Anne Frances Higgins, Lorain  
Nancy Carol Hoffman, Fredericktown  
Belinda Mae Honigfort, Ottawa  
Maureen Clare Horstman, Dayton  
Elizabeth Leigh Jakubiak,  
East Lansing, MI  
Elizabeth Jang, Columbus  
Deborah Elaine Janoff, Dayton  
Tressa Marie Kincade, Edison  
Chandra Anne Kocica, Loveland  
Melody Dawn Kolman, Cincinnati  
Helen Mary Kuzma, North Royalton  
Laurie Jean Lawhon, Worthington  
Debra Elaine Lewis, Galion  
Lance Lee Lewis, Columbus  
Julie Suzanne Lima, Mentor  
Amy R. Lipson, Pepper Pike  
Linda Blount Little, Columbus  
Francine LoGalbo, Shaker Heights  
Rochelle Lynn Lowe, Powell  
Diana Kay Markley, Huber Heights  
Alicia Joan Maynard, Arlington  
Kelli Jennifer McAuley, Mansfield  
Rita Marie Merka, Lancaster  
Dawn Marie Murray, Bellville  
Amy Marie Muzechuk, Kettering  
Nancy Lee Neal, Wapakoneta  
Mary Louise Nemeth, Parma  
Valentina Newball, Yonkers, NY  
Deborah Ann Nolan, Westerville  
Michele Lynn Patterson, Perrysburg  
Virginia Anne Phelps, Troy  
Michael Edward Preston, Powell  
Lisa Ellen Pry, Columbus  
Judith Elaine Rheinscheld, Mt. Sterling  
Mary Kay Rife, Columbus  
Marni Beth Rotman, University Heights  
Robin Michelle Rutan, Grove City  
Cynthia Fay Schalk, Bascom  
Judith Irene Sheets, Grove City  
Tamie Irene Snyder, Caldwell  
Victoria Lynn Snyder, Mingo Junction  
Lisa Gail Spangler, Norton  
Cathy Ann Sullivan, Columbus  
Coley L. Swisshelm-Donahue, Columbus  
Andrea Elizabeth Tepfer, Beaver Creek  
Kelley Susan Wagner, Mansfield  
Barbara Ann Warner, Columbus  
Marcie Renae Weaver, Toledo  
Arlene Faye Weinberg, Mayfield Heights  
Zane Vernon Wells, Cambridge  
Mary Margaret Williams, Columbus  
Jennifer Hildreth Wilson, Marion  
Teresa Deane Yost, Gahanna  
Caroline Marie Zehala, Galena

## College of Veterinary Medicine

Dean: Ronald A. Wright

### Doctor of Veterinary Medicine

Jonas Vytautas Alsenas, Brecksville  
B.A. (Northwestern University)

Jennifer Lynn Antrim, San Diego, CA

Delane Lynn Armentrout,  
Parkersburg, WV  
B.A. (University of Kentucky)

Todd Chambers Baldwin, Waite Hill  
B.S. (Cornell University)

Nancy McAllister Barnett,  
West Mansfield  
B.S. (University of Maryland)

Daniel William Beer, Mansfield  
B.A. (Wittenberg University)

James Anthony Belanger, Hollis, NH  
B.S. (University of New Hampshire)

George Michael Belbey, Wharton, NJ  
B.A. (University of Virginia)

Scott Christopher Bennington, Canton  
B.S. (Kenyon College)

Theodore Joseph Binzer, Loveland  
B.S. (University of Dayton)

James Wade Blacka, New Philadelphia

Daniel Theodor Brauer, Dayton  
B.S. (Wright State University)

John Paul Bryk, Homerville  
B.S. (College of Wooster)

Sue Ellen Busch, Findlay

Amanda Elizabeth Carpenter,  
Lexington, KY  
B.A. (Dartmouth College)

Max Eckert Cary, Copley  
B.S., M.S. (Louisiana State University);  
Ph.D. (Kansas State University)

Amy Marie Chronister, East Liverpool  
B.S.

John Arthur Ciuca, West Salem  
B.S. (John Carroll University)

Hugo Enrique Cordova, Rio Piedras, PR  
B.S. (Kansas State University)

Barbara Ann Corn, Cincinnati  
B.S. (University of Akron)

Jodie Lee Coutts, Wheeling, WV  
B.S. (Ohio University)

William Ray Crank, Henderson, WV  
B.S. (West Virginia University)

Theresa Maureen Cranny, Bowling Green  
B.S. (Bowling Green State University)

Kathleen Marie Culek, Novelty

Stephen Craig Damonte, Reno, NV  
B.S. (University of Nevada-Reno)

Francis Warwick Daniel III,  
Shenandoah Junction, WV  
B.S. (Virginia Polytechnic Institute &  
State University)

Karen Joy Dashfield, Lake Hopatcong, NJ  
B.A. (Wells College)

Jeffrey Todd Davis, Columbus  
B.S.

Melissa Ann Dennis, Belmont, WV  
B.S. (West Virginia University)

Leanne Kristine Donovan, Atkinson, NH  
B.S. (University of New Hampshire)

Karen Elizabeth Dorsey, Westchester  
B.S. (North Carolina Agricultural &  
Technical State University)

Dean Michael Ebert, Poland

Michael Andrew Farwick, Lebanon

Tina Gertrude Fisher, Cincinnati  
B.S. (University of Cincinnati)

William Thomas Flynn, Edison, NJ  
B.S. (University of Delaware);  
M.S.

Jeffrey Alan Fogle, Massillon  
B.A. (Miami University)

Rosemarie Foruria, Burlington, NJ  
B.S.

John Timothy Fox, Lavale, MD  
B.S. (West Virginia University)

Joel Edward Franks, Bryan  
B.S.

Bruce Eric Frey, Phillipsburg, NJ  
B.S. (Virginia Polytechnic Institute &  
State University)

Anne Marie Genders, North Olmsted  
B.A. (Miami University)

Laurie Renee Goodchild, Youngstown  
B.S.

Carl Ormond Gray, Jr., Johnstown  
B.S., M.S.

Laura Ann Greenawalt, Milton, WV  
B.S.

Fred Anthony Greenblat, Woodbine, MD  
B.S. (University of Maryland)

Eric Martin Griffin, Baltimore, MD

Marcia Lee Hall, Perry  
B.S.

Barbara Ann Harrington, Warren  
B.S. (Morehead State University)

John Edward Heller, Stow, MA  
B.S. (LeMoyné College)

Karen Margaret Henson, Columbus  
B.S.

David Russell Hermes, Tipp City  
B.S.

Cynthia Jo Hoy, West Salem

Maria Elena Jimenez, Arecibo, PR  
B.S. (University of Puerto Rico-Rio  
Piedras);  
M.S. (University of Puerto Rico-  
Mayaguez)

Amy Lynn Johnstone, Cincinnati  
B.S. (Xavier University)

John Orlo Jones, Liberty Center  
B.S.

Scott Reed Judd, Glendale  
B.S. (Marietta College)

Sara Louise Junkin, Dayton  
B.S.

Stephanie Michelle Kaegi, Medina

Kennon Lee Keckler, Rising Sun  
B.S.

Richard Louis Krason, Jr., Columbus

David John Kraushar, Cincinnati  
B.S.

Robert Jeffrey Krawczyk,  
Niagara Falls, NY  
B.S.

David Scott Kron, Alliance  
B.S. (University of Cincinnati)

Samuel Kiyota Kulp, Willingboro, NJ  
B.A. (University of Pennsylvania)

Linda Louise Landefeld, Lancaster  
B.S. (Ohio University)

Tawnya Michelle Larkins, Gallipolis  
B.S. (Rio Grande College)

Lourdes Benito Leake, Woodside, NY  
B.S. (Cook College/Rutgers University)

Grace Marie Lidl, Wolfsville, MD  
B.S. (University of Maryland)

Barbara Ann Lightner, Columbus  
B.S.

Robert James Litkovitz, Cleveland  
B.S. (Cornell University)

Janet Kay Lonaker, Kettering  
B.S.

Cheryl Lopate, Cleveland  
B.S. (Colorado State University);  
M.S.

John Theodore Manolukas, Youngstown  
B.A. (Hiram College);  
Ph.D.

Jennifer Ann McClain, North Olmsted  
B.A. (Wittenberg University)

James Francis Morand, Wilmington  
B.S.

Douglas Robert Nabel, Delaware  
B.A. (Ohio Wesleyan University)

Lee Crothers Nancarrow, Cincinnati  
B.A. (Kenyon College)

Melissa Joy Nathanson, Rockville, MD  
B.A. (Drew University)

Kenneth Alan Nekić, Canton

Eleanor Christine Manela Newcomb,  
National City, CA  
B.A. (University of San Diego)

Cathy Sue Noble, Upper Sandusky  
B.A. (Wittenberg University)

John Cabell Nowery, Wilmington  
B.S.

Betsy Rose Oesch, Shelby  
B.A. (Capital University)

Kevin James Pascoe, Hudson  
B.S.

Margaret Mary Pepe, Hudson

Janine Pepin, North Ridgeville  
B.S. (Baldwin-Wallace University)

Marisa Pepin, North Ridgewille  
B.S. (Baldwin-Wallace University)

Todd Handley Plocher, Delaware  
B.S.

Wendy Jean Pritchard, Newark  
B.S.

Perry Franklin Ragon, Cleveland  
B.S. (Texas A & M University)

Elizabeth Ellen Reed, Moreland Hills  
B.A. (Cornell University)

Mark Douglas Reed, Steubenville  
B.S.

Gregory Scott Reichel, Kettering

Rochen Chellé Reisig-Love,  
Las Vegas, NV

Tracy Lynne Richardson-Ball, Sidney

Kelly Diane Ross, Macedonia  
B.S.

Erika Diane Rossi, Barberton  
B.S., M.S. (University of Akron)

Nancy Alicia Sanders, Philadelphia, PA  
B.S. (Duke University)

Laura Lucille Schmidt, Columbus  
B.S.

Karen Lynne Shank, Perrysburg  
B.A. (Lake Erie College)

Michael John Simonsic, Berlin Center  
B.S. (Youngstown State University)

Denise Jane Smith, Reynoldsburg  
B.S.

Marianne Sue Socha, Amherst  
B.S. (University of Dayton)

Sandra Lynn Stalder, Sardis  
B.S.

Lani Ann Steinhart, Fairborn  
B.S. (Wright State University)

Michael Lawrence Stine, Homerville  
B.S.

Mark Steven Swaney, Burton  
B.S.

Michael Joseph Szego, Chagrin Falls  
B.S.

Lianne Keiko Tabata, Honolulu, HI

Lynn Judge Tanner, Cincinnati  
B.A. (Ohio Northern University)

Robyn Frances Tessler, Cincinnati  
B.A. (Washington University)

Holly Florence Thompson, Hanover, MD  
B.S. (University of Maryland)

Daniel Merritt Tonne, Cincinnati  
B.S.

Kent Jarvis Tooman, Kamuela, HI  
B.S. (Colorado College)

April Joy Uohara, Orinda, CA  
B.A. (University of California-San Diego);  
M.A. (University of California-Berkeley)

Pamela Susan Walker, Columbus  
B.S.

Pamela Phyllis Ward, Northwood, NH  
B.S. (University of New Hampshire)

Kimberly Sue Weller, Republic  
B.S.

Gail Gruczkowski Welty, Wheeling, WV  
B.A. (Wittenberg University)

Debra Lynn Wigal, Martins Ferry

Mark Harold Wilde, Blacklick  
B.S. (Pennsylvania State University);  
M.S. (University of Connecticut);  
Ph.D.

Michael Shelby Williams, Las Vegas, NV  
B.S. (University of Nevada-Las Vegas);  
M.S. (University of Arizona)

Michael Anthony Winfield,  
Bloomington, IL

Suzanne Karen Wolf, Woodbridge, NJ  
B.S. (Cook College/Rutgers University)

Gay Marie Wollenhaupt, Elida

Veronica M. Wong, San Leandro, CA  
B.S. (University of California-Davis)

## Graduates with Honors

Criteria for graduating with honors are as follows:

**Summa Cum Laude** designates those graduating in the top 3% of the class.

**Cum Laude** designates those graduating in the top 10% of the class.

**With Distinction** requires successful completion of a Senior Honors Thesis, oral examination, and graduation in the top 25% of the class.

**With Honors in the Liberal Arts** requires successful completion of the Arts and Sciences Honors Contract and graduation in the top 25% of the class.

**With University Honors** designates those graduating with curricular distinction and dedication to high educational goals.

**Summa Cum Laude with Honors in the Liberal Arts and with Distinction in the Historical and Social Aspects of Technology and Development**

Dawn Marie Swartz

**Summa Cum Laude with Honors in the Liberal Arts and with Distinction in Geological Sciences**

Richard Douglas Ricketts

**Summa Cum Laude with Honors in the Liberal Arts and with Distinction in Medieval and Renaissance Studies**

Rebecca Jean Keethler

**Summa Cum Laude with Honors in the Liberal Arts and with Distinction in Psychology**

Michelle Barbara Hannan  
Meghan Dillon Shelby

**Summa Cum Laude with Distinction in Accounting**

Steven Patrick Merriett

**Summa Cum Laude with Distinction in Biochemistry**

Sorabh Khandelwal

**Summa Cum Laude with Distinction in Ceramic Art**

Julius Lee Prater

**Summa Cum Laude with Distinction in Ceramic Engineering**

Michael Ty Morse

**Summa Cum Laude with Distinction  
in Chemistry**

Christopher John Helal

**Summa Cum Laude with Distinction  
in Electrical Engineering**

Zeina Daoud  
Lori Ann Leithe  
Subha Venkat Raman

**Summa Cum Laude with Distinction  
in Food Science and Nutrition**

Joseph John Kessler, Jr.

**Summa Cum Laude with Distinction  
in Horticulture**

Ann Marie Chozinski

**Summa Cum Laude with Distinction  
in Mechanical Engineering**

Jonathan Adam Dawson  
Andreas Charalambos Diakos

**Summa Cum Laude with Distinction  
in Microbiology**

Elaine Beth Brunschwig

**Summa Cum Laude with Distinction  
in Sociology**

Becky Jayne Phillips

**Summa Cum Laude with Distinction  
in Specific Learning Disabilities  
Education**

Erin Claire Miguel

**Summa Cum Laude with Distinction  
in Speech and Hearing Science**

Mary Elizabeth Light

**Summa Cum Laude with Distinction  
in Textiles and Clothing**

Annette Marie Dariano

**Summa Cum Laude with Distinction  
in Zoology**

Jeanne Marie Stoessner

**Summa Cum Laude with Honors in  
the Liberal Arts**

Todd Alan Bickel  
Matthew Howard Burt  
George Warren Byrd  
Cheron Denise Carlson  
Benjamin Lee Chennells  
Christine Mary Crawford  
Kathryn Marie Eling  
Glenn Howard Hall  
Diana Lee Kenworthy  
Jennifer Lynn Klitch  
Peter James Kourlas  
Elizabeth Anne Manwell  
Phillip Paul Marzluf  
Fara Elaine McCrady  
Teri S. Metcalf  
Julie Anne Meyer  
Brian George Miller  
Andres Munk  
Sheryl Kay Munson  
John Todd Murphy  
Warren Dean Orloff  
Richard Matthew Pycszak  
Steven Robert Rosar  
Todd Daniel Solomon  
Susan Elaine Swarts  
David Andrew Timko  
Ty Edward Wenger

**Summa Cum Laude**

Brett McFadden Alexander  
Sean Gaither Alexander  
Lisa Ann Alvetro-Rossman  
Lynda Rene Aston  
Edward Joseph Baddour  
Bonnie Robey Barnitz  
Carlton Matthew Bates  
Rubiana Louise Berridge  
Eric Scott Bish  
Sharon S. Block  
Ada Maureen Bloom  
Mary Beth Bolkovac  
Cynthia Jane Bolton  
Richard Martin Born  
Robert Cook Boyd II  
Mario Oreste Brunicardi  
William Vaughn Burchfield  
Lori Beth Campbell  
Sandra K. Chapman  
Christopher John Cole  
Thomas Randal Coleman  
David Andrew Covell, Jr.  
James A. Davis  
Bernard J. Deluca  
Kathrine Maurya Doyle  
Lori Lynn Edwards  
Denise Renee Ellsworth  
Mario C. Estrada

Christian Dominick Femia  
Ryan Patrick Foley  
Michael Gregory Gall  
Kathleen Michele Gardiner  
Chriss Darlene Gembariski  
Diane Kay Goetz  
Laura Ellen Hamilton  
Mark Hilary Haney  
Tedd Nelson Hardesty  
Lisa Marie Hebenstreit  
Dawn Maureen Herr  
Dianne Maria Holthaus  
Belinda Mae Honigfort  
Trina Lynn Howard  
Cynthia Jo Hoy  
Christine Marie Hrenya  
Christine Diane Hudak  
Jason Keith Hudson  
Eugene Stanley Hulshuit, Jr.  
Kristina Huzyak  
Elizabeth Leigh Jakubiak  
Steven Kenneth Jenkins  
Jeanette Elizabeth Jonke  
Lisa Ann Kanney  
Lori Jane Keene  
Dale Edward Keller  
Keiko Kiba  
David Andrew Kiehl  
Emily M. Kirkham  
Matthew Burke Koenig  
Dianne Elizabeth Koz  
Helen Mary Kuzma  
Renana Frida Leyzerovitch  
Liesel Marie Little  
Susan Westlake Longerbone  
Scott Watson Mabee  
Michele Marie Manka  
Tanya E. Markley  
Jennifer Marie May  
Renee Lynn McNeal  
Andrew Thomas Meadows  
W. Joseph Melnik  
Jeffery Allen Meyers  
Tristan Marie Miller  
John Arthur Monahan  
Dana Lynne Morgan  
Dana Louise Morrow  
Jeffrey Lee Nichols  
Sarah Elizabeth Nye  
Janet Sigler Orr  
Amy Sue Orwick  
Todd Scott Painter  
Stanley Francis Pajka  
Kirsten Anne Perkey  
Anita Marie Pier  
Jennifer Ann Pierce  
Douglas Andrew Plummer  
Michele Denise Price  
Carla Marlene Ravagnani  
Nancy Rapp Reeves  
Paul Richard Rogers  
Brian Douglas Rohrs  
Donna Maria Rupolo  
Robert Steven Samanich  
Lori Anne Sarkel  
Angela Lynn Schultz  
Karin A. Schulze

Andrea Becker Seeley  
Karen Lynne Shank  
Sarita Kumari Sharma  
Timothy Joseph Shell  
David Nicholas Shemas  
Kelly Ann Shields  
Lori Megan Snyder  
Hope Ellen Stickley  
Susan Jo Stover  
Linda Sterner Strait  
Karen Marie Struck  
David Dewantara Sujudi  
Michael Joseph Szego  
Cheri Noelle Taylor  
Phyllis Kirchner Teater  
Gregory Keith Terry  
Susan Ann Thomas  
Charlotte Teresa Tompkins  
Jasmine Ramona Falgui Tugaoen  
Renard Richard Ulrey  
Lisabeth Lynn Venter  
Mark Jude Volcheck  
Steven Mario Volpe  
Caterina Lillian Wallace  
Susan Anne Watkins  
Rebecca Lynn Weitzel  
James Francis Whelan  
Laura Lyn Wickstrom  
Mark Harold Wilde  
Bradley Daniel Wilhelm  
Denise Clare Wilkinson  
Joseph Mathew Witalec  
Ronald Scott Wollett  
Kenetha Jane Wyant  
Kevin Lee Yoder  
Steven Edward Yordy  
Mary Catherine Zimmer

**Cum Laude with Honors in the Liberal Arts and with Distinction in Biology**

Lisa Anne Wissinger

**Cum Laude with Honors in the Liberal Arts and with Distinction in English**

Gregory Louis Messerian

**Cum Laude with Honors in the Liberal Arts and with Distinction in Molecular Genetics**

Edward Charles Gilmore

**Cum Laude with Honors in the Liberal Arts and with Distinction in Physics**

Keith Douglas Ball

**Cum Laude with Honors in the Liberal Arts and with Distinction in Psychology**

Sheri Lynn Faber

**Cum Laude with Honors in the Liberal Arts and with Distinction in Sociology**

Bridget Joy Anderson  
Elizabeth Ann Osborn

**Cum Laude with Honors in the Liberal Arts and with Distinction in Spanish**

Stacy Deanne Cherry

**Cum Laude with Distinction in Animal Science**

Monica Lynn Augenstein

**Cum Laude with Distinction in Elementary Education**

Frances Christine Porter

**Cum Laude with Distinction in Food Science and Nutrition**

Diane Marie Straub

**Cum Laude with Distinction in History**

Laurel Ann Davis

**Cum Laude with Distinction in Mechanical Engineering**

Edward Allen Frey

**Cum Laude with Distinction in Medical Record Administration**

Jane Margaret Cucarese

**Cum Laude with Distinction in Molecular Genetics**

Stephen Michael Soisson

**Cum Laude with Distinction in Natural Resources Development**

Deneen Marie Monson

**Cum Laude with Distinction in Neuroscience**

Caryl Shalini Mather

**Cum Laude with Distinction in Nutrition**

Julie Elizabeth Hoover

**Cum Laude with Distinction in Physical Therapy**

Carol Ann Miller

**Cum Laude with Distinction in Psychology**

Phyllis Abbott

**Cum Laude with Honors in the Liberal Arts**

Glen Joseph Abrams  
Rita Louise Arend  
Brian Anthony Basil  
Mary Beth Carr  
Mark Allen Dorff  
Mark Edward Duell  
Shelly Lynn Duncan  
Dawn Ebe  
Karen Lee Eitel  
Lyn Marie Falanga  
David Brian Golden  
Shivani Gopal  
Salmeh Kasraie  
Jeffrey Scott Merritt  
Lori Dawn Meyers  
Terese Luise Monnin  
Amy Lynne Pryor  
Paula Rojo-Vega  
Elizabeth Joan Runnels  
Matthew Lawrence Sagone  
Christopher Paul Schroeder  
Santha Shanmugam  
Diane Marie Straub  
June Laverne Traicoff  
Richard Darren Watkins  
Montgomery Bruce Zukowski

**Cum Laude with University Honors**

Michael Damien Becks  
Suzanne E. Bish  
David R. Eastwood  
William Joseph Evans  
Fred Wayne Hartman  
Albert George Hepp II  
Keith David Kingsley  
Mark William Reynolds  
Brian Lee Smith  
Scott F. Stephens  
Adina Tumageanian

**With Honors in the Liberal Arts and  
with Distinction in History**

Jason Andrew Gelender

**With Honors in the Liberal Arts and  
with Distinction in Physiology**

John Robert Halliwill

**With Honors in the Liberal Arts and  
with Distinction in Political Science**

Jonathon Paul Evans

**With Honors in the Liberal Arts and  
with Distinction in Psychology**

Cynthia Ann Russell

**With Distinction in Agronomy**

Jonathan Matthew Shaver

**With Distinction in Architecture**

Michael Joseph Carline  
Kenneth Michael Cleaver  
Patrick Michael McNamee

**With Distinction in Biology**

Jennifer Lynn Gold

**With Distinction in Civil  
Engineering**

Jeanne Marie Powell

**With Distinction in Developmental  
Handicaps Education**

Laura Lynn Trzaskoma

**With Distinction in Environmental  
Communications**

Jodi Lynn Barnhill  
Thomas Marshall Bowlus

**With Distinction in Environmental  
Interpretation**

Dana Anne Doll

**With Distinction in Fisheries  
Management**

Mark Allen Dilley

**With Distinction in Mechanical  
Engineering**

Yale Robert Jones

**With Distinction in Natural  
Resources Development**

Perry Jo Cerminara

**With Distinction in Physical  
Education**

Jessica Leigh Hook

**With Distinction in Physical  
Therapy**

Joseph Steven Blasiole

**With Distinction in Psychology**

Karla Loraine Klein

**With Honors in the Liberal Arts**

Charlotte-Anne Thompson Alexander  
Paul David Ballou  
Michael Joseph Banish  
Kelly Ann Childers  
Eric D. Clark  
Mary Alicia Cumming  
Kathleen Elizabeth DeVault  
Kimberly Michelle Frazer  
James S. Gemelas  
Tricia Ann Gibson  
Kristin Carol Gilbert  
Andrew Benjamin Gross  
Julia Marcela Hernandez  
Carolyn Marie James  
Sonja Denise Kraner  
Michael James Merritt  
Elizabeth Anne Michalak  
Mary Siefert Nolan  
Danielle Thérèse Polemeni  
Kelly Ann SanGregory  
Thomas M. Stacklin  
Kathleen Jean Trela  
Robert Chih Wang  
Wendy Ann Welch  
Richard D. Wilson

**With University Honors**

Jan Ove Akerjordet  
Mark Andrew Geary  
David Martin Gill  
Julie Frances Glueck  
Marc Gerard Goerges  
Annette Lisa Haddad  
Charity Marie Henderson  
Todd Michael Jenkins  
Matthew Michael Merz  
Darian Vincent Minkunas  
Philip Donald Mogen  
James Patrick Salyer  
Christopher Robin Van Meter  
Stacey Lyn Voss  
Christopher William Woodward  
Robert Joseph Wuebker

**Cum Laude**

Tara Nicole Abbott  
Shahab Fareer Adbessalam  
Jodi Ann Adams  
Scott Brackenridge Adams  
Sheryl Lyn Agresta  
Amerah Parveen Akhter  
Allison Lynn Alberty  
Anthony Joseph Arnold  
Lisa Helen Avery  
Julie Ann Aylies  
Edward Joseph Baddour  
Michael Anthony Baiker  
Kerry Angeline Banks  
Ellen Claire Barger  
David Christopher Beck  
Janet L. Becker  
Thomas Daniel Bedan  
Francis Matthew Beglin  
George Michael Bellbey  
Kristan Marie Bell  
Cynthia Jane Bellar  
Judith Lynn Berger  
Timothy Alan Bernard  
Nanci Lynn Betteridge  
Matthew Edwin Bianco  
Mark David Bidstrup  
Jennifer Kathleen Bleiholder  
David Allen Blumberg  
John Harlan Bockbrader  
Julie Lynn Bower  
Julia Faye Burnham  
Brenda Carol Burson  
Amanda Elizabeth Carpenter  
Lori Ann Carpenter  
Lisa Jo Carrico  
Julie Linne Carson  
Edith Kay Cermak  
John Arthur Chambers  
John Joseph Clifford  
Cynthia Ann Cooper  
Virgil Nathan Cooper III  
Sally Ann Cooperrider  
Laurie Ann Courtney  
William Ray Crank  
Douglas Lynn Crites  
Kathleen Marie Culek

Daniel Thomas Curtis  
Kathleen Patricia Daley  
Ladawn Stephens Dalley  
Curtis John Daniels  
Nadine Joy Daugherty  
Sharon Kay Daugherty  
Lynn Adele Davis  
Kurt William Deal  
Heather Ann Deiderick  
Denise Lynn Depalma  
Sara Lynne Dille  
Betty Lou Dillinger  
George Domy III  
Mary Kathleen Dorrian  
David Scott Doyle  
Alta Williams Easterday  
John Thomas Eberhart  
Carol Elaine Eirich  
Tina Marie Elek  
Steven Lewis Elieff  
Daniel Joseph Ensminger  
Timothy John Enwright  
Brian Scott Evans  
Kristin Ann Fidler  
Tina Gertrude Fisher  
Sharon Elizabeth Fitzsimons  
Jeffrey Alan Fogle  
Steven Johnson Ford  
Karl Wilmer Gangloff  
John J. Gassner  
Tammy Lynn Gattrell  
Julie Kay Gavinski  
Holly Marie George  
Sara Elaine Gephart  
Stephanie Kim Golledge  
Craig Roger Green  
Seth Jacob Guterman  
Melody L. Haddad  
Arnold Todd Halcomb  
Monty Ray Hale  
Rebecca Lynne Hamilton  
Lori Ann Hamrock  
Gary Dwayne Harris  
Ronald Keith Hatfield  
Nicole Lee Heckerman  
Jennifer Lynn Heinlein  
Christina Ann Helm  
Denise Ann Hillman  
Sherry Lynne Hobson  
Tori L. Hursey  
Diane Lynn Janszen  
Todd Robert Jaros  
Brian Robert Jenkirts  
Anne Elizabeth Jensen  
Amy Lynn Johnstone  
Christina Lynn Jones  
Karen Renee Jutte  
Jason Christopher Keith  
Kelli Ann Kelly  
Deborah Annette Kendig  
Molly Ann Kessler  
Douglas Richard Klingensmith  
Victoria Elizabeth Klimas  
Andrew Scott Knight  
P'Elizabeth Rowe Koelker  
Shannon Marie Koski  
Philip Mark Kozel  
Jetta Lynn Kramer  
Nancy Jean Kranz

Susan Beth Krawczyk  
Kenneth Charles Kubis  
James Glover Laskey  
Molly Anne Leahy  
Katherine Ruth Lehman  
Betsy Ann Leonetti  
Emily Sweet Sweet Lim  
Leona Sue Lim  
Nick Steven Lipari  
Daniel J. Lucke  
Daniel Sheridan Lyon  
Michelle Lynn Mackey  
Sharon Dea Malcom  
Gale Steven Marsh  
Alfred John Martello  
Michele Lee Martina  
Jennifer Ann McClain  
Jodi Lynn McClave  
Julie Ann McFarland  
Autumn Joy McIntyre  
Eric Paul Meiring  
Ann Elizabeth Melick  
Diana Lynn Mescher  
Patricia Lee Meyer  
Michael David Miarer  
Gregory Charles Michaels  
Kristina Dawn Miller  
Pamala J. Miller  
Karla L. Mitchell  
Scott Allen Montgomery  
Dana Lynne Morgan  
John David Morgan  
Cindi R. Morris  
Jerry Joseph Murray, Jr.  
Melissa Joy Nathanson  
Lisa Renee Nestor  
Deborah Ruth New  
Mark Stuart Newman  
Cathy Sue Noble  
Charlotte Ann Oen  
Janet Lynn Olin  
Kimberly Anne Olson  
Kelle Ann Orr  
Jacqueline Beth Pasternack  
Barbara Jo Paul  
Melissa Mae Pendell  
Terry Bernard Philibin  
Sheila Rose Picciano  
Michael Patrick Poland  
Laura Ann Rauch  
Patricia Rose Reik  
Andre Reinhart  
Rochen Chelle Reisig-Love  
John Karl Renner  
Bart N. Rhoten  
Marc Allen Richardson  
Deborah Kay Ridenour  
Dorothy Louise Riggs  
Amy Beth Roeder  
Jamie Annette Roemer  
Thomas Deane Roig  
Paula Rojo-Vega  
Kevin Patrick Roney  
Brenda Lee Rowe  
Joseph Anthony Saedy  
Natalie Patricia Salazar  
Gurpal Singh Sandhu  
Paul Richard Schad  
Jorn Michael Schaffner

Jeffrey Alan Schar  
Cathy Dorn Schwartz  
Coleen Ann Schwartz  
John Douglas Scott  
Shobha HasmuKh Shah  
Ann Christine Shanholtz  
David Harold Sharkis  
Joseph Day Sheaffer  
Marna Jean Shepler  
Janelle Lynn Sherlock  
Kelly Colleen Sherrin  
Robert Thomas Shoaf  
Betsey Leet Simpson  
Michael Wayne Simpson  
David Allen Skerritt  
Ronald Allen Skingle  
Samantha C. Shutnik  
Stephen Brian Sloan  
Kelly Ann Smith  
Brian Thomas Smudz  
David J. Sotos  
Linda Sue Speakman  
Tracey Beth Spiegle  
Fenarni Sri  
Cheri Rene Stentz  
Suzanne Carol Suarez  
Terry Linn Suever  
Stefanus Sofjan Suhadi  
Susan E. Sund  
Joseph Ronald Swing  
Mary Jeannette Tabler  
Julie Kay Taggart  
Jenny Lynne Tausch  
Stacy Lynn Taylor  
Alan Reed Thompson  
Theresa Elizabeth Thompson  
Lori Beth Tope  
Michael David Toth  
Jeffrey Bryant Travers  
Brendon John Tripodo  
Christian Douglass Tucker  
April Joy Uohara  
Cheryl Lynn Upperman  
Connie H. Vagnier  
Robin Ann Van Order  
James Michael Villareal  
Ellette Renee Wagenman  
Kevin Dale Wagner  
Bruce Douglas Walker  
Christopher Richard Warnick  
Mark Andrew Watson  
Amy Lynn Waydo  
Mindy Fran Weinstein  
Amy Sue Werkin  
John Charles Wheeler  
Ronald Edward Wichman  
G. Shockley Wier  
Debra Lynn Wigal  
Mark Anthony Wilken  
Phoebe Willis-Rennie  
Ann-Janene Marie Wilson  
Richard Allen Winning  
Jennifer Lynn Young  
Stacy Ann Zaworski  
Matthew Paul Ziccardi  
Johnathan Hendricks Zizka

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THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND TWO HUNDRED AND SEVENTY-THIRD MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, June 7, 1991

The Board of Trustees met at its regular monthly meeting on Friday, June 7, 1991, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

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Minutes of the last meeting were approved.

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June 7, 1991 meeting, Board of Trustees

The Chairman, Mr. Teaford, called the meeting of the Board of Trustees to order on June 7, 1991, at 11:15 a.m. He requested the Secretary to call the roll.

Present: Hamilton J. Teaford, Chairman, John J. Barone, Deborah E. Casto, John W. Kessler, Milton A. Wolf, Leslie H. Wexner, Alex Shumate, Theodore S. Celeste, Michael F. Colley, and David A. Tonnies.

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#### INTRODUCTION OF NEW BOARD MEMBER

Mr. Teaford:

It is my great pleasure to introduce Michael F. Colley, who was appointed by Governor Voinovich on May 15, for a term which expires May 13, 2000. He succeeds Shirley Dunlap Bowser, whose term has expired. I have great empathy with our new member because he comes on here with eight appointees of a previous Governor, as did I. And I can only hope that it will be as pleasurable for you as it has been for me.

Mr. Colley earned his bachelor and law degrees from The Ohio State University, and in 1987 received the OSU College of Law Award of Distinction. He is a former member of the Ohio Board of Regents, serving from 1982-86. Mr. Colley currently practices law here in Columbus, and is the former chairman of the Ohio Republican Party and chairman of the Franklin County Republican Party. And, he has a justified reputation in this community as one of Columbus' finest litigators.

Welcome, Mr. Colley.

Mr. Colley:

Thank you, Mr. Chairman

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#### PRESIDENT'S REPORT

President Gee:

I reported last month that a great deal of time is spent at the end of the year recognizing members of the University community for their great efforts in a variety of pursuits. Let me make note of a few of these special occasions held during May.

International Day celebrated the important international dimension of this great University. Ohio State has a world presence, and we must continue to provide opportunities for our faculty and students to be exposed to this global community. Further, we are committed to a welcoming environment for international students and scholars to experience Ohio State. In an expanded awards program this year, faculty, staff, and students were commended for their efforts to advance our international activity.

## PRESIDENT'S REPORT (contd)

President Gee: (contd)

The Office of Disability Services held a volunteer recognition program at which individuals and organizations were honored for the time they give. I wish you could have been there to hear the heartfelt words of appreciation from a blind student who chose Ohio State because of our outstanding reputation as a university in which students with special needs are supported through volunteers. A learning disabled student also shared his appreciation for assistance in test-taking. I was inspired by this very fine program and applaud the spirit of volunteerism in our students, faculty, and staff.

In the same vein, the Citizenship Awards were given for the first time this year, to recognize significant volunteer contributions by staff to their community. The people of this University give thousands of hours of time and talent to the benefit of our communities. Their efforts also reflect very favorably upon the University, and I was delighted to see this activity receiving our recognition.

The Scholar Athlete Recognition Dinner provided an opportunity to salute many students who have excelled in the classroom as well as in their sports. The Athletic Department has had an excellent year in competition and in academics, and we can take great pride in this particular program.

I would be remiss not to mention that just last week, Mark Croghan set a world record while winning the NCAA title in the steeplechase. Two track athletes and three baseball players were named to All-American teams, and Ohio State is sending a school record six members and a graduate assistant to the U.S. National Gymnastics Championships this weekend. We added a Big Ten Championship in baseball to our record of achievements.

The Affirmative Action Awards honored those people and groups who have advanced human rights and dignity. This program serves not only to recognize past efforts, but also to renew our resolve and inspire our energy in continuing to address these very important issues.

The important role of staff members was recognized at the Staff Awards program, through which our colleagues in administrative and professional positions and Civil Service roles receive our thanks for good work. Hearing the biographies of the winners served as a reminder of the crucial role our dedicated staff members play in the success of this University.

The alumni reunions of the 50 and 60 year classes were wonderful events, recognizing the years of loyalty demonstrated by outstanding alumni. You should know that the 50 year class, the class of 1941, in addition to being a lively and accomplished group, has over the years donated more than \$2.6 million dollars to our University. That is a true model of alumni commitment!

We received a very generous check from the Merry-makers Club of Columbus for the National Achievement Scholars Program. This important group of community leaders continues to support Ohio State in meaningful and significant ways, including these scholarships.

## PRESIDENT'S REPORT (contd)

President Gee: (contd)

As we have reported in the media and to the Board, the number of merit scholars in next year's class is very exciting. More than 100 are expected to be with us in the fall, and this month we brought five students and their parents to campus for the announcement.

While I am delighted to report the statistical success of our recruiting efforts, I am even more enthused about the individual students behind these numbers.

For example, Andrew Shih from Bowling Green played baritone in the band, guitar in the jazz ensemble, and classical piano. He also played first team doubles on the school tennis team while earning the rank of number one in his class. In a similar vein, Gregory Smith of Fairborn High School was editor of the yearbook, captain of the tennis team, and member of the soccer team, while finishing second in his class of 452. These students bring a breadth of experience and quality academic performance that will challenge all of us to keep up with them!

To shape the University that these students will experience, and the generations that follow them, we have embarked on an academic planning initiative, as you are aware. I want to update you on our progress.

Following-up on the "town meetings" held across the University, Vice Provost Howard Gauthier is coordinating a series of focusing groups. Leaders for these groups have been selected and trained, and we are moving ahead with what will be a set of very interesting discussion groups. Professor Gauthier reports great cooperation and participation on the part of all segments of the University. I believe some are, frankly, amazed with the speed and diligence of this process. I am excited and optimistic about its excellent result and I congratulate our Provost for his leadership.

Playing important roles in that bright future are some important new leaders for Ohio State. Pamela Shoemaker, an associate professor of journalism at the University of Texas and an Ohio native, will Direct the School of Journalism. Dr. Shoemaker has authored a new book on "Mediating the Message: Theories of Influence on Mass Media Content."

Violet Meek, associate director for sponsored program development of the Research Foundation, is acting dean and director of Ohio State-Lima. We were most fortunate that a scholar and administrator of her experience was available for this important appointment.

Henry Fields, assistant dean for academic affairs at the University of North Carolina School of Dentistry, will be joining us as Dean of the College of Dentistry. He is a scholar of distinction who will provide effective leadership for our outstanding college.

Today, although we have introduced him, we are pleased to note that Dr. Edward Hayes, Vice President for Research, is here in his official capacity. Welcome Ed, we are glad to have you here and look forward to your July 1 starting date.

**PRESIDENT'S REPORT (contd)**

President Gee: (contd)

Finally, I want to welcome and acknowledge our newest member of the Board of Trustees, Mr. Michael Colley. Twice, as was already noted, a graduate of Ohio State and a former member of the Board of Regents, he will bring -- and already has in his first 3 hours, Mike -- great energy and insight to this position. I look forward to working with you and on behalf of all of my colleagues congratulate you on this significant recognition.

I will close by saying that I look forward to seeing you at Commencement next Friday. It will be an historic occasion -- not, of course, because I am standing in for George Bush, Bill Cosby, and any of the other popular choices as speaker, but because we will be awarding, sometime during that ceremony, our 400,000th degree from The Ohio State University. That is a remarkable achievement and a great occasion!

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**COMMITTEE APPOINTMENTS 1991-92**

Resolution No. 91-128

WHEREAS the appointments to Committees and representatives to the Research Foundation Board of Directors, the Inter-University Council, the University Hospitals Board, The Arthur G. James Cancer Hospital and Research Institute Trustee Liaison, the Ohio State University Affiliates, Inc., Board of Directors, and the Ad Hoc Committee on Planning for 1991-92 are as follows:

Educational Affairs	Deborah E. Casto, Chair John W. Kessler, Vice Chair Alex Shumate Milton A. Wolf
Investments Committee	Milton A. Wolf, Chair Deborah E. Casto, Vice Chair Michael F. Colley
Standing Committee on Agricultural Affairs	Theodore S. Celeste, Chair Fred L. Dailey, Vice Chair, Ex Officio John W. Kessler Michael F. Colley
Student Affairs	David A. Tonnies, Chair Theodore S. Celeste, Vice Chair Michael F. Colley New Student Trustee
Fiscal Affairs	Alex Shumate, Chair John J. Barone, Vice Chair John W. Kessler
Personnel Committee	Hamilton J. Teaford, Chair John J. Barone, Vice Chair Deborah E. Casto

June 7, 1991 meeting, Board of Trustees

**COMMITTEE APPOINTMENTS 1991-92 (contd)**

Inter-University Council	Theodore S. Celeste
Research Foundation Board of Directors	Deborah E. Casto
University Hospitals Board	Theodore S. Celeste John J. Barone
The Arthur G. James Cancer Hospital and Research Institute Trustee Liaison	John W. Kessler, Chair John J. Barone
Ohio State University Affiliates, Inc.	Hamilton J. Teaford (term 1 yr) John J. Barone (term 2 yrs) Deborah E. Casto (term 3 yrs)
Ad Hoc Committee on Planning*	Leslie H. Wexner, Chair Deborah E. Casto, Vice Chair Alex Shumate Michael F. Colley

\*Serves as Board of Trustee's interface with the University's Planning Committee.

NOW THEREFORE

BE IT RESOLVED, That the above Committee appointments and the representatives for 1991-92 are hereby ratified and confirmed.

Upon motion of Mr. Celeste, seconded by Mr. Shumate, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**RESEARCH FOUNDATION REPORT**

Ms. Casto:

Research Foundation grants and contracts for the first ten months of fiscal year 1991 are shown in the Board Agenda Book. There are 1,172 awards listed which provide a gross income of \$100 million.

Funding for this quarter is almost 3 percent ahead of that of the first ten months of fiscal year 1990. Federal funding has increased overall, specifically in the Departments of Energy and Health and Human Services. Funding from both the State of Ohio and Industrial sectors has also increased. Some highlights of awards for April are:

\$157,000 from the Department of the Air Force to study electron transfer rates on solid electrodes.

\$137,000 from the National Heart, Lung, and Blood Institute for a project on risk factors for adults with heart disease.

June 7, 1991 meeting, Board of Trustees

**RESEARCH FOUNDATION REPORT (contd)**

Ms. Casto:

\$96,000 from the National Institute of General Medical Science for a study on plant defense genes.

\$64,000 from the American Dental Laser Company for a project on dental laser surgery.

Thank you. That concludes my report.

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**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS**

Resolution No. 91-129

Synopsis: The Fiscal Affairs Committee recommended approval of the research contracts, grants, and gifts and the summary for April 1991.

WHEREAS monies are solicited and received on behalf of the University from governmental, industrial, other agencies, alumni, and various individuals in support of research, instructional activities, and service; and

WHEREAS such gifts and grants are received through The Ohio State University Research Foundation, the Engineering Experiment Station of The Ohio State University, and The Ohio State University Development Fund:

NOW THEREFORE

BE IT RESOLVED, That the research agreement between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the reports from the Engineering Experiment Station and The Ohio State University Development Fund during the month of April 1991 be approved.

Upon motion of Mr. Celeste, seconded by Mr. Wexner, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

Summary

APRIL 1991

<u>Source</u>	<u>7/1/89-4/30/90</u>	<u>7/1/90-4/30/91</u>	<u>April 1991</u>
The Ohio State University Research Foundation	\$97,686,025.99	\$100,348,813.40	\$ 9,033,595.37
Engineering Experiment Station	\$ 5,169,386.00	\$ 6,102,904.00	\$ 668,598.00

June 7, 1991 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

Background (contd)

APRIL 1991 (contd)

The Ohio State University Development Fund

Establishment of Named Funds

The Hazel Hensel Memorial Distinguished/Medalist/ University Scholarship Fund (Undergraduate merit scholarships)	\$ 115,000.00
The Le Evelyn and Robert C. Kintner Chemical Engineering Fund (Support outstanding research)	\$ 65,000.00
The Jack C. and Charlotte D. Smith Scholarship Fund (Merit Scholarships - Department of Physics)	\$ 61,050.00
The Yocum Family Scholarship Fund (Scholarships - students from Washington High School, Massillon, Ohio)	\$ 52,681.92
The Francis B. McCormick Professorship Fund (Establish the Francis B. McCormick Professorship in Agricultural Marketing and Policy)	\$ 45,484.05
The Starling Ohio Women's Club Scholarship Fund (Scholarships - Colleges of Dentistry and Medicine)	\$ 45,000.00
The George N. Motts Memorial University Scholarship Fund (Undergraduate merit scholarships for George N. Motts University Scholars)	\$ 24,148.75
The Louis P. Benua Memorial Scholarship Fund in Engineering (Scholarships - Industrial and Systems Engineering)	\$ 18,225.00
The Robert J. Watkins Scholarship Fund (Financial assistance - College of Law)	\$ 15,481.00
The William J. Brakel Endowed Scholarship Fund in Dairy Science (Scholarships)	\$ 15,180.00
The Thomas A. Wilson Research and Education Program Fund in Agricultural Economics (Support key academic activities - Department of Agricultural Economics and Rural Sociology)	\$ 15,000.00

Recision and Redesignation of Fund

Rescind the Noel F. George, Baker & Hostetler Chair in Law Fund and redesignate the existing principal and income to The Baker & Hostetler Law Library and Building Fund

June 7, 1991 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Report - April 1991

Federal Research Contracts/Grants

\$435,166.00 - Department of Agriculture, Science and Education, Washington, D.C., North Central Region Special Studies Program for Pesticide Impact Assessment, Department of Entomology - OARDC and Department of Entomology (A. C. Waldron), 1 April 1990 through 31 March 1993. (Project 768223 - Continuation)

\$237,783.00 - Department of Health and Human Services, National Center for Nursing Research, Bethesda, Maryland, Endotracheal Suctioning in Acutely Ill Adults, Department of Life Span Process (K. S. Stone), 1 April 1991 through 31 March 1992. (Project 765998 - Continuation)

\$220,618.00 - Department of Health and Human Services, National Institute of General Medical Sciences, Bethesda, Maryland, RNA Splicing in Neurospora Mitochondria, Department of Molecular Genetics, Department of Biochemistry, and Biotechnology Program (A. M. Lambowitz), 1 April 1991 through 31 March 1992. (Project 765596 - Continuation)

\$211,640.00 - Department of Health and Human Services, National Institute of General Medical Sciences, Bethesda, Maryland, Synthesis of Unusual Biologically Active Terpenes, Department of Chemistry (L. A. Paquette), 1 April 1991 through 31 March 1992. (Project 763497 - Continuation)

\$204,822.00 - Department of Energy, Argonne, Illinois, Synthesis and Evaluation of Boron Compounds for Neutron Capture Therapy of Malignant Brain Tumors, College of Pharmacy (A. H. Soloway) and Department of Pathology (R. F. Barth), 1 May 1991 through 30 April 1992. (Project 768250 - Continuation)

\$199,112.00 - Department of Education, Office of Postsecondary Education, Washington, D.C., Upward Bound Program, Office of Minority Affairs (J. Russell), 1 September 1991 through 31 August 1992. (Project 767700 - Continuation)

\$184,877.00 - Department of Health and Human Services, National Cancer Institute, Bethesda, Maryland, Chemistry of Novel Natural Inhibitors of Carcinogenesis, College of Pharmacy (J. M. Cassady), 1 April 1991 through 31 March 1992. (Project 766665 - Continuation)

\$174,976.00 - Department of Health and Human Services, National Institute of Diabetes and Digestive and Kidney Diseases, Bethesda, Maryland, Regulation of (N-3) and (N-6) Fatty Acid Metabolism, Department of Medical Biochemistry (H. W. Sprecher), 1 April 1991 through 31 March 1992. (Project 760745 - Continuation)

\$163,537.00 - Department of Health and Human Services, National Center for Research Resources, Bethesda, Maryland, Topical In Vivo Electron Spin Resonance, Department of Chemistry (L. J. Berliner), 1 April 1991 through 31 March 1992. (Project 766380 - Continuation)

\$158,783.00 - Department of Health and Human Services, National Institute of General Medical Sciences, Bethesda, Maryland, Mechanism of Phospholipase A<sub>2</sub>, Department of Chemistry (M.-D. Tsai), 1 April 1991 through 31 March 1992. (Project 767369 - Continuation)

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## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

#### Federal Research Contracts/Grants (contd)

\$157,299.00 - Department of the Air Force, Air Force Systems Command, Bolling Air Force Base, D.C., In Situ Laser Activation of Electrochemical Charge Transfer Kinetics, Department of Chemistry (R. L. McCreery), 1 March 1991 through 29 February 1992. (Project 768992 - New)

\$140,250.00 - Department of Energy, Argonne, Illinois, Strongly Interacting Fermion Systems, Department of Physics (J. W. Wilkins), 15 November 1990 through 14 November 1991. (Project 766783 - Continuation)

\$139,175.00 - Department of Health and Human Services, National Cancer Institute, Bethesda, Maryland, Deoxycytidine Kinase: Regulation and Molecular Biology, Department of Biochemistry (D. H. Ives), 1 May 1991 through 30 April 1992. (Project 767295 - Continuation)

\$139,130.00 - Department of Health and Human Services, National Institute of Neurological Disorders and Stroke, Bethesda, Maryland, Mechanisms of Lipase Activation in Alzheimer's Disease, Department of Medical Biochemistry (L. A. Horrocks and A. A. Farooqui), 1 April 1991 through 31 March 1992. (Project 768997 - New)

\$137,418.00 - Department of Health and Human Services, National Heart, Lung, and Blood Institute, Bethesda, Maryland, Risk Factors in Early Human Atherogenesis, Biomedical Engineering Center (J. F. Cornhill), 1 April 1991 through 31 March 1992. (Project 768972 - New)

\$130,530.00 - Department of Health and Human Services, National Institute on Deafness and Other Communication Disorders, Bethesda, Maryland, Otitis Media with Effusion: Human and Animal Studies, Department of Otolaryngology (D. J. Lim), 15 February 1991 through 30 November 1991. (Project 760043 - Continuation)

\$117,515.00 - Department of Health and Human Services, National Institute of Diabetes and Digestive and Kidney Diseases, Bethesda, Maryland, Feline Retrovirus-Associated Endocrine Dysfunction, Department of Veterinary Pathobiology (J. L. Rojko, L. E. Mathes, and C. A. Brooks), 1 March 1991 through 28 February 1992. (Project 767361 - Continuation)

\$112,460.00 - Department of Health and Human Services, National Institute of General Medical Sciences, Bethesda, Maryland, Synthesis of Biologically Active Alkaloids, Department of Chemistry (D. J. Hart), 1 April 1991 through 31 March 1992. (Project 762083 - Continuation)

\$108,292.00 - Department of the Air Force, Air Force Systems Command, Bolling Air Force Base, D.C., Investigation of the Hepatotoxic and Immunotoxic Effects of the Peroxisome Proliferator, Perfluorodecanoic Acid, Department of Veterinary Pathobiology (M. J. Tarr and G. S. Krakowka), 1 September 1990 through 31 March 1992. (Project 768380 - Continuation)

\$107,015.00 - Department of Health and Human Services, National Institute of General Medical Sciences, Bethesda, Maryland, Regulation of Histidine Utilization in Streptomyces, Department of Microbiology (K. E. Kendrick), 1 April 1991 through 31 March 1992. (Project 767370 - Continuation)

\$105,912.00 - Department of Transportation, National Highway Traffic Safety Administration, East Liberty, Ohio, Support of Defects Investigations, Department of Mechanical Engineering (D. A. Guenther), 16 November 1990 through 15 November 1991. (Project 765180 - Continuation)

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**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

Federal Research Contracts/Grants (contd)

\$105,709.00 - Department of Education, Office of Special Education and Rehabilitation Services, Washington, D.C., Leadership Training in Special Education at The Ohio State University: A Ph.D. Program in Special Education with an Emphasis in Applied Behavior Analysis, Department of Educational Services and Research (W. L. Heward), 1 October 1991 through 30 September 1992. (Project 768965 - New)

\$100,538.00 - Department of Health and Human Services, National Institute of General Medical Sciences, Bethesda, Maryland, Structure, Function, and Dynamics of P-450 Cytochromes, College of Pharmacy (S. Black), 1 February 1991 through 31 January 1992. (Project 766583 - Continuation)

\$98,600.00 - Department of Energy, Argonne, Illinois, Investigations of Ultrasonic Wave Interactions at Boundaries Separating Anisotropic Materials, Department of Welding Engineering (L. Adler and P. Nagy), 1 April 1991 through 31 March 1992. (Project 764033 - Continuation)

\$97,703.00 - National Science Foundation, Washington, D.C., Ross Young Scholars Program, Department of Mathematics (A. E. Ross and G. R. Woods), 1 March 1991 through 29 February 1992. (Project 768938 - New)

\$96,509.00 - Department of Health and Human Services, National Institute of General Medical Sciences, Bethesda, Maryland, Genetic Approaches for Identifying Plant Defense Genes, Biotechnology Program and Department of Plant Biology (K. R. Davis), 1 April 1991 through 31 March 1992. (Project 768996 - New)

\$96,305.00 - Department of Agriculture, Science and Education, Washington, D.C., Targeting the Overwintering Colorado Potato Beetle with Cultural and Physical Controls, Department of Entomology - OARDC (C. W. Hoy), 1 April 1991 through 31 March 1993. (Project 768986 - New)

\$93,695.00 - Department of the Air Force, Air Force Systems Command, Bolling Air Force Base, D.C., Study of the Vortex-Glass Phase Transition in High Temperature Superconductors, Department of Physics (T. R. Lemberger), 1 April 1991 through 31 March 1992. (Project 768793 - New)

\$93,051.00 - Department of Health and Human Services, National Institute of Mental Health, Rockville, Maryland, Constraints on Cognitive Theories of Performance, Department of Psychology (C. Palmer), 1 April 1991 through 31 December 1991. (Project 768151 - Continuation)

\$92,059.00 - Department of Health and Human Services, National Cancer Institute, Bethesda, Maryland, Preclinical Pharmacology Investigations of Antitumor Agents, College of Pharmacy (J. Supko), 14 April 1991 through 13 September 1991. (Project 767472 - Continuation)

\$89,452.00 - Department of Health and Human Services, National Institute on Deafness and Other Communication Disorders, Bethesda, Maryland, Neural Basis of Taste Elicited Ingestion and Rejection, Oral Biology (J. B. Travers), 1 April 1991 through 31 March 1992. (Project 765695 - Continuation)

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## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

#### Federal Research Contracts/Grants (contd)

\$85,912.00 - Department of Health and Human Services, National Institute of Neurological Disorders and Stroke, Bethesda, Maryland, Expression of Granule Cell GABA<sub>2</sub> Receptors, Department of Pharmacology (A. Frosthalm), 1 April 1991 through 31 March 1992. (Project 767411 - Continuation)

\$84,955.00 - Department of Health and Human Services, National Institute of Child Health and Human Development, Bethesda, Maryland, Regulation of Human Decidual Prolactin, Department of Internal Medicine (R. D. Jackson), 1 April 1991 through 31 March 1992. (Project 766234 - Continuation)

\$84,172.00 - Department of Health and Human Services, National Institute of Neurological Disorders and Stroke, Bethesda, Maryland, Receptor Regulation of Adrenal Catecholamine Secretion, College of Pharmacy (D. B. McKay), 1 April 1991 through 31 March 1992. (Project 765968 - Continuation)

\$81,000.00 - National Science Foundation, Washington, D.C., Chemotaxis as a Determinant of Competitive Success in Soil, Rhizosphere, and Symbiotic Infection, Department of Agronomy - OARDC and Department of Agronomy (W. D. Bauer), 1 May 1991 through 30 April 1992. (Project 767326 - Continuation)

\$78,722.00 - Department of Health and Human Services, National Center for Research Resources, Bethesda, Maryland, Biomedical Research Support Grant, Medicine Administration (D. G. Cornwell), 1 April 1991 through 31 March 1992. (Project 761078 - Continuation)

\$74,274.00 - Department of Health and Human Services, National Heart, Lung, and Blood Institute, Bethesda, Maryland, Mediastinal Effects on Pulmonary Function, Department of Veterinary Physiology and Pharmacology (L. E. Olson), 1 April 1991 through 31 March 1992. (Project 765986 - Continuation)

\$70,035.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Compressible Free Shear Layer, Department of Mechanical Engineering (M. Samimy), 1 October 1990 through 30 September 1991. (Project 768247 - Continuation)

\$69,735.00 - National Science Foundation, Washington, D.C., The Environmental History of the Amazon Rain Forest, Department of Zoology (P. A. Colinvaux), 15 August 1990 through 31 July 1991. (Project 768632 - Continuation)

\$67,238.00 - Department of Energy, Argonne, Illinois, The Molecular Characterization of the Lignin-Forming Peroxidase, Department of Horticulture - OARDC and Department of Horticulture (L. M. Lagrimini), 1 April 1991 through 31 March 1992. (Project 767373 - Continuation)

\$65,000.00 - National Science Foundation, Washington, D.C., Electron-Polyatomic Molecule Collisions and Ionization in Intense Fields, Department of Chemistry (C. W. McCurdy), 1 April 1991 through 31 March 1992. (Project 768158 - Continuation)

\$63,875.00 - Department of Agriculture, Science and Education, Washington, D.C., Improved Sampling Methods and Decision Models for Potato Early Dying Integrated Pest Management Programs, Department of Plant Pathology - OARDC (R. C. Rowe, R. M. Riedel, and L. Madden), 1 June 1991 through 31 May 1993. (Project 768983 - New)

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## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

#### Federal Research Contracts/Grants (contd)

\$63,725.00 - Department of Agriculture, Science and Education, Washington, D.C., Constraints on Velvetleaf Population Growth in Agroecosystems, Department of Agronomy - OARDC (J. Cardina) and Department of Agronomy (E. E. Regnier), 1 May 1991 through 30 April 1993. (Project 767474 - Continuation)

\$63,074.00 - Department of the Army, Army Research Office, Research Triangle Park, North Carolina, Boundary Layers Induced by Three-Dimensional Vortex Loops, Department of Mechanical Engineering (A. T. Conlisk), 1 May 1991 through 30 April 1992. (Project 767440 - Continuation)

\$60,800.00 - Department of Education, Office of Postsecondary Education, Washington, D.C., Graduate Assistance Fellowships in Areas of National Need, Department of Physics (J. T. Tough), 1 September 1990 through 31 August 1991. (Project 768272 - Continuation)

\$56,150.00 - Department of Health and Human Services, National Center for Research Resources, Bethesda, Maryland, Biomedical Research Support Grant, Research and Graduate Studies Administration (T. L. Sweeney), 1 April 1991 through 31 March 1992. (Project 764748 - Continuation)

\$54,925.00 - National Aeronautics and Space Administration, Washington, D.C., A Preliminary Investigation of File Transfers Via a Satellite, Ohio Supercomputer Center (A. A. Brown and A. E. Stutz), 21 March 1991 through 20 October 1991. (Project 768974 - New)

\$51,729.00 - Department of Education, Washington, D.C., Second Year Materials Project for Modern Standard Arabic, Department of Judaic and Near Eastern Languages and Literatures (M. M. Alesh), 15 July 1991 through 14 July 1992. (Project 768416 - New)

\$44,479.00 - National Science Foundation, Washington, D.C., Computer-Controlled Instrumentation for an Undergraduate Signals and Systems Laboratory, Department of Electrical Engineering (S. Yurkovich), 15 March 1991 through 28 February 1993. (Project 768932 - New)

\$43,666.00 - National Science Foundation, Washington, D.C., Cyclic Homology, Higher Indices, and Secondary Invariants, Department of Mathematics (H. Moscovici), 1 June 1991 through 31 May 1992. (Project 768958 - New)

\$37,500.00 - National Science Foundation, Washington, D.C., Presidential Young Investigator Award, Department of Mathematics (K. Rubin), 1 February 1991 through 31 January 1992. (Project 766905 - Continuation)

\$36,750.00 - Department of Health and Human Services, National Institute on Deafness and Other Communication Disorders, Bethesda, Maryland, Feasibility of Using Neural Networks to Study American Sign Language (ASL) Signs, Biomedical Engineering Center (M. B. Waldron), 1 April 1991 through 31 March 1992. (Project 768964 - New)

\$35,454.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Molecular Biology of the Extremely Thermophilic Archaeobacterium, Methanothermus fervidus, Department of Microbiology (J. N. Reeve), 1 June 1991 through 31 May 1992. (Project 768947 - Continuation)

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**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$34,950.00 - National Science Foundation, Washington, D.C., Isoperimetric Inequalities and Lower Bounds for Stochastic Processes, Department of Mathematics (M. Talagrand), 1 June 1991 through 31 May 1992. (Project 768987 - New)

\$34,770.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, The Evaluation of Coatings and Lubricants for Increased Service Lives of Die Casting Dies, Department of Industrial and Systems Engineering (R. Shivpuri) and Engineering Experiment Station (T. Altan), 30 March 1991 through 29 September 1991. (Project 767083 - Continuation)

\$34,245.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, Video Data Compression Using Neural Networks, Department of Electrical Engineering (S. Ahalt and A. K. Krishnamurthy), 1 April 1991 through 30 September 1991. (Project 768241 - Continuation)

\$31,048.00 - Department of the Air Force, Air Force Systems Command, Bolling Air Force Base, D.C., Chaos and Homoclinic Orbits in Near Integrable Partial Differential Equations, Department of Mathematics (E. A. Overman), 15 March 1991 through 14 March 1992. (Project 768994 - New)

\$30,000.00 - Department of the Air Force, Air Force Systems Command, Bolling Air Force Base, D.C., Stability of Boundary Layers at High Supersonic and Hypersonic Speeds, Department of Mechanical Engineering and Department of Aeronautical and Astronautical Engineering (T. Herbert), 1 January 1991 through 30 April 1991. (Project 766854 - Continuation)

\$28,060.00 - Department of Health and Human Services, National Institute on Deafness and Other Communication Disorders, Bethesda, Maryland, Recent Advances in Otitis Media: Research Conference, Department of Otolaryngology (D. J. Lim), 1 April 1991 through 31 March 1992. (Project 768977 - New)

\$26,000.00 - Department of Health and Human Services, National Center for Research Resources, Bethesda, Maryland, Minority High School Student Research Apprenticeship Program/ Biological Sciences, Office of Minority Affairs (L. G. Morrow), 1 March 1991 through 29 February 1992. (Project 768148 - Continuation)

\$26,000.00 - Department of Health and Human Services, National Center for Research Resources, Bethesda, Maryland, Minority High School Student Research Apprenticeship Program/ Dentistry, Office of Minority Affairs (L. G. Morrow), 1 March 1991 through 29 February 1992. (Project 768149 - Continuation)

\$26,000.00 - Department of Health and Human Services, National Center for Research Resources, Bethesda, Maryland, Minority High School Student Research Apprenticeship Program/ Medicine, Office of Minority Affairs (L. G. Morrow), 1 March 1991 through 29 February 1992. (Project 768145 - Continuation)

\$26,000.00 - Department of Health and Human Services, National Center for Research Resources, Bethesda, Maryland, Minority High School Student Research Apprenticeship Program/ Pharmacy, Office of Minority Affairs (L. G. Morrow), 1 March 1991 through 29 February 1992. (Project 768147 - Continuation)

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**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

Federal Research Contracts/Grants (contd)

\$26,000.00 - Department of Health and Human Services, National Center for Research Resources, Bethesda, Maryland, Minority High School Student Research Apprenticeship Program/ Veterinary Medicine, Office of Minority Affairs (L. G. Morrow), 1 March 1991 through 29 February 1992. (Project 768146 - Continuation)

\$25,000.00 - Department of Agriculture, Science and Education, Peoria, Illinois, The Erodibility of Water Erosion Prediction Project (WEPP) Cropland Soils, Department of Agricultural Engineering - OARDC and Department of Agricultural Engineering (W. J. Elliot), 27 February 1990 through 30 September 1991. (Project 768134 - Continuation)

\$21,000.00 - Department of Health and Human Services, National Center for Research Resources, Bethesda, Maryland, Minority High School Student Research Apprenticeship Program/Nursing, Office of Minority Affairs (L. G. Morrow), 1 March 1991 through 29 February 1992. (Project 768989 - New)

\$13,634.00 - Department of Health and Human Services, National Center for Research Resources, Bethesda, Maryland, Biomedical Research Support Grant, College of Pharmacy (J. M. Cassady), 1 April 1991 through 31 March 1992. (Project 760661 - Continuation)

\$11,044.00 - Department of Health and Human Services, National Center for Research Resources, Bethesda, Maryland, Biomedical Research Support Grant, Dentistry Administration (W. R. Wallace), 1 April 1991 through 31 March 1992. (Project 764652 - Continuation)

\$10,960.00 - National Science Foundation, Washington, D.C., U.S. Participation in the Second United Kingdom Workshop on Rehabilitation Robotics, Department of Educational Policy and Leadership (R. Howell), 1 April 1991 through 31 March 1992. (Project 768922 - New)

\$10,000.00 - Department of Defense, National Security Agency, Fort George G. Meade, Maryland, Conference in the Arithmetic of Function Fields, Department of Mathematics (D. M. Goss), 1 March 1991 through 29 February 1992. (Project 768940 - New)

\$10,000.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Structure and Dynamics of Bluff Body Wakes, Department of Mechanical Engineering (Y. G. Guezennec), 15 February 1990 through 30 September 1991. (Project 768183 - Continuation)

\$10,000.00 - National Science Foundation, Washington, D.C., Kinetics, Spectroscopy, and Mechanistic Studies of Carbenes, Biradicals, and Radicals, Department of Chemistry (M. S. Platz), 20 March 1991 through 31 January 1992. (Project 767259 - Continuation)

\$9,837.00 - Department of Health and Human Services, National Center for Research Resources, Bethesda, Maryland, Biomedical Research Support Grant, Veterinary Medicine Administration (R. A. Wright), 1 April 1991 through 31 March 1992. (Project 762776 - Continuation)

\$9,614.00 - National Science Foundation, Washington, D.C., Soil Reinforcement by Vegetation Roots, Department of Civil Engineering (T. H. Wu), 1 April 1991 through 31 March 1992. (Project 768966 - New)

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**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$8,623.62 - Department of Health and Human Services, National Institute of Environmental Health Sciences, Bethesda, Maryland, Neuroendocrine Regulation of Galanin and LHRH Secretion of Reproductive Function, Department of Veterinary Anatomy and Cellular Biology (M. C. Ching), 1 February 1991 through 30 September 1991. (Project 768943 - New)

\$8,000.00 - National Science Foundation, Washington, D.C., The Relativistic Optical Model at Intermediate Energies, Department of Physics (B. C. Clark), 15 July 1990 through 30 June 1991. (Project 767674 - Continuation)

\$7,827.00 - Department of Health and Human Services, National Center for Research Resources, Bethesda, Maryland, Biomedical Research Support Grant, Nursing Administration (C. A. Anderson), 1 April 1991 through 31 March 1992. (Project 764658 - Continuation)

\$5,880.00 - Department of Health and Human Services, National Cancer Institute, Bethesda, Maryland, The Value of Glyco- lipids for Classifying Astrocytomas, Department of Pathology (A. J. Yates), 1 September 1990 through 31 August 1991. (Project 767769 - Continuation)

\$5,000.00 - Department of Health and Human Services, National Center for Research Resources, Bethesda, Maryland, Biomedical Research Support Grant, College of Optometry (R. M. Hill), 1 April 1991 through 31 March 1992. (Project 765317 - Continuation)

\$5,000.00 - National Science Foundation, Washington, D.C., Diversity and Distribution of Fossil Floras from Southern Victoria Land, Antarctica, Byrd Polar Research Center (E. L. Taylor and T. N. Taylor) and Department of Plant Biology (T. N. Taylor), 1 June 1990 through 30 September 1991. (Project 766664 - Continuation)

\$4,135.00 - National Science Foundation, Washington, D.C., Research Experience for Undergraduates Supplement, Department of Civil Engineering (M. R. McCord), 6 March 1991 through 31 December 1991. (Project 766242 - Continuation)

\$4,000.00 - National Science Foundation, Washington, D.C., Structure and Dynamic Behavior of Selected Organolithium Compounds, Department of Chemistry (G. A. Fraenkel), 8 April 1991 through 31 December 1991. (Project 767225 - Continuation)

\$4,000.00 - National Science Foundation, Washington, D.C., The Information Processing Effects of Attitude Importance -- Research Experiences for Undergraduates, Department of Psychology (J. Krosnick), 15 June 1990 through 30 June 1992. (Project 768413 - Continuation)

\$3,528.00 - Department of the Navy, Bureau of Medicine and Surgery, Bethesda, Maryland, Analysis of Household and Serological Survey Data from Yogyakarta, Indonesia Following an Epidemic of Chikungunya, Department of Veterinary Preventive Medicine (J. D. Monfort and R. D. Slemmons), 1 December 1990 through 30 June 1991. (Project 768942 - New)

\$2,500.00 - Department of the Air Force, Air Force Systems Command, Bolling Air Force Base, D.C., On the Behavior of Non-Newtonian Fluids: Analysis Computation and Experiment, Department of Mathematics (M. G. Forest), 1 April 1991 through 30 September 1991. (Project 768202 - Continuation)

**TOTAL - FEDERAL AWARDS**

**\$6,435,756.62**

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## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

#### State of Ohio Research Contracts/Grants

\$73,300.00 - State of Ohio, Department of Commerce, Columbus, Ohio, Center for Real Estate Education and Research (1991), Academic Faculty of Finance (R. L. Racster), 1 January 1991 through 31 December 1991. (Project 768775 - Continuation)

\$49,874.00 - State of Ohio, Department of Education, Worthington, Ohio, Ohio's Martin W. Essex School for the Gifted -- 1991, Education Administration (T. M. Stephens) and Department of Educational Services and Research (R. H. Swassing), 1 April 1991 through 31 March 1992. (Project 767443 - Continuation)

\$34,800.00 - State of Ohio, Department of Education, Columbus, Ohio, Home Economics Education Equity, Department of Home Economics Education (S. V. Redick), 1 July 1990 through 30 June 1991. (Project 769005 - New)

\$22,822.00 - State of Ohio, Department of Agriculture, Columbus, Ohio, Ohio (Mercer County) Pseudorabies Eradication Project, Department of Veterinary Preventive Medicine (S. Bech-Nielsen), 1 April 1991 through 30 June 1991. (Project 768913 - New)

\$14,000.00 - State of Ohio, Department of Transportation, Columbus, Ohio, Geodetic Advisor for the State of Ohio, Center for Mapping and Department of Geodetic Science and Surveying (J. D. Bossler), 1 July 1990 through 30 June 1991. (Project 768957 - Continuation)

\$6,000.00 - State of Ohio, Department of Commerce, Columbus, Ohio, Center for Real Estate Education and Research, Academic Faculty of Finance (R. L. Racster), 1 April 1991 through 31 May 1991. (Project 768970 - New)

\$3,052.00 - State of Ohio, Department of Development, Columbus, Ohio, Improved Clonal Propagation and Peeling Technology for Chestnuts, Department of Horticulture - OARDC and Department of Horticulture (D. D. Miller) and Department of Horticulture (L. Waters), 29 March 1989 through 28 March 1992. (Project 768082 - Continuation)

\$2,156.00 - State of Ohio, Department of Development, Columbus, Ohio, Improved Clonal Propagation and Peeling Technology for Chestnuts, Department of Horticulture - OARDC and Department of Horticulture (D. D. Miller) and Department of Horticulture (S. Still), 29 March 1989 through 28 March 1992. (Project 768082 - Continuation)

\$445.00 - State of Ohio, Board of Regents, Columbus, Ohio, Workshops for Teachers on Humane Care and Use of Animals, Office of University Laboratory Animal Resources (J. F. Cornhill), 20 September 1989 through 31 March 1991. (Project 767876 - Continuation)

TOTAL - STATE OF OHIO AWARDS \$ 206,449.00

#### Industrial Research Contracts/Grants

\$300,000.00 - Cargill, Incorporated, Minneapolis, Minnesota, New Carbohydrate-Based Polymers, Department of Chemistry (M. R. Callstrom), 30 April 1991 through 30 May 1992. (Project 767268 - Continuation)

\$220,899.00 - Pfizer, Inc., Groton, Connecticut, Clinical Study of CP-86,325-2-02, Department of Pharmacology (N. Gerber), 1 May 1990 through 30 April 1991. (Project 768266 - Continuation)

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## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

#### Industrial Research Contracts/Grants (contd)

\$161,973.00 - Pfizer, Inc., Groton, Connecticut, Clinical Study of CP-88,059-1, Department of Pharmacology (N. Gerber), 1 May 1990 through 30 April 1991. (Project 768268 - Continuation)

\$116,673.00 - Pfizer, Inc., Groton, Connecticut, A Phase I Multiple Dose, Double-Blind, Placebo-Controlled Study Evaluating the Safety and Pharmacokinetics of Oral CP-88,059-1 Titrated from 20 mg. to either 60 mg. B.I.D. or 80 mg. B.I.D. in Normal Male Volunteers, Department of Pharmacology (N. Gerber), 1 February 1991 through 29 February 1992. (Project 768904 - New)

\$78,070.00 - Pfizer, Inc., Groton, Connecticut, Single Dose Study of CP-86,325-2 in Normal, Healthy Male Volunteers, Department of Pharmacology (N. Gerber), 1 May 1990 through 30 April 1991. (Project 768385 - Continuation)

\$64,402.00 - American Dental Laser, Birmingham, Michigan, Evaluation of Periodontal Laser Surgery, Periodontology (J. E. Horton), 19 March 1991 through 18 March 1992. (Project 768933 - New)

\$54,000.00 - Earth Resources, Ltd., Silver Spring, Maryland, Corrosion and Drag Reduction Studies of Surfactant Additives for District Heating Systems, Department of Chemical Engineering (J. L. Zakin), 15 March 1991 through 31 July 1992. (Project 768953 - New)

\$45,011.00 - Procter & Gamble Company, Cincinnati, Ohio, The Design and Synthesis of  $\alpha$ -Adrenergic Agonists with Peripheral Activity, College of Pharmacy (D. D. Miller), 25 April 1991 through 30 April 1992. (Project 769002 - New)

\$43,750.00 - Cutter Biological, Miles, Inc., Berkeley, California, Prospective, Double-Blind, Placebo-Controlled, Randomized, Multicenter Study of the Safety and Efficacy of Murine Monoclonal Antibody to Human Tumor Necrosis Factor (TNF MAb) for the Treatment of Patients with the Sepsis Syndrome, Department of Internal Medicine (J. F. Plouffe and R. J. Fass), 1 March 1991 through 1 March 1992. (Project 768963 - New)

\$40,000.00 - G. D. Searle and Company, Skokie, Illinois, Initial Phase II Efficacy and Safety Study of SC-48334, Department of Internal Medicine (R. J. Fass), 15 November 1990 through 31 December 1991. (Project 768730 - Continuation)

\$39,744.00 - Sandoz, Inc., East Hanover, New Jersey, ZK112-119 -- Study No. C201, Department of Psychiatry (M. R. Mavissakalian), 1 October 1990 through 30 September 1991. (Project 767779 - Continuation)

\$34,736.00 - Ross Laboratories, Columbus, Ohio, Studies of Immune Characteristics in Elderly Humans, Department of Internal Medicine (R. Whisler), 1 March 1991 through 28 February 1992. (Project 768978 - New)

\$27,046.75 - Merrell Dow Pharmaceuticals, Inc., Cincinnati, Ohio, Double-Blind, Randomized, Placebo-Controlled, Parallel Group Response Study of Vigabatrin in Patients with Uncontrolled Complex Partial Seizures, Department of Neurology (M. E. Drake, Jr.), 25 March 1991 through 30 June 1993. (Project 768967 - New)

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**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Industrial Research Contracts/Grants (contd)**

\$21,344.00 - Sandoz, Inc., East Hanover, New Jersey, A Single Center, Double-Blind, Randomized Study Comparing the Safety and Efficacy of OG 37-325 Oral Solution to Sandimmune Oral Solution in Renal Allograft Recipients, Department of Surgery (R. M. Ferguson), 1 April 1991 through 31 March 1992. (Project 768998 - New)

\$20,004.00 - Lear Siegler Management Services Corporation, Oklahoma City, Oklahoma, In-House Software Support for the Graphics Processor, Department of Engineering Graphics (J. W. Duane), 4 February 1991 through 31 July 1991. (Project 768949 - New)

\$18,281.00 - Adria Laboratories, Dublin, Ohio, Test of the Absorption of Adria Magnesium Lactate Tablets, Department of Pharmacology (N. Gerber), 1 January 1991 through 31 December 1991. (Project 767547 - Continuation)

\$16,080.00 - Medical and Technical Research Associates, Inc., Needham, Massachusetts, A Comparison of Ranitidine 150 mg. B.I.D. and Placebo in the Maintenance of Healed Erosive Esophagitis, Department of Internal Medicine (F. B. Thomas), 1 November 1990 through 1 May 1991. (Project 768898 - Continuation)

\$15,000.00 - Pfizer, Inc., New York, New York, A Prospective, Randomized, Parallel Study Comparing the Effect of Amlodipine Versus Verapamil SR on Exercise Performance in Patients with Essential Hypertension, Department of Internal Medicine (R. J. Cody and A. C. Pearson), 1 April 1991 through 31 March 1993. (Project 768968 - New)

\$14,100.00 - Merck, Sharp & Dohme Research Laboratories, West Point, Pennsylvania, Open-Label, Pilot Study of the Hemodynamic Effects of Intravenous Enalaprilat Administered as an Extended Infusion to Patients with Heart Failure, Department of Internal Medicine (R. J. Cody and G. J. Haas), 1 January 1991 through 31 December 1991. (Project 768837 - Continuation)

\$10,000.00 - Baxter Healthcare Corporation, Deerfield, Illinois, Development of a Model for Evaluating Costs Associated with I.V. Drug Delivery System, College of Pharmacy (S. W. Birdwell) and Department of Industrial and Systems Engineering (C. H. Reilly), 1 January 1991 through 31 December 1991. (Project 768991 - New)

\$8,180.00 - Winthrop Pharmaceuticals, New York, New York, Randomized, Double-Blind Comparison of Omnipaque<sup>R</sup> 350 and Renografin<sup>R</sup> 76 in Adult Patients with Normal or Abnormal Renal Function and with or Without Diabetes Mellitus Undergoing Angiocardiology, Department of Internal Medicine (D. B. Van Fossen), 16 February 1991 through 30 June 1991. (Project 767428 - Continuation)

\$5,000.00 - Glaxo, Inc., Research Triangle Park, North Carolina, The Long-Term Safety Evaluation of Isradipine in the Treatment of Chronic Stable Angina, Department of Internal Medicine (D. B. Van Fossen), 1 April 1991 through 31 March 1992. (Project 768950 - New)

\$3,000.00 - Adria Laboratories, Columbus, Ohio, ADR-529 as a Cardioprotective Agent in a Phase III Randomized Trial of FAC Versus FAC Plus ADR-529 in the Treatment of Disseminated Carcinoma of the Breast, Department of Internal Medicine (B. C. Behrens), 1 April 1990 through 31 March 1992. (Project 768353 - New)

June 7, 1991 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Industrial Research Contracts/Grants (contd)**

\$2,227.00 - Applied R & D, Olmsted Falls, Ohio, Vertical Multi-Junction Photovoltaic Cell, Department of Electrical Engineering (G. J. Valco), 1 April 1991 through 30 June 1991. (Project 767802 - Continuation)

\$1,120.00 - A-COMPANY, San Diego, California, Shear Strength Analysis of Ceramic Orthodontic Brackets: Evaluation of Brackets Treated by a New Method for Chemical Coupling Between Ceramic and Composite Resin and Comparison with Existing Market-Place Brackets, Restorative and Prosthetic Dentistry (W. A. Brantley), 1 March 1991 through 30 June 1991. (Project 768946 - New)

Materials and Supplies - 3-M, St. Paul, Minnesota, An Evaluation of Four Different Methods of Cast Application to the Distal Forelimb of the Horse, Department of Veterinary Clinical Sciences (R. K. Schneider), 15 April 1991 through 15 October 1991. (Project 768973 - New) (Approximate Dollar Value - \$1,000)

**TOTAL - INDUSTRIAL AWARDS** **\$1,360,640.75**

**Other Non-Federal Research Contracts/Grants**

\$239,975.00 - Brookhaven National Laboratory, Upton, Long Island, New York, Boron-Neutron Capture Therapy of Cancer, Department of Pathology (R. F. Barth), College of Pharmacy (A. H. Soloway), Department of Mechanical Engineering (T. E. Blue), and Department of Surgery (J. H. Goodman), 1 January 1990 through 30 September 1991. (Project 768062 - Continuation)

\$130,000.00 - Electric Power Research Institute, Palo Alto, California, Investigation of the Risk Factors for Sporadically Occurring Legionnaires' Disease, Department of Internal Medicine (J. F. Plouffe), 1 October 1990 through 31 March 1992. (Project 768684 - Continuation)

\$94,158.00 - Columbus Human Services Department, Columbus, Ohio, The Columbus Neighborhood Technical Assistance Program, Department of City and Regional Planning (S. I. Gordon), 1 January 1991 through 31 December 1991. (Project 768959 - Continuation)

\$69,922.00 - University of Southern California, Los Angeles, California, Pathogenetic Mechanisms in Feline Leukemia, Department of Veterinary Pathobiology (L. E. Mathes and P. C. Stromberg), 1 January 1991 through 31 December 1991. (Project 768178 - Continuation)

\$57,868.00 - Metalworking Technology, Inc., Johnstown, Pennsylvania, Developing and Commercialization of Advanced Solid Wire or Metal Cored Consumables for Welding High Strength Steels, Department of Welding Engineering (D. G. Howden), 1 October 1990 through 30 September 1991. (Project 768649 - New)

\$50,525.00 - Purdue University, West Lafayette, Indiana, Model of X-Linked Severe Combined Immunodeficiency, Department of Veterinary Pathobiology (G. S. Krakowka), 1 April 1991 through 31 March 1992. (Project 768334 - Continuation)

\$44,000.00 - American Heart Association, Dallas, Texas, Isolated Myocytes from Failing Human Ventricle, Department of Medical Biochemistry (R. A. Altschuld), 1 July 1991 through 30 June 1992. (Project 769004 - New)

June 7, 1991 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Other Non-Federal Research Contracts/Grants (contd)**

\$42,747.00 - Miami Valley Research Institute, Dayton, Ohio, Knowledge-Based Diagnostic System for Avionics, Department of Chemical Engineering (J. F. Davis), 1 March 1991 through 30 September 1991. (Project 768952 - Continuation)

\$40,368.00 - National Multiple Sclerosis Society, New York, New York, Oral Tolerance in Experimental Autoimmune Encephalomyelitis, Department of Microbiology and Immunology (C. C. Whitacre), 1 April 1991 through 31 March 1994. (Project 768961 - New)

\$36,638.00 - Cleveland Board of Education, Cleveland, Ohio, An Evaluation Method and Context Statement for Evaluating and Planning Job Preparation Courses, Center on Education and Training for Employment (R. D. Ryan), 14 October 1990 through 30 June 1991. (Project 768956 - New)

\$34,154.00 - Muscular Dystrophy Association, Tucson, Arizona, Clinical Investigation of Duchenne Dystrophy: Azathioprine Prednisone, Department of Neurology (J. R. Mendell), 1 March 1991 through 30 June 1991. (Project 768981 - Continuation)

\$32,000.00 - The University of Rochester, Rochester, New York, Natural History of Fascioscapulothoracic Muscular Dystrophy, Department of Neurology (J. R. Mendell), 1 July 1990 through 30 June 1991. (Project 768980 - Continuation)

\$30,000.00 - American Cancer Society, Atlanta, Georgia, Clinical Oncology Career Development Award, Department of Internal Medicine (P. L. Triozzi), 1 July 1991 through 30 June 1992. (Project 768210 - Continuation)

\$20,000.00 - Battelle Memorial Institute, Columbus, Ohio, Criticality Safety Studies for Portsmouth Facility, Department of Engineering Graphics (A. W. Fentiman), 1 November 1990 through 26 May 1991. (Project 768954 - New)

\$14,910.00 - American Veterinary Medical Association Foundation, Schaumburg, Illinois, Detection of Persistent Bovine Viral Diarrhea Virus Infection Using Polymerase Chain Reaction Assay, Food Animal Health Research Program - OARDC (K. V. Brock), 1 January 1991 through 31 December 1991. (Project 768969 - New)

\$13,750.00 - American College of Obstetricians and Gynecologists, Philadelphia, Pennsylvania, Clinical Trials in Gynecologic Oncology, Department of Obstetrics and Gynecology (L. J. Copeland), 1 July 1989 through 31 March 1994. (Project 767936 - Continuation)

\$10,000.00 - Dartmouth College, Hanover, New Hampshire, GEOSAT Radar Altimetry Data Processing, Byrd Polar Research Center (K. C. Jezek), 1 December 1989 through 30 November 1991. (Project 768601 - Continuation)

\$10,000.00 - Fetzer Institute, Kalamazoo, Michigan, Perspectives in Psychoneuroimmunity, Department of Microbiology and Immunology (M. R. Glaser), 1 April 1991 through 31 October 1991. (Project 768955 - New)

\$10,000.00 - Maharishi Ayurveda Foundation, Lancaster, Massachusetts, Research on Natural Products and the Study of Effects of Sound and Light, Department of Pathology (H. M. Sharma), 15 June 1990 through 14 June 1991. (Project 768362 - Continuation)

June 7, 1991 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Other Non-Federal Research Contracts/Grants (contd)**

\$9,994.00 - American Diabetes Association, Ohio Affiliate, Inc., Worthington, Ohio, Amylin's Role in Fetal Diabetic Macrosomia, Department of Obstetrics and Gynecology (C. I. Friedman), 1 August 1990 through 31 July 1991. (Project 768976 - New)

\$8,295.00 - United Nations, Washington, D.C., International Symposium on Water Erosion and Sediment Control, Department of Agronomy - OARDC and Department of Agronomy (R. Lal), 12 April 1991 through 8 May 1991. (Project 768982 - New)

\$7,350.00 - Indiana University, Indianapolis, Indiana, Imperative to Volunteer: American Culture of Volunteerism, Lima Campus and Department of Sociology (D. S. Adams), 1 June 1991 through 31 May 1992. (Project 769003 - New)

\$6,160.00 - Children's Hospital Research Foundation, Columbus, Ohio, Childhood Imbalance: Is Otitis Media the Culprit?, Department of Otolaryngology (K. Barin), 1 January 1991 through 31 December 1991. (Project 769001 - New)

\$5,820.00 - Cancer Therapy and Research Foundation of South Texas, San Antonio, Texas, Southwest Oncology Group, Department of Pathology (R. O'Toole), 1 January 1991 through 31 December 1991. (Project 768945 - Continuation)

\$3,900.00 - University of Pennsylvania, Philadelphia, Pennsylvania, A Multicentered Case-Control Study of Risk Factors for Equine Colic, Department of Veterinary Clinical Sciences (A. L. Bertone), 1 February 1991 through 31 January 1992. (Project 768975 - New)

\$3,215.00 - Cancer Therapy and Research Foundation of South Texas, San Antonio, Texas, SWOG Study #9133, Department of Otolaryngology (D. E. Schuller), 1 January 1991 through 31 December 1991. (Project 766915 - Continuation)

\$3,000.00 - Michigan Department of Education, Lansing, Michigan, National Entrepreneurship Education Consortium, Center on Education and Training for Employment (R. D. Ryan), 1 July 1990 through 30 June 1991. (Project 768452 - Continuation)

\$2,000.00 - Dallas Community College District -- Brookhaven College, Farmers Branch, Texas, National Alliance of Community and Technical Colleges, Center on Education and Training for Employment (R. D. Ryan), 1 July 1990 through 30 June 1991. (Project 768414 - Continuation)

Personnel and Travel - Institute for Technology Development's Space Remote Sensing Center, Stennis Space Center, Mississippi, Center for Commercialization of Space Membership Agreement, Center for Mapping (J. D. Bossler), 1 July 1991 through 30 June 1992. (Project 766219 - Continuation) (Approximate Dollar Value - \$332,975)

**TOTAL - OTHER NON-FEDERAL AWARDS**

**\$1,030,749.00**

June 7, 1991 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

### ENGINEERING EXPERIMENT STATION

#### State Sponsored Research and Development

\$184,142.00 - from the Ohio Department of Transportation for "Rural Technology Transfer Center, 1991," under the direction of the Department of Civil Engineering for the period January 1, 1991 through December 31, 1991. (529883)

\$144,646.00 - from the Ohio Coal Development Office for "Sulfur Release from Ohio Coals & Sorbent Kinetics in Pulverized Coal Flames," under the direction of the department of Mechanical Engineering for the period October 1, 1988 through October 1, 1991 (529780)

\$3,756.00 - from the Ohio Department of Transportation for "Summer Orientation Course," under the direction of the Department of Civil Engineering for the period April 1, 1991 through June 30, 1991. (529882)

TOTAL - STATE SPONSORED RESEARCH AND DEVELOPMENT \$332,544.00

#### Industry and Other Sponsored Research and Development

\$69,146.00 - in funding from US Steel of Pittsburgh, PA. for "Evaluation of Continuous Caster Rolls," under the direction of Welding Engineering and the Department of Agricultural Engineering for the period March 1, 1991 through February 28, 1992. (529885)

\$60,733.00 - additional funding from the Institute of Computational Fluid Dynamics of Tokyo, Japan for "Research on Refinement and Development of Computational Fluid Dynamics," for the period April 1, 1989 through March 31, 1992 under the direction of the Department of Mechanical Engineering. (529795, Ext. 2)

\$56,837.00 - from Arbor Research Corporation, Inc., Ann Arbor, Michigan for "A Proposal to Develop a Process to Split 99.7% Oxygen from Air," under the direction of the Department of Chemical Engineering, for the period April 1, 1991 through March 31, 1992. (529886)

\$45,000.00 - additional funding from McDonnell Douglas of St. Louis, MO for "Functional Reasoning," under the direction of the Department of Computer and Information Science," for the period September 1, 1988 through March 31, 1992. (529782, Ext. 1)

\$40,000.00 - in additional funding from Micro Craft of Tullahoma, TN for "Aircraft Model Wind Tunnel Test," for the period February 1, 1991 through June 30, 1991 under the direction of the Aeronautical and Astronautical Laboratory. (312563, Ext. 1)

\$24,515.00 - additional funding from Mobile Research and Development Corporation of Princeton, NJ for "Catcracker: An Expert System Framework for Diagnosis in Fluid Catalytic Cracking Units," for the period October 15, 1988 through December 30, 1991 under the direction of the Department of Chemical Engineering. (312484, Ext. 3)

\$20,000.00 - funding from Ryobi North America, Inc. of Chicago, IL and Central Foundry Division of General Motors Corporation for membership in the Engineering Research Center. (029200)

\$11,466.00 - funding from AGA Gas, Inc. of Cleveland, OH for "Effect of Mison Gas on the Mechanical Properties and Composition of Weld Metals," under the direction of Welding Engineering for the period April 1, 1991 through June 30, 1991. (312570)

June 7, 1991 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**ENGINEERING EXPERIMENT STATION (contd)**

**Industry and Other Sponsored Research and Development (contd)**

\$8,000.00 - from IAP Research of Dayton, OH for "Thin Film High Temperature YBA2 CU3 O7-x for Application in a Superconducting Vector Switch," under the direction of the Department of Electrical Engineering, for the period April 1, 1991 through June 30, 1991. (529881)

\$7,500.00 - additional funding from International Copper Assoc., Ltd. of New York, NY for "Thermal Characteristics of Copper Alloy Tooling in Injection Molding," under the direction of both Mechanical and Chemical Engineering Departments for the period January 1, 1991 through December 31, 1991. (529870, Ext. 1)

\$7,000.00 - from Shell Development Company of Houston, TX for "Specimen Preparation/Hydrogen Attack," under the direction of Materials Science and Engineering for the period March 1, 1991 through May 31, 1991. (312569)

\$6,475.00 - from 4 sponsors of 6 development projects in the Department of Chemical Engineering.

\$6,200.00 - additional funding from General Electric of Cincinnati, OH for "One Twelfth Scale Ejector Powered Simulator for the GE 90 Engine," under the direction of the Aeronautical and Astronautical Laboratory for the period November 15, 1989 through June 30, 1991. (312524, Ext. 4)

\$5,000.00 - additional funding from Edison Materials Technology Center of Kettering, OH for "Fractography Atlas for Cast Aluminum and Ferrous Components," under the direction of Materials Science and Engineering for the period October 1, 1988 through October 1, 1991. (312483, Ext. 2)

(\$28,000.00) - reduction in funding from the Edison Welding Institute of Columbus, OH on 11 projects in various departments in the College of Engineering.

**TOTAL - INDUSTRY AND OTHER SPONSORED RESEARCH** **\$339,872.00**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND**

**Establishment of Named Funds**

**The Hazel Hensel Memorial Distinguished/  
Medalist/University Scholarship Fund**

The Hazel Hensel Memorial Distinguished/Medalist/University Scholarship Fund was established June 7, 1991, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from the estate of Hazel Hensel, Canton, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

June 7, 1991 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Establishment of Named Funds (contd)**

**The Hazel Hensel Memorial Distinguished/  
Medalist/University Scholarship Fund (contd)**

The annual income shall be used to provide one or more undergraduate merit scholarships for Distinguished Scholars, Medalist Scholars, and/or University Scholars. This merit scholarship initiative is the result of recommendations from the 1990 University Task Force on Undergraduate Recruitment and the 1990-1991 Undergraduate Recruitment Implementation Steering Committee to the Senior Vice President for Academic Affairs and Provost. Students shall be selected based upon the criteria sanctioned by the Senior Vice President for Academic Affairs and Provost and administered by the University Honors Center in consultation with the University Committee on Student Financial Aid.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

**The Le Evelyn and Robert C. Kintner  
Chemical Engineering Fund**

The Le Evelyn and Robert C. Kintner Chemical Engineering Fund was established June 7, 1991, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from the estate of Le Evelyn Kintner, widow of Robert C. Kintner (B.Ch.E. '23; M.S., Chemical Engineering, '29; Ph.D., Chemical Engineering, '31).

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to encourage and to support outstanding research by the faculty of the Department of Chemical Engineering. The chairperson of the Department of Chemical Engineering will have sole authority to authorize expenditures from the income, as approved by the Dean of the College of Engineering. Any unused annual income from the fund shall be returned to principal.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

June 7, 1991 meeting, Board of Trustees

## **REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

### **THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

#### **Establishment of Named Funds (contd)**

##### **The Jack C. and Charlotte D. Smith Scholarship Fund**

The Jack C. and Charlotte D. Smith Scholarship Fund was established June 7, 1991, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from Charlotte D. Smith, in memory of Jack C. Smith (B.S.E.P. '35; M.S., Physics, '36) of Chevy Chase, Maryland.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide merit scholarships in the Department of Physics. Awards shall be made on a competitive basis and candidates will be evaluated by a Department of Physics review board within the College of Mathematical and Physical Sciences. Award recipients shall be selected in consultation with the University Committee on Student Financial Aid.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

##### **The Yocum Family Scholarship Fund**

The Yocum Family Scholarship Fund was established June 7, 1991, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from the estates of James C. Yocum (B.S.Bus.Adm. '30; M.A., Business Administration, '32) and Ruthe C. Yocum, of Columbus, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide one or more scholarship awards(s) to students entering or attending The Ohio State University, including its regional campuses and technical institute, from Washington High School, Massillon, Ohio. Selection of the award recipients shall be made by the University Committee on Student Financial Aid at The Ohio State University in conjunction with Washington High School. All freshman awards shall be based upon ability and potential as evidenced by either performance on proficiency tests or class rank and high school grade point average. Awards may be renewed based upon satisfactory academic progress.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donors.

June 7, 1991 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

#### Establishment of Named Funds (contd)

##### The Francis B. McCormick Professorship Fund

The Francis B. McCormick Professorship Fund was established June 7, 1991, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from the estate of Francis B. McCormick (B.S.Agr. '39; M.S., Agricultural Economics, '47; Ph.D., Agricultural Economics, '53), former associate chairman, Department of Agricultural Economics and Rural Sociology.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be reinvested in the principal until the principal reaches \$250,000. At that time, the Francis B. McCormick Professorship in Agricultural Marketing and Policy will be established. The annual income thereafter shall be used to support a distinguished professor in agricultural marketing and policy.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donors.

##### The Starling Ohio Women's Club Scholarship Fund

The Starling Ohio Women's Club Scholarship Fund was established June 7, 1991, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from Starling Ohio Women's Club Loan Fund and the Starling Ohio Women's Club.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide scholarships to be divided equally between students in the Colleges of Dentistry and Medicine. The income shall be used in the following manner between the Colleges of Dentistry and Medicine: Those students who are ranked in the upper twenty percent (20%) of their class, who are Ohio residents, and who exhibit some degree of financial need are eligible. Any unused income should be returned to the principal at the end of each year in order to promote the growth of this endowment. Selection of the award recipients shall be made by the Colleges of Dentistry and Medicine in consultation with the University Committee on Student Financial Aid.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donors.

June 7, 1991 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Establishment of Named Funds (contd)**

**The George N. Motts Memorial  
University Scholarship Fund**

The George N. Motts Memorial University Scholarship Fund was established June 7, 1991, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from the estate of George N. Motts (B.S.Agr. '27) of East Lansing, Michigan.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide one or more undergraduate merit scholarships for George N. Motts University Scholars. This merit scholarship initiative is the result of recommendations from the 1990 University Task Force on Undergraduate Recruitment and the 1990-1991 Undergraduate Recruitment Implementation Steering Committee to the Senior Vice President for Academic Affairs and Provost. Students shall be selected based upon the criteria sanctioned by the Senior Vice President for Academic Affairs and Provost and administered by the University Honors Center in consultation with the University Committee on Student Financial Aid.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson or program administrative officer in order to carry out the desire of the donor.

**The Louis P. Benua Memorial Scholarship Fund in Engineering**

The Louis P. Benua Memorial Scholarship Fund in Engineering was established June 7, 1991, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from friends and family of Louis P. Benua of Columbus, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The fund is designed to commemorate the life and career of Louis P. Benua. The annual income shall be used to encourage academically superior students to pursue careers in manufacturing. Scholarships shall be awarded to one or more Industrial and Systems Engineering students with preference extended to graduates from any high school in Franklin County (Ohio). Louis P. Benua Scholars will be named annually, but may be eligible to compete for renewed awards. Selection will be made by the Chairperson of the Department of Industrial and Systems Engineering in consultation with the University Committee on Student Financial Aid.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donors.

June 7, 1991 meeting, Board of Trustees

## **REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

### **THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

#### **Establishment of Named Funds (contd)**

##### **The Robert J. Watkins Scholarship Fund**

The Robert J. Watkins Scholarship Fund was established June 7, 1991, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from the family, friends, and colleagues of Robert J. Watkins (B.A., Arts and Sciences, '51; J.D., Law, '53) of Cincinnati, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide financial assistance to one or more students with demonstrated financial need who are enrolled in the College of Law, with first preference being given to law students who graduated from a high school located in Hamilton County in the State of Ohio. The award recipient(s) shall be chosen by the Dean of the College of Law, or his/her designee, in consultation with the University Committee on Student Financial Aid.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donors.

##### **The William J. Brakel Endowed Scholarship Fund in Dairy Science**

The William J. Brakel Endowed Scholarship Fund in Dairy Science was established June 7, 1991, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from faculty, staff, colleagues, former students and friends of Dr. Brakel (M.S., Animal Science, '41; Ph.D., Biological Sciences, '54; and Professor Emeritus of Dairy Science).

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to support one or more scholarship awards to outstanding Dairy Science students each year. Recipients shall be selected by the Department of Dairy Science Scholarship Committee in consultation with the University Committee on Student Financial Aid. Expenditure of all funds shall have the approval of the chairperson of the Department of Dairy Science.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donors.

June 7, 1991 meeting, Board of Trustees

## **REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

### **THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

#### **Establishment of Named Funds (contd)**

##### **The Thomas A. Wilson Research and Education Program Fund in Agricultural Economics**

The Thomas A. Wilson Research and Education Program Fund in Agricultural Economics was established June 7, 1991, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from dairy organizations in Ohio and from the many friends of the late Thomas A. Wilson (B.S. Dairy Tech. '55; M.S., Agricultural Economics, '57).

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to support key academic activities in the Department of Agricultural Economics and Rural Sociology, including seminar and workshop programs, visiting academicians, professional projects of graduate and undergraduate student groups, and student and faculty recruitment. In instances where a fund allocation decision must be made, preference should be given to activities that are dairy related. Final approval shall be determined by the chairperson of the Department of Agricultural Economics and Rural Sociology.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donors.

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## **HOSPITALS BOARD COMMITTEE REPORT**

Mr. Celeste:

Mr. Barone and I were given an early and most appreciated introduction to the Hospitals Board activity when we attended two committee meetings. First, the Administrative/Operations Committee met in a special session on May 16 for an indepth review of University Hospitals' proposed 1991-92 operating budget and capital budget. After detailed review, the Committee voted unanimously to endorse the budgets and recommend their approval by the full Hospitals Board.

Also on May 16, the Strategic Planning Committee met. Dr. Kathryn Clausen updated the Committee on the College of Medicine's strategic planning activities, and Mr. Richard Schrock discussed development of the Hospitals' Strategic Financial Plan. Ms. Cathy Bruno presented a very thorough analysis of the Neuroscience program with regard to market position, teaching and research. The next steps in determining the Neuroscience strategy will be to analyze the program's competitive position, outpatient data, teaching and research components, and cost and profitability. Mr. Fraley reported on five specific areas in which University Hospitals is responding to community needs.

## HOSPITALS BOARD COMMITTEE REPORT (contd)

Mr. Celeste: (contd)

The full Hospitals Board met on May 30 in a very productive session. Following the committee reports, Dr. Smead discussed medical staff issues and reported the results of the medical staff election of officers. Dr. Tzagournis informed Board members about several special reviews which will come forward to the Board through the Professional Affairs/Education/Research Committee. Dr. Seth Kantor discussed educational activities in the Hospitals, highlighting the MEDPATH program, which had earlier been presented to a committee here of our Board, designed to strengthen academic background and skills for non-science majors, students needing special preparation, or older students seeking a medical education. One of the aims of the program is to increase the number of under-represented minority group members accepted into medical school.

Mr. Fraley reported that combined patient activity in University Hospitals and the Cancer Hospital was very favorable in the month of April. University Hospitals' average length of stay was 6.4 days, the lowest in recent memory. Days in accounts receivable were reduced to 93, versus 100 days at the end of the last fiscal year and a target of 90 for this year.

The Board reviewed the proposed operating budget and capital budget in detail, and voted unanimously to approve both budgets as recommended by the Administrative/Operations Committee. As chairman of the Nominating Committee, Mr. Teaford recommended the appointments and reappointments to the Board that will be presented later in our meeting today. Nominations will be sought for one remaining vacancy and another to open after June, when Ms. Dolores Wilkes leaves Ohio to accept a career opportunity in Idaho. Ms. Susan Insley and Mr. Jack Havens were nominated and unanimously elected as Chair and Vice Chair of the Board, respectively.

That concludes my report, Mr. Chairman.

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## CANCER HOSPITAL REPORT

Mr. Barone:

Mr. Chairman, as of April 30, 1991, the year-to-date statistics for the Cancer Hospital showed admissions of 2,520, compared to a budget of 2,364. The average daily census year-to-date has been 67.7 patients, at an average length of stay of 8 days. Cash receipts year-to-date have improved and currently are running \$15,009,000 against a budget of \$18,943,000. Statistics over the past few months continue to improve and indicate a positive trend in operations. In April, total patient revenue was \$5.5 million, compared to a budget of \$3.8 million, and the actual net income (loss) was \$341,000.00 compared to a budgeted \$558,000.00 (loss). Additionally, the average daily census was 85.2 against a budget of 77.4.

**CANCER HOSPITAL REPORT (contd)**

Mr. Barone: (contd)

Over the past few months, the James Cancer Hospital has continued to make progress on both the strategic and financial five-year plans and should conclude that process no later than October 9, 1991. The 1991 fiscal year budget planning process is complete and the budget package is now ready for presentation to the Board of Trustees. The Cancer Hospital will show a rate increase approximately equal to that of University Hospitals. The originally projected loss for the second operational year of approximately \$3.8 million is anticipated in this budget.

Along with that I present to you, Mr. Chairman, and the Secretary of the Board of Trustees, a Consolidated Statement of Revenue and Expense and if the Board Members wish to examine them, I have them on file here.

That completes my report, Mr. Chairman.

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**ACADEMIC AFFAIRS COMMITTEE REPORT**

Ms. Casto:

The Academic Affairs Committee heard a report today from Associate Provost Boyne on the 1991-92 University-wide Promotion and Tenure recommendations. This year colleges recommended to the Provost tenure/promotion for 170 members. A complete dossier was presented for each of these individuals for a review that has been completed by the Provost's Promotion and Tenure Advisory Committee on 167 cases. The Committee recommended favorably on 144 or 86 percent of these cases. The Provost, following further consultation with Deans, recommended that 150 or 90 percent be approved and these recommendations now have been forwarded to the Board of Trustees with the concurrence of President Gee.

The Promotion and Tenure recommendations that come to the Provost have already gone through careful assessment at both the departmental and college level. Every dossier that was fully developed must be reviewed at a minimum of two levels. A total of 209 cases were fully developed for review at the lowest academic level. This means that this year 150 cases recommended for approval to the Board of Trustees represents favorable action on 71.7 percent of all cases that were fully developed.

We wanted to discuss recruiting, but we ran out of time. So we have postponed the process of recruiting until the next meeting or another time.

In addition, the Committee is recommending to the Board of Trustees the following resolutions:

**AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY**

Resolution No. 91-130

Synopsis: The Academic Affairs Committee recommended the approval of amendments to the Rules of the University Faculty.

June 7, 1991 meeting, Board of Trustees

**AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)**

WHEREAS the University Senate pursuant to rule 3335-1-09 of the Administrative Code is authorized to recommend through the President to the Board of Trustees the adoption of amendments to the Rules of the University Faculty as approved by the University Senate; and

WHEREAS the proposed changes in the Rules of the University Faculty were approved by the University Senate on May 4, 1991, as follows:

**3335-5-29 Membership.**

The regular members of the graduate faculty shall consist of those members of the university faculty who are approved by the policy and standards committee of the council on research and graduate studies. Ex officio members of the graduate faculty are the senior vice president for academic affairs and provost, the vice president for research, the dean of the graduate school, the deans of the colleges, and the director of libraries.

**3335-5-30 Powers and functions.**

The graduate faculty shall have the following general powers and functions:

- (A) To elect all voting faculty members of the council on research and graduate studies in the manner prescribed by rule 3335-5-34 of the Administrative Code.
- (B) To initiate and to act upon any question affecting the policies of the graduate school or to request consideration and action by the council on research and graduate studies.
- (C) To approve, modify, or reverse any action of the council on research and graduate studies.
- (D) To receive the annual report of the dean of the graduate school and such other reports as the dean shall submit.
- (E) To perform the functions approved by the council on research and graduate studies.

**3335-5-32 Council on research and graduate studies.**

There shall be established a council on research and graduate studies (also called research and graduate council) with the following powers and subject to the following limitations in rules 3335-5-33 to 3335-5-36 of the Administrative Code.

**3335-5-33 Membership.**

There shall be a council on research and graduate studies constituted as follows:

- (A) Chief administrative officer. The senior vice president for academic affairs and provost shall serve as the chief administrative officer.
- (B) through (F) unchanged.
- (G) The vice president for research is an ex officio member of the council.
- (H) The chairperson of the research committee is an ex officio member of the council if not already a member.

**AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)**

3335-5-34 Election of faculty members.

(A) Unchanged.

- (B) Elections shall be administered and supervised by a council on research and graduate studies elections committee which shall be composed each year of the ten area members then retiring. This committee shall have power to make final rules on all matters not specifically covered by these rules. Elections shall be held in the spring quarter of each year for terms beginning with the following autumn quarter.

There shall be a council nominating committee in each area. The chairperson shall be the retiring member of the council representing that area. Members shall be the continuing members representing that area and the chairperson of the graduate studies committee for each graduate program in that area. In the absence of a graduate studies committee, the department chairperson or designee shall serve. The committee shall make a minimum of four nominations, including nominations received by petition from any six or more members of the graduate faculty of the area concerned. The elections committee shall prepare and mail the election ballot to each member of the graduate faculty. The election ballots shall be counted by that committee. The person or persons receiving the highest number of votes shall be elected to the vacancy or vacancies existing at the time of election. The person receiving the next highest number of votes shall be an alternate member for a term of two years.

3335-5-35 Powers and functions.

The council on research and graduate studies shall be the principal legislative body of the graduate school and, subject to modification or reversal by the graduate faculty, shall have the following powers and functions:

(A) through (D) unchanged.

- (E) To encourage and stimulate scholarly research and creative activity and foster the close relationship between graduate education and scholarly research.

- (F) To make recommendations about establishing, affiliating, and abolishing academic centers and other comparable organizations that are engaged in research or graduate education and make recommendations for determining the membership and authorities of their boards or governing bodies.

(G) and (H) unchanged.

- (I) To nominate members to the board of the Ohio state university research foundation.

3335-5-36 Committees.

- (A) There shall be five standing committees: executive, curriculum, policy and standards, research, and graduate associate and fellowship. The dean of the graduate school will serve as chairperson of the executive committee. The other committees will be chaired by a faculty member of the committee.

**AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)**

- (B) The executive committee shall consist of the chairpersons of the other four standing committees, the president of the council of graduate students and the dean of the graduate school. The curriculum, graduate associate and fellowship, policy and standards, and research committees shall each consist of ten faculty members of the council on research and graduate studies, one from each graduate area, and three graduate students, all of whom are members of the council. The research committee shall also include:
- (1) Six regular faculty elected by the faculty council. Of these six, one member must serve on a regional campus and no more than one member may be from any individual college.
  - (2) One research scientist or comparable staff member engaged in research appointed by the vice president for research and ratified by the steering committee. The term of service is one year and the member may be reappointed for a maximum of three years.
  - (3) One postdoctoral scholar appointed by the dean of the graduate school and ratified by the steering committee. The term of service is one year and the member may be reappointed for a maximum of three years.
  - (4) One professional student appointed by the inter-professional council.
  - (5) One undergraduate student appointed by the undergraduate student government.
  - (6) Three administrators, ex officio, non-voting.
    - (a) The vice president for research.
    - (b) The dean of the graduate school.
    - (c) The executive director of the Ohio state research foundation.
- (C) Specific responsibilities, in addition to those assigned by the council on research and graduate studies, the vice president for research, the dean of the graduate school, and in case of the research committee the university senate (see 3335-5-4814), are as follows:
- (1) The curriculum committee considers and acts on courses carrying graduate credit and considers and recommends to the council action on graduate degree programs.
  - (2) The executive committee monitors graduate council and committee activities, determines the agenda for the council, assigns issues for consideration by the other standing committees, serves as a coordinating body for council activities, and acts in the interim when council is not in session and action is required.
  - (3) The policy and standards committee considers and recommends to the council policies and rules related to graduate education and acts on graduate faculty nominations and student petitions.

**AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)**

- (4) The research committee, also a standing committee of the university senate, considers and recommends to the council, and where appropriate to the university senate, policies and rules related to research, and serves as an advisory committee to the vice president for research. The committee reviews current policies, initiates recommendations for change, and reviews proposed changes in practices and policies governing the conduct of research and scholarly activity including, but not limited to, policies required by the federal government, internal policies related to grants and contracts administration, policies related to the allocation of internal funds to research activities, and policies related to academic centers that are engaged in research. Recommendations will be forwarded to appropriate persons, offices, or bodies.
- (5) The graduate associate and fellowship committee considers and recommends to the council policies and rules related to graduate associates and fellows.

3335-5-4814 Research committee.

(A) Membership.

The research committee shall consist of twenty-six members.

- (1) Sixteen faculty.
  - (a) Ten regular faculty to be determined by the established procedures of the council on research and graduate studies. Faculty must be members of the council on research and graduate studies and represent the ten areas of the graduate school. The term of service is two years.
  - (b) Six regular faculty elected by the faculty council. Of these six, one member must serve on a regional campus and no more than one member may be from any individual college. The term of service is three years.
- (2) One research scientist, or comparable staff member engaged in research, appointed by the vice president for research and ratified by the steering committee. The term of service is one year and the member may be reappointed for a maximum of three years.
- (3) One postdoctoral scholar appointed by the dean of the graduate school and ratified by the steering committee. The term of service is one year and the member may be reappointed for a maximum of three years.
- (4) Five students.
  - (a) Three graduate students appointed by the council of graduate students. The term of service is one year.
  - (b) One professional student appointed by the inter-professional council. The term of service is one year.
  - (c) One undergraduate student appointed by the undergraduate student government. The term of service is one year.

**AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)**

- (5) Three administrators, ex officio, non-voting.
  - (a) The vice president for research.
  - (b) The dean of the graduate school.
  - (c) The executive director of the Ohio state research foundation.

**(B) Duties and responsibilities.**

- (1) Encourage and stimulate scholarly research and creative activity and foster a close relationship between education and scholarly research.
- (2) Review current policies, initiate recommendations for change, and review proposed changes in practices and policies governing the conduct of research and scholarly activity including, but not limited to, policies required by the federal government, internal policies related to grants and contracts administration, policies related to the allocation of internal funds to research activities, and policies related to academic centers that are engaged in research. Recommendations will be forwarded to appropriate persons, offices, and/or bodies.
- (3) Serve as an advisory committee to the vice president for research.
- (4) Make recommendations to the council on research and graduate studies about establishing, affiliating, or abolishing academic centers and other comparable organizations that are engaged in research and make recommendations for determining the membership or authorities of their boards or governing bodies.

**(C) Organization.**

- (1) The committee shall serve as the research committee of the university senate and the council on research and graduate studies and shall report to both bodies. Recommendations requiring formal action will be submitted to the university senate and/or the council on research and graduate studies, as appropriate.
- (2) The chairperson shall be elected each year by the committee from among its faculty members. The chair will be an ex officio member of the council on research and graduate studies if not already a member, and shall serve on the executive committee of the research and graduate council.
- (3) As a standing committee of the council on research and graduate studies, this committee is also governed by the provisions of rules 3335-5-35 and 3335-5-36 of the Administrative Code.
- (4) As a standing committee of the senate, this committee is also governed by the provisions of rules 3335-5-46 and 3335-5-48 of the Administrative Code.

June 7, 1991 meeting, Board of Trustees

**AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)**

NOW THEREFORE

BE IT RESOLVED, That the foregoing amendments to the Rules of the University Faculty be adopted as recommended by the University Senate.

Upon motion of Ms. Casto, seconded by Mr. Kessler, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**UNIVERSITY HOSPITALS BOARD APPOINTMENTS/REAPPOINTMENTS**

Resolution No. 91-131

Synopsis: The Academic Affairs Committee recommended approval of appointments/reappointments of four Hospitals Board members.

WHEREAS the Board of Trustees on November 30, 1979, approved the establishment of a University Hospitals Board; and

WHEREAS the membership of the Hospitals Board was approved on April 4, 1980, and has been subsequently amended; and

WHEREAS the terms of four of the members selected from the general public have expired:

NOW THEREFORE

BE IT RESOLVED, That the following general public members be appointed/reappointed to the University Hospitals Board, effective as noted:

Appointments

David Lauer - May 1, 1991, through April 30, 1994

Donald Day - May 1, 1991, through April 30, 1994

Reappointments

Judy Barker - July 1, 1991, through June 30, 1994 (second three-year term)

William M. Bennett - July 1, 1991, through June 30, 1994 (second three-year term)

Upon motion of Mr. Barone, seconded by Mr. Shumate, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

Mr. Teaford:

I would just like to call attention to who these people are: David Lauer is the managing partner of Deloitte & Touche; Donald Day is the Secretary/Treasurer of the AFL-CIO of Ohio; those are the two new appointments. Judy Barker is in charge of the foundation programs of the Borden, Corporation; and William Bennett is President of Banc One. These people really provide marvelous service to this University and we are very fortunate to have them. I might also say, as the person who asked them, they are delighted to serve this University.

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**PERSONNEL ACTIONS**

Resolution No. 91-132

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the May 3, 1991 meeting of the Board, including the following Appointments, Appointment of Chairpersons of Departments and Division and Director of School, Reappointment of Chairpersons of Departments and Directors of Center, Institute, and School, Leaves of Absence Without Salary, Leaves of Absence Without Salary--Change in Dates, Professional Improvement Leaves--Cancellation, Professional Improvement Leave--Change in Dates, Promotions/Tenure, Emeritus Titles, and Medical Staff Appointments (The Arthur G. James Cancer Hospital and Research Institute) as detailed in the University Budget be approved.

Appointments

Name: HENRY W. FIELDS, JR.  
Title: Dean and Professor  
College: Dentistry  
Effective: September 1, 1991  
Salary: \$120,000.00  
Present Position: Assistant Dean for Academic Affairs, School of Dentistry, University of North Carolina at Chapel Hill

Name: VIOLET I. MEEK  
Title: Acting Dean/Director  
Regional Campus: Lima  
Effective: May 15, 1991  
Salary: \$80,040.00  
Present Position: Sponsored Program Development Officer 3, Research Foundation

Appointment of Chairpersons of Departments and Division and Director of School

July 1, 1991 through September 30, 1995

School of Journalism Pamela J. Shoemaker

October 1, 1991 through September 30, 1995

Division of Comparative Studies  
in the Humanities Sabra J. Webber  
French and Italian Charles G. S. Williams  
German Mark W. Roche

Reappointment of Chairpersons of Departments and Directors of Center, Institute, and School

July 1, 1991 through December 31, 1991

Agricultural Technical Institute Dan D. Garrison  
School of Music Donald Harris\*

June 7, 1991 meeting, Board of Trustees

### PERSONNEL ACTIONS (contd)

#### Reappointment of Chairpersons of Departments and Directors of Center, Institute, and School (contd)

July 1, 1991 through June 30, 1995

Agricultural Engineering	Robert J. Gustafson
Art Education	Michael J. Parsons
Center for Teaching Excellence	Anne S. Pruitt
Dance	Vera J. Blaine
Obstetrics and Gynecology	Steven G. Gabbe
Surgery	Olga Jonasson

October 1, 1991 through September 30, 1993

Linguistics	Brian D. Joseph
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October 1, 1991 through September 30, 1995

English	Morris Beja
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\*Acting Director

#### Leaves of Absence Without Salary

JENNIFER L. ROJKO, Associate Professor, Department of Veterinary Pathobiology, effective June 1, 1991, through December 31, 1991, for personal reasons.

RAKESH V. VOHRA, Assistant Professor, Academic Faculty of Management Sciences, effective Spring Quarter 1991, to accept an invitation from the graduate school of business at the University of Chicago.

THOMAS A. SHOCKEY, Assistant Professor, Cooperative Extension Service, effective May 20, 1991, through May 19, 1992, for personal reasons.

#### Leaves of Absence Without Salary--Change in Dates

ERNEST L. MAZZAFERRI, Chairperson and Professor, Department of Internal Medicine, change leave from December 8, 1990, through April 15, 1991, to December 8, 1990, through April 24, 1991.

MARTIN LUBOW, Associate Professor, Department of Ophthalmology, change leave from December 6, 1990, through June 3, 1991, to December 6, 1990, through April 24, 1991.

#### Professional Improvement Leaves--Cancellation

JOSEPH HAVLICEK, JR., Professor, Department of Agricultural Economics and Rural Sociology, effective July 1, 1991, through June 30, 1992.

SUSAN L. HUNTINGTON, Professor, Department of History of Art, effective Autumn Quarter 1991, Winter Quarter and Spring Quarter 1992.

(JASON) TIN-LUN HO, Associate Professor, Department of Physics, effective Autumn Quarter 1991, Winter Quarter and Spring Quarter 1992.

June 7, 1991 meeting, Board of Trustees

## **PERSONNEL ACTIONS (contd)**

### Professional Improvement Leaves--Cancellation (contd)

ICHIKO T. MORITA, Associate Professor, University Libraries, effective May 1, 1991, through July 31, 1991.

### Professional Improvement Leave--Change in Dates

DIANE W. BIRCKBICHLER, Associate Professor, Department of French and Italian, change leave from Autumn Quarter 1991, Winter Quarter and Spring Quarter 1992, to Autumn Quarter 1991 and Winter Quarter 1992.

### Promotions and Tenure

## **COLLEGE OF AGRICULTURE**

### PROMOTION TO PROFESSOR

Rosanne W. Fortner, Natural Resources, Approved - 7/1/91  
Laurence V. Madden, Plant Pathology, Approved - 7/1/91  
Sudhir K. Sastry, Agricultural Engineering, Approved - 7/1/91

### PROMOTION TO ASSOCIATE PROFESSOR

Carl R. Zulauf, Agricultural Economics and Rural Sociology, Approved - 7/1/91

### PROMOTION TO ADJUNCT ASSOCIATE PROFESSOR

Tara T. Van Toai, Agronomy, Approved - 7/1/91

### PROMOTION TO ASSOCIATE PROFESSOR with TENURE

Michael L. Day, Animal Science, Approved - 7/1/91  
Linda M. Lobao, Agricultural Economics and Rural Sociology, Approved - 10/1/91  
Stephen T. Nameth, Plant Pathology, Approved - 7/1/91  
Karen M. Mancl, Agricultural Engineering, Approved - 7/1/91  
Edward L. McCoy, Agronomy, Approved - 7/1/91  
Joseph S. Ottobre, Dairy Science, Approved - 7/1/91  
Walter T. Rhodus, Horticulture, Approved - 7/1/91  
Samuel J. Traina, Agronomy, Approved - 7/1/91

### TENURE

Thomas L. Bean, Agricultural Engineering, Approved - 9/18/91  
Peter R. Thomison, Agronomy, Approved - 4/12/91

June 7, 1991 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

Promotions and Tenure (contd)

**COOPERATIVE EXTENSION SERVICE**

PROMOTION TO PROFESSOR

Keith L. Smith, Approved - 7/1/91

PROMOTION TO ASSOCIATE PROFESSOR

Kathryn K. Chenoweth, Approved - 7/1/91

Garry E. Gibbons, Approved - 7/1/91

Randall E. James, Approved - 7/1/91

PROMOTION TO ASSISTANT PROFESSOR

S. Christopher Anderson, Approved - 7/1/91

Jeffrey E. King, Approved - 7/1/91

Carolyn C. Wilson, Approved - 7/1/91

PROMOTION TO ASSISTANT PROFESSOR and TENURE

Linnette M. Goard, Approved - 7/1/91 & 1/6/92

William T. Grunkemeyer, Approved - 7/1/91 & 1/2/92

Barbara L. Phares, Approved - 7/1/91

TENURE

Terry L. Beck, Approved - 3/31/92

Donald J. Breece, Approved - 5/13/91

Neal V. Leimbach, Approved - 5/6/91

Dona J. Schaffner, Approved - 4/15/91

Howard J. Siegrist, Approved - 3/10/92

Judith A. Villard, Approved - 9/4/91

Merlin A. Wentworth, Approved - 1/1/92

**COLLEGE OF THE ARTS**

PROMOTION TO PROFESSOR

Howard G. Crane, History of Art, Approved - 10/1/91

Barbara D. Groseclose, History of Art, Approved - 10/1/91

James Morganstern, History of Art, Approved - 10/1/91

PROMOTION TO ASSOCIATE PROFESSOR

Dianne L. Almendinger, Art, Mansfield, Approved - 10/1/91

June 7, 1991 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

Promotions and Tenure (contd)

**COLLEGE OF THE ARTS (contd)**

PROMOTION TO ASSOCIATE PROFESSOR with TENURE

Lora L. Gingerich, School of Music, Approved - 10/1/91  
Katherine B. Jones, School of Music, Approved - 10/1/91  
Joy H. Reilly, Theatre, Approved - 10/1/91

TENURE

Robert H. Sorton, School of Music, Approved - 10/1/91

**COLLEGE OF BIOLOGICAL SCIENCES**

PROMOTION TO PROFESSOR

Donald H. Dean, Biochemistry, Approved - 10/1/91

PROMOTION TO ASSOCIATE PROFESSOR with TENURE

David M. Bisaro, Molecular Genetics, Approved - 10/1/91  
Charles J. Daniels, Microbiology, Approved - 10/1/91  
William M. Masters, Zoology, Approved - 10/1/91  
Richard T. Sayre, Plant Biology, Approved - 10/1/91  
David L. Stetson, Zoology, Approved - 10/1/91

TENURE

Dana L. Wrensch, Entomology, Approved - 10/1/91

**COLLEGE OF BUSINESS**

PROMOTION TO PROFESSOR

Robert W. Backoff, Public Policy and Management, Approved - 10/1/91  
W. C. Benton, Management Sciences, Approved - 10/1/91  
Robert E. Burnkrant, Marketing, Approved - 10/1/91  
Hasan Pirkul, Accounting and MIS, Approved - 10/1/91  
Marcus H. Sandver, Management and Human Resources, Approved - 10/1/91

PROMOTION TO ASSOCIATE PROFESSOR with TENURE

Ka-Keung C. Chan, Finance, Approved - 10/1/91  
Eric E. Spires, Accounting and MIS, Approved - 10/1/91  
Rakesh V. Vohra, Management Sciences, Approved - 10/1/91

June 7, 1991 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

Promotions and Tenure (contd)

**COLLEGE OF DENTISTRY**

PROMOTION TO ASSOCIATE PROFESSOR

Lewis J. Claman, Periodontology, Approved - 7/1/91

PROMOTION TO ASSOCIATE PROFESSOR with TENURE

Stephen F. Rosenstiel, Restorative & Prosthetic Dentistry, Approved - 7/1/91  
Stephen Wilson, Pediatric Dentistry, Approved - 7/1/91

PROMOTION TO CLINICAL ASSISTANT PROFESSOR

Ronald L. Clowson, Restorative and Prosthetic, Approved - 7/1/91  
Cheryl L. Long, Restorative and Prosthetic, Approved - 7/1/91

**COLLEGE OF EDUCATION**

PROMOTION TO PROFESSOR

Sandra McCormick, Educational Theory and Practice, Approved - 10/1/91  
Ila P. Young, Educational Policy and Leadership, Approved - 10/1/91  
Nancy L. Zimpher, Educational Policy and Leadership, Approved - 10/1/91

PROMOTION TO ASSOCIATE PROFESSOR

Betty P. Cleaver, Educational Policy and Leadership, Approved - 7/1/91  
Beverly M. Gordon, Educational Policy and Leadership, Approved - 10/1/91  
Ronald L. Jacobs, Educational Studies: Humanities, Science, Technological & Vocational,  
Approved - 10/1/91

PROMOTION TO ADJUNCT ASSOCIATE PROFESSOR

Mac A. Stewart, Educational Policy and Leadership, Approved - 7/1/91

PROMOTION TO ASSOCIATE PROFESSOR with TENURE

Janet H. Hickman, Educational Theory and Practice, Approved - 10/1/91  
Marilyn A. Johnston, Educational Theory and Practice, Approved - 10/1/91  
George E. Newell, Educational Studies: Humanities, Science, Technological & Vocational,  
Approved - 10/1/91  
Karen F. Zuga, Educational Studies: Humanities, Science, Technological & Vocational, Approved  
- 10/1/91

June 7, 1991 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

Promotions and Tenure (contd)

**COLLEGE OF EDUCATION (contd)**

TENURE

Paul E. Post, Educational Studies: Humanities, Science, Technological & Vocational, Approved - 10/1/91

**COLLEGE OF ENGINEERING**

PROMOTION TO PROFESSOR

Fusun Ozguner, Electrical Engineering, Approved - 10/1/91  
Prabhakar H. Pathak, Electrical Engineering, Approved - 10/1/91  
Kambiz Vafai, Mechanical Engineering, Approved - 10/1/91

PROMOTION TO ASSOCIATE PROFESSOR with TENURE

Kim L. Boyer, Electrical Engineering, Approved - 10/1/91  
J. Benjamin Gianni, Architecture, Approved - 10/1/91  
Yann G. Guezennec, Mechanical Engineering, Approved - 10/1/91  
Raul Herrera, Engineering Graphics, Approved - 10/1/91  
Kay Bea Jones, Architecture, Approved - 10/1/91  
Furukh S. Khan, Electrical Engineering, Approved - 10/1/91  
Ashok K. Krishnamurthy, Electrical Engineering, Approved - 10/1/91  
Dik Lun Lee, Computer and Information Science, Approved - 10/1/91  
Michael J. Miller, Engineering Graphics, Approved - 10/1/91  
Hazel A. Morrow-Jones, City and Regional Planning, Approved - 10/1/91  
Randolph L. Moses, Electrical Engineering, Approved - 10/1/91  
Richard E. Parent, Computer and Information Science, Approved - 10/1/91  
Shang-Tian Yang, Chemical Engineering, Approved - 10/1/91

**COLLEGE OF HUMAN ECOLOGY**

PROMOTION TO PROFESSOR

Shirley L. O'Bryant, Family Relations & Human Development, Approved - 7/1/91

PROMOTION TO ASSOCIATE PROFESSOR with TENURE

Raphael T. George, Human Nutrition and Food Management, Approved - 10/1/91  
Sharon B. Seiling, Family Resource Management, Approved - 7/1/91

June 7, 1991 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

Promotions and Tenure (contd)

**COLLEGE OF HUMANITIES**

PROMOTION TO PROFESSOR

James R. Bartholomew, History, Approved - 10/1/91  
John T. Davis, Classics, Approved - 10/1/91  
David O. Frantz, English, Approved - 7/1/91  
Lisa J. Kiser, English, Approved - 10/1/91  
Stewart D. Shapiro, Philosophy, Newark, Approved - 10/1/91

PROMOTION TO ASSOCIATE PROFESSOR with TENURE

William W. Batstone, Classics, Approved - 10/1/91  
William R. Childs, History, Approved - 10/1/91  
Linda L. Harlow, French and Italian, Approved - 10/1/91  
Gregory Jusdanis, JANELL, Approved - 10/1/91  
Peter O. King, Philosophy, Approved - 10/1/91  
Christiane Laeufer, French and Italian, Approved - 10/1/91

TENURE

Nan Arbuckle, English, Lima, Approved - 10/1/91

**COLLEGE OF LAW**

PROMOTION TO ASSOCIATE PROFESSOR with TENURE

Sanford N. Caust-Ellenbogen, Approved - 8/16/91

**UNIVERSITY LIBRARIES**

PROMOTION TO ASSOCIATE PROFESSOR with TENURE

James K. Bracken, Approved - 7/1/91  
David A. Lincove, Approved - 7/1/91

PROMOTION TO ASSISTANT PROFESSOR and TENURE

Nena L. Couch, Approved - 7/1/91 & 7/28/92  
Barbara A. VanBrimmer, Approved - 7/1/91 & 8/19/91

TENURE

Jennifer J. Kuehn, Approved - 7/1/91  
Hannah C. Thomas, Approved - 6/17/91

June 7, 1991 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

Promotions and Tenure (contd)

**COLLEGE OF MATHEMATICAL AND PHYSICAL SCIENCES**

PROMOTION TO PROFESSOR

Michael A. Fligner, Statistics, Approved - 10/1/91  
Clyde C. Goad, Geodetic Science and Surveying, Approved - 10/1/91  
David M. Goss, Mathematics, Approved - 10/1/91  
Jason C. Hsu, Statistics, Approved - 10/1/91  
Bradley M. Peterson, Astronomy, Approved - 10/1/91  
Anton F. Schenk, Geodetic Science and Surveying, Approved - 10/1/91

PROMOTION TO ASSOCIATE PROFESSOR with TENURE

Edwin S. Bair, Geological Sciences, Approved - 10/1/91  
Martin D. Caffrey, Chemistry, Approved - 10/1/91  
Robert J. Perry, Physics, Approved - 10/1/91  
Vidhyanath Rao, Mathematics, Newark, Approved - 10/1/91  
Elizabeth A. Stasny, Statistics, Approved - 10/1/91

TENURE

Anil K. Pradhan, Astronomy, Approved - 10/1/91

**COLLEGE OF MEDICINE**

PROMOTION TO PROFESSOR

Robert A. Bornstein, Psychiatry, Approved - 7/1/91  
Jacqueline C. Bresnahan, Cell Biology, Neurobiology and Anatomy, Approved - 10/1/91  
P. David Myerowitz, Surgery, Approved - 7/1/91  
John A. Negulesco, Cell Biology, Neurobiology and Anatomy, Approved - 7/1/91  
Dwight A. Powell, Pediatrics, Approved - 7/1/91  
Richard C. Rogers, Physiology, Approved - 10/1/91

PROMOTION TO ASSOCIATE PROFESSOR with TENURE

Philip F. Binkley, Internal Medicine, Approved - 7/1/91  
Donna A. Caniano, Surgery, Approved - 7/1/91  
Ing-Ming Chiu, Internal Medicine, Approved - 10/1/91  
Mitchell L. Henry, Surgery, Approved - 7/1/91  
John T. Kissel, Neurology, Approved - 7/1/91  
Warren D. Lo, Pediatrics, Approved - 7/1/91  
Robert D. Murray, Pediatrics, Approved - 7/1/91  
Stephen C. Olson, Psychiatry, Approved - 7/1/91  
Daniel D. Sedmak, Pathology, Approved - 7/1/91

June 7, 1991 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

Promotions and Tenure (contd)

**COLLEGE OF MEDICINE (contd)**

PROMOTION TO ASSISTANT PROFESSOR

Betty J. Bartlett, Allied Medical Professions, Approved - 7/1/91  
Martha A. Brogan, Radiology, Approved - 7/1/91  
Robert B. McGhee, Radiology, Approved - 7/1/91

TENURE

Ruth A. Altschuld, Medical Biochemistry, Approved - 10/1/91  
Louis J. Flancbaum, Surgery, Approved - 7/1/91

**COLLEGE OF MEDICINE**

**CLINICAL FACULTY**

PROMOTION TO CLINICAL PROFESSOR

Robert J. Murphy, Preventive Medicine, Approved - 7/1/91  
James F. Quilty, Pediatrics, Approved - 7/1/91

PROMOTION TO CLINICAL ASSOCIATE PROFESSOR

Gary E. Barnett, Pathology, Approved - 7/1/91  
Jeffrey G. Bell, OBGYN, Approved - 7/1/91  
Jack B. Booth, Otolaryngology, Approved - 7/1/91  
Herbert A. Bronstein, Internal Medicine, Approved - 7/1/91  
Robert E. Falcone, Surgery, Approved - 7/1/91  
Ralph D. Lach, Internal Medicine, Approved - 7/1/91  
Mario J. Marcon, Pathology, Approved - 7/1/91  
Eugene S. May, Internal Medicine, Approved - 7/1/91  
Ambrose Ng, Pathology, Approved - 7/1/91  
Niranjan T. Shah, Pathology, Approved - 7/1/91  
Barry T. Shannon, Pathology, Approved - 7/1/91  
Larry VandeCreek, Family Medicine, Approved - 7/1/91

PROMOTION TO CLINICAL ASSISTANT PROFESSOR

Evan W. Dixon, Internal Medicine, Approved - 7/1/91  
Harry L. Graber, Internal Medicine, Approved - 7/1/91  
David R. Neiger, Internal Medicine, Approved - 7/1/91

June 7, 1991 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

Promotions and Tenure (contd)

**COLLEGE OF MEDICINE**

**REGULAR CLINICAL FACULTY**

**REAPPOINTMENTS**

REAPPOINTMENT TO PROFESSOR OF CLINICAL MEDICINE

Neena Kapoor, Pediatrics, Approved - 5/15/92

REAPPOINTMENT TO ASSOCIATE PROFESSOR OF CLINICAL MEDICINE

Susan C. Benes, Ophthalmology, Approved - 7/1/92

Wilburn H. Weddington, Family Medicine, Approved - 7/1/92

REAPPOINTMENT TO ASSISTANT PROFESSOR OF CLINICAL MEDICINE

David L. Anglin, Pediatrics, Approved - 7/1/92

Lorraine M. Birkovich, Internal Medicine, Approved - 7/1/92

Juan M. Bowen, Internal Medicine, Approved - 11/1/92

Anthony J. Cecalupo, Pediatrics, Approved - 6/2/92

Eric G. Handler, Pediatrics, Approved - 8/14/92

William E. Maher, Internal Medicine, Approved - 11/1/92

Mary E. Mortensen, Pediatrics, Approved - 7/20/92

Arthur E. Pellegrini, Pathology, Approved - 8/1/92

Richard S. Pieters, Jr., Radiology, Approved - 8/10/92

Mahankali B. Rao, Internal Medicine, Approved - 7/1/92

Robert T. Sickles, Family Medicine, Approved - 7/1/92

Douglas B. Van Fossen, Internal Medicine, Approved - 7/1/92

Sharon E. Washington, Internal Medicine, Approved - 1/1/93

**COLLEGE OF MEDICINE**

**REGULAR CLINICAL FACULTY**

**PROMOTIONS**

PROMOTION TO PROFESSOR OF CLINICAL MEDICINE

Wilburn H. Weddington, Family Medicine, 7/1/91

PROMOTION TO ASSOCIATE PROFESSOR OF CLINICAL MEDICINE

Daniel J. Martin, Psychiatry, 7/1/91

Randy R. Miller, Pediatrics, 7/1/91

Rick E. Ricer, Family Medicine, 7/1/91

Howard A. Werman, Emergency Medicine, 7/1/91

June 7, 1991 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

Promotions and Tenure (contd)

**COLLEGE OF NURSING**

PROMOTION TO PROFESSOR

Kathleen A. Stone, Life Span Process, Approved - 10/1/91

**COLLEGE OF PHARMACY**

TENURE

Anthony P. Young, Pharmacology, Approved - 10/1/91

PROMOTION TO CLINICAL ASSISTANT PROFESSOR

Gerald L. Cable, Pharmacy Practice, Approved - 7/1/91

Martin R. Giannamore, Pharmacy Practice, Approved - 7/1/91

PROMOTION TO ADJUNCT ASSOCIATE PROFESSOR

Alan Escovitz, Pharmaceutical Administration, Approved - 7/1/91

**COLLEGE OF SOCIAL AND BEHAVIORAL SCIENCES**

PROMOTION TO PROFESSOR

Barbara L. Andersen, Psychology, Approved - 10/1/91

Stephen A. McCafferty, Economics, Approved - 10/1/91

PROMOTION TO ASSOCIATE PROFESSOR

Annmarie A. Zaharlick, Anthropology, Approved - 10/1/84

PROMOTION TO ASSOCIATE PROFESSOR with TENURE

Lauren J. Krivo, Sociology, Approved - 10/1/91

Jon Krosnick, Psychology, Approved - 10/1/91

Richard H. Moore, Anthropology, Approved - 10/1/91

Laura L. Stafford, Communication, Approved - 10/1/91

June 7, 1991 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

Promotions and Tenure (contd)

**COLLEGE OF SOCIAL WORK**

PROMOTION TO ASSOCIATE PROFESSOR with TENURE

Karen J. Harper, Approved - 10/1/91

James E. Lantz, Approved - 10/1/91

**VETERINARY MEDICINE**

PROMOTION TO PROFESSOR

Stephen P. DiBartola, Veterinary Clinical Sciences, Approved - 7/1/91

Yasuko Rikihisa, Veterinary Pathobiology, Approved - 7/1/91

PROMOTION TO ASSOCIATE PROFESSOR with TENURE

Thomas J. Rosol, Veterinary Pathobiology, Approved - 7/1/91

TENURE

Jerome Masty, Veterinary Anatomy and Cellular Biology, Approved - 7/1/91

Steven C. Schrader, Veterinary Clinical Sciences, Approved - 10/5/91

Emeritus Titles

WALTER L. FISHEL, Department of Agricultural Economics and Rural Sociology, with the title Professor Emeritus, effective July 1, 1991.

LARRY P. RITZMAN, Academic Faculty of Management Sciences, with the title Professor Emeritus, effective July 1, 1991.

ROBERT E. TREECE, Department of Entomology (OARDC), with the title Professor Emeritus, effective April 1, 1991.

FREDERICK P. ZUSPAN, Department of Obstetrics and Gynecology, with the title Professor Emeritus, effective July 1, 1991.

JOHN W. HEVENER, Department of History (Lima Campus), with the title Associate Professor Emeritus, effective June 1, 1991.

EMIL R. PINTA, Department of Psychiatry, with the title Assistant Professor Emeritus, effective June 1, 1991.

June 7, 1991 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

Medical Staff Appointments (The Arthur G. James Cancer Hospital and Research Institute)

BROOKS, JONATHAN B., M.D., Associate Attending Staff, Department of Emergency Medicine

NELSON, RICHARD NORMAN, M.D., Associate Attending Staff, Department of Emergency Medicine

WERMAN, HOWARD A., M.D., Associate Attending Staff, Department of Emergency Medicine

RICHARDS, STEPHEN R., M.D., Clinical Attending Staff, Department of Obstetrics and Gynecology

Upon motion of Ms. Casto, seconded by Mr. Wexner, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**RESOLUTIONS IN MEMORIAM**

Resolution No. 91-133

Synopsis: The Academic Affairs Committee recommended the approval of Resolutions in Memoriam for William H. Havener, June F. Kennedy, Chester I. Randles, Robert M. Ryan, Everett M. Schreck, and Harold C. Trimble.

RESOLVED, That the Board adopt the following Resolutions in Memoriam and that the President be requested to convey a copy to the families of the deceased.

William H. Havener

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on March 7, 1991, of William H. Havener, M.D., Professor and former Chairperson, Department of Ophthalmology.

Dr. Havener was born on June 2, 1924, in Chillicothe, Ohio. He earned a bachelor's degree in 1944 from The College of Wooster, a medical degree in 1948 from Western Reserve University, and a master's degree at University Hospitals of Cleveland in 1950. He took postgraduate courses in ophthalmology at Harvard University, then served his residency at the University of Michigan.

Dr. Havener joined the Department of Ophthalmology at The Ohio State University in the College of Medicine in 1954. He served as Chairperson of the department from 1959 to 1961 and again from 1972 to 1988.

Dr. Havener was respected by students and peers as an outstanding educator and received numerous awards during his career, including "Professor of the Year" recognition by the medical class of 1978; "Preclinical Professor of the Year" in 1979, and teaching awards from the classes of 1980, 1989 and 1991. He also received a Faculty Teaching Award from the College of Medicine in 1987.

In June 1990, he was named the recipient of the Ohio Ophthalmological Society's "Excellence in Ophthalmology" Award.

June 7, 1991 meeting, Board of Trustees

## RESOLUTIONS IN MEMORIAM (contd)

William H. Havener (contd)

In 1989, friends and colleagues of Dr. Havener established the William H. Havener Chair in Ophthalmology. The purpose of the fund is to provide support for a distinguished scholar in ophthalmology.

Dr. Havener was a prolific writer and authored 14 books and more than 190 articles in medical journals. Three of his books have become primary reference sources for ophthalmologists, including the internationally accepted book, Ocular Pharmacology.

Dr. Havener was active in many civic and community organizations. He was instrumental in achieving a smoke-free medical complex and he was working towards a smoke-free campus. He was on the board of directors of Mothers Against Drunk Drivers and he was an advocate of legislation for stricter drunk driving laws.

On behalf of the University community, the Board of Trustees expresses to the family and friends of Dr. Havener its deepest sympathy. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

June F. Kennedy

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on March 4, 1991, of June F. Kennedy, Professor Emeritus in the Department of Human Nutrition and Food Management.

Professor Kennedy was born in New Point, Missouri, on June 17, 1890. She attended Missouri State University in Columbia from 1909 through 1917 where she received both her B.S. and M.A. degrees. Both degrees were in Food Science and Nutrition. Professor Kennedy taught at Hannibal High School and several universities in Missouri from 1913-1917. She then taught from 1917-1920 at the College of Industrial Arts in Denton, Texas.

Professor Kennedy began teaching at The Ohio State University in the Autumn of 1920 as an Assistant Professor and Head of the Institution Management and Dietetics program. She was also to develop the Campbell Hall Cafeteria. When Pomerene Hall was built, the Refectory was assigned to Home Economics as a laboratory for institution management students. Professor Kennedy was on a part-time Assistant Professor appointment in 1934 to help provide management leadership for this work regarding the Refectory. During World War II she supervised dining halls in the South campus dorms. After twenty-five years of service as chairperson of the Institutional Management Division, Professor Kennedy was hired full-time in 1946 to become the first head of the University Food Services Area. In addition, she taught upper level courses for the division of Institutional Management in the School of Home Economics. Professor Kennedy remained in these positions with the University until her retirement in 1959.

The Board of Trustees named the Women's Commons, 251 West 12 Avenue, The June F. Kennedy Commons on April 1, 1983, to honor the leadership and dedication provided by Professor Kennedy during her many years at The Ohio State University.

On behalf of the University community, the Board of Trustees expresses its sympathy and understanding to the family of Professor Kennedy. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

June 7, 1991 meeting, Board of Trustees

### RESOLUTIONS IN MEMORIAM (contd)

Chester I. Randles

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on April 8, 1991, of Chester I. Randles, Professor Emeritus in the Department of Microbiology.

Chester I. Randles was born September 14, 1918, in Painsville, Ohio. He received a Bachelor of Science degree from Kent State University in 1942. He served in the Army and Navy from 1944-46, at Camp Dietrich and at the Naval Medical Reserve Unit No. 1 in Berkeley, California. He was a teaching assistant and University Fellow at The Ohio State University from 1942-44 and again from 1946-47. He received his Ph.D. in microbiology from Ohio State in 1947.

He was an assistant professor of microbiology at Rutgers University from 1947-49 before coming to Ohio State as an assistant professor in 1949. He was later promoted to associate professor and then Professor in 1959. Professor Randles retired in 1984 but continued to teach one course a year until 1987.

Professor Randles conducted research in the areas of microbial physiology and aquatic ecology with special emphasis on acid-mine drainage and bacteria in Lake Erie. He did early studies on the role of microorganisms in acid mine waste and taught aquatic microbiology for many summers at the Franz Stone Laboratory on Lake Erie.

Professor Randles was a member of Sigma Xi, the Ohio Branch of the American Society for Microbiology, and the American Association for The Advancement of Science.

Alumni, faculty, and friends of the Department of Microbiology established a scholarship fund in Professor Randles honor in 1984. The fund benefits graduate students in that department in the final year of their Ph.D. program.

On behalf of the University community, the Board of Trustees expresses its sympathy and understanding to his family and friends. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees as an expression of the Board's heartfelt sympathy.

Robert M. Ryan

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on April 15, 1991, of Robert M. Ryan, Professor Emeritus in the College of Social Work.

Dr. Ryan received his Bachelor of Arts in Social Science in 1959 from Eastern Kentucky University, a Masters degree in Social Work in 1965 from the University of Tennessee and a Doctorate in Social Work from the University of Denver in 1972. Following a teaching appointment at Western Kentucky University, Dr. Ryan joined the faculty of The Ohio State University College of Social Work. Dr. Ryan remained a faculty member until his retirement in 1990.

Dr. Ryan distinguished himself as a teacher, researcher and consultant during his career at Ohio State. He was responsible for teaching courses in the areas of social administration, management information systems, and macro level practice. For several years he chaired the Policy and Planning teaching unit of the College and served with distinction as chair of the College Curriculum Committee. His textbook Social Workers At Work has been a standard in the profession for many years.

June 7, 1991 meeting, Board of Trustees

### RESOLUTIONS IN MEMORIAM (contd)

Robert M. Ryan (contd)

Dr. Ryan was particularly active as an educational consultant to baccalaureate programs. He helped several institutions to design and implement their undergraduate majors in social work. He was a very active participating member of the "Shamrock Club" and deeply involved and committed to all things Irish.

On behalf of the University, the Board of Trustees expresses to the family its deepest sympathy and sense of understanding in their loss. It was directed that his resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Everett Morrill Schreck

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on April 20, 1991, of Everett Morrill Schreck, Associate Professor Emeritus in the Department of Theatre.

Dr. Schreck was born in Washington, Kansas, on September 3, 1897. He received his undergraduate education at Kansas Wesleyan University, where he earned his B.S. degree in 1923. He subsequently received an M.S. from Kansas State College in 1925, an M.F.A. from Yale University in 1932, and a Ph.D. from Cornell University in 1942.

Dr. Schreck was named Assistant Professor at the University of South Dakota in 1932, a post he held until 1938. He later served, from 1938-1946, as Associate Professor at Iowa State College. Dr. Schreck came to The Ohio State University in the autumn of 1946, and was named Associate Professor Emeritus upon his retirement in June of 1967.

Dr. Schreck was particularly active as a theatre practitioner during his tenure at Ohio State, directing and acting in numerous productions. His staging of The Male Animal, by Elliott Nugent and Ohio State Alumnus James Thurber, marked the occasion of the Stadium Theatre's inauguration in 1950.

On behalf of the University, the Board of Trustees expresses to the family of Everett Schreck its deepest sympathy and sense of understanding in their loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to family members as an expression of the Board's heartfelt sympathy.

Harold C. Trimble

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on January 24, 1991, of Harold "Bud" Callander Trimble, Professor Emeritus in the Department of Educational Theory and Practice.

Professor Trimble was born March 6, 1914. Matriculating with Gold Medal Honors in Mathematics at the University of Western Ontario in 1935, he progressed on through the M.A. (1937) and Ph.D. (1939) in Mathematics at the University of Wisconsin. Postdoctoral studies in evaluation at the University of Chicago served him well as a research associate for the Evaluation Staff of the Eight Year Study of the Progressive Education Association. He served as a professor in mathematics at the University of Northern Iowa and then served as chair from 1958 to 1963. His service in Iowa was interrupted from 1947-1951 when he served in the Department of Mathematics at Florida State University.

**RESOLUTIONS IN MEMORIAM (contd)**

Harold C. Trimble (contd)

Dr. Trimble was affiliated with The Ohio State University as professor of mathematics education in the Department of Educational Theory and Practice from 1963 until his retirement in 1981. He taught the full range of courses in mathematics education over the years at both undergraduate and graduate levels. He authored textbooks in mathematics for students at the university and school levels.

Noted as an excellent teacher, Professor Trimble brought a powerful appreciation of the power of problem solving as an enabling process in mathematics to the students and colleagues he influenced. His contributions in teaching, textbook writing, and to professional organizations earned him the respect and friendship of generations of mathematics teachers and large numbers of mathematics educators across the country.

On behalf of the University community, the Board of Trustees expresses its sympathy and understanding to the family of Professor Trimble. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Upon motion of Ms. Casto, seconded by Mr. Celeste, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

Mr. Teaford:

I would like to call your attention to two extraordinary people on this list, one being Dr. Havener, who was easily one of the leading authorities in this country on ophthalmology; and the other is, June Kennedy, and Kennedy Commons was named in her honor. She died recently at the age of 100.

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**STUDENT AFFAIRS COMMITTEE REPORT**

Mr. Tonnies:

The Student Affairs Committee met this morning and heard a report from Dean Hollingsworth concerning Student Activities Funding. Student activities provides students an opportunity to develop important leadership, communications, management, and citizenship skills. Student activities contribute to the creation of a sense of community on campus. Student activities are for the most part initiated and managed by students in over 500 registered student organizations. Student groups are advised by faculty and administrative staff.

The primary source of funding for student groups is a pool of University resources allocated by the Council on Student Affairs Allocation Subcommittee. Depending on the purposes of the organization, supplemental funding is also available to groups through residence and dining halls, recreation and intramural sports, and some colleges and departments. Groups are also engaged in development activity and sales to support their own budgets.

**STUDENT AFFAIRS COMMITTEE REPORT (contd)**

Mr. Tonnies: (contd)

In the 1990-91 academic year, requests by student groups for Council on Student Affairs' funds exceeded available funds by nearly 50 percent. Supplemental sources do not make up for the short fall in activities funds. It should also be noted that many groups do not request funds either because under the Council of Student Affairs' rules they are not eligible to receive funding, or because they are discouraged by the low funding levels resulting from the limited sources. The Office of Student Life estimates that the activities fund would need to increase from its present level of \$218,000 to approximately \$480,000, to provide an adequate student activities program and an increase to nearly \$960,000 to provide top quality activities.

The Council on Student Affairs Planning and Coordinating Subcommittee is currently exploring options for increasing the pool of available resources. Options include increased University support, creation of a designated activities fee, and initiation of a major development effort.

The full educational benefit of involvement in campus life can not be realized until we are able to give students the resources to provide a diverse, high quality program of lectures, concerts, festivals, personal development seminars, rallies, student publications, and special events.

William H. Hall, Director of Residence and Dining Halls, presented a brief summary of the 1991-92 residence and dining halls budget and proposed rates. Despite rising costs, residence and dining halls administration has held rates to a weighted average increase of 4.9 percent, which is less than the rate of inflation. This is a summary of some of the slides that he used during his presentation, and we can make these available to the full Board.

The Committee is also recommending the following resolution:

**EXPRESSION OF APPRECIATION TO BENETTA BURTON**

Resolution No. 91-134

Synopsis: The approval of the following Expression of Appreciation for Benetta Burton is proposed.

WHEREAS Benetta Burton has served as President of the Council of Graduate Students during the past year; and

WHEREAS she has performed in an exemplary manner in meeting the goals and objectives of her position; and

WHEREAS Benetta has demonstrated a great sensitivity and understanding regarding matters of special interest and concern to graduate students and has worked diligently in bringing those matters to the attention of the Board; and

WHEREAS her resolve, dedication, and support of this University has been exercised in innumerable ways over the past year:

**NOW THEREFORE**

June 7, 1991 meeting, Board of Trustees

**EXPRESSION OF APPRECIATION TO BENETTA BURTON (contd)**

BE IT RESOLVED, That this Board expresses to Benetta Burton their thanks and appreciation for her outstanding leadership and service to The Ohio State University, and wishes her happiness, good health, and continued success in the future.

Upon motion of Mr. Tonnies, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

Mr. Teaford:

I would like to add a personal comment about Ms. Burton because I have seen eight years of leaders of the Council on Graduate Students and I think that you are easily the premier person who has held that office in that period. And I congratulate you for that.

Mr. Tonnies:

I have one final thing and it is just to remind the Board that we are experimenting with something new this year in Student Affairs. The three student governments will not report to the Board through the subcommittee on a monthly basis. What they will do is submit the report in writing and we will distribute that to all of the Board members, so those who are not at the meeting can see what is going on on a monthly basis. This is going to free up some time that we can better use to discuss important topics in the Student Affairs Committee.

Mr. Teaford:

It also gives us a chance for the student presidents to communicate with all of us, because we will all get copies rather than simply the Committee.

Mr. Tonnies:

That concludes my report.

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**WAIVERS OF COMPETITIVE BIDDING REQUIREMENTS  
January - March 1991**

Resolution No. 91-135

Synopsis: The Fiscal Affairs Committee recommended the acceptance of the quarterly report on waivers of competitive bidding requirements.

WHEREAS the Purchasing Policy of The Ohio State University, adopted by the Board of Trustees on September 7, 1984, provides that the President and/or the Vice President of Business and Administration may grant a waiver from competitive bidding in the event of an emergency, when a sufficient economic reason exists, or when the goods or services can be purchased from only a single source, with a report on such waivers to be made quarterly to this Board; and

WHEREAS the Acting Vice President for Business and Administration has submitted a report on waivers of competitive bidding requirements granted for the period of January-March 1991:

June 7, 1991 meeting, Board of Trustees

**WAIVERS OF COMPETITIVE BIDDING REQUIREMENTS  
January - March 1991 (contd)**

NOW THEREFORE

BE IT RESOLVED, That the report on waivers of competitive bidding requirements for the period of January-March 1991, is hereby accepted.

Upon motion of Mr. Kessler, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix LXXX for chart on Waivers of Competitive Bidding Requirements - January - March 1991, page 1335.)

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**FISCAL AFFAIRS COMMITTEE REPORT**

Mr. Shumate:

Even though the Fiscal Affairs Committee did meet yesterday, we think in preparation for the votes that we should have Mr. Nichols talk about the Employment of Architects:

**EMPLOYMENT OF ARCHITECTS/ENGINEERS AND  
REQUEST FOR CONSTRUCTION BIDS**

Resolution No. 91-136

**STARLING-LOVING - CONTINUING MEDICAL EDUCATION RENOVATION**

Synopsis: The Fiscal Affairs Committee recommended authorization to employ architects/engineers and request construction bids for the Starling-Loving - Continuing Medical Education Renovation project.

WHEREAS the University Hospitals desires to proceed with renovation of the existing Continuing Medical Education suite located on the fourth floor of Starling-Loving Hall; and

WHEREAS the total estimated project cost is \$172,000.00, and the total estimated construction cost is \$131,000.00, with funding provided by the University Hospitals:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Acting Vice President for Business and Administration be authorized to select qualified architectural/engineering firms as necessary for this project and that the fees for these services be negotiated between the firm selected and the University; and

BE IT FURTHER RESOLVED, That the President and/or Acting Vice President for Business and Administration be authorized to request construction bids on this project in accordance with established State of Ohio and University procedures, and if satisfactory bids are received, to award contracts, with all actions to be reported to this Board at the appropriate time.

**EMPLOYMENT OF ARCHITECTS/ENGINEERS AND  
REQUEST FOR CONSTRUCTION BIDS (contd)**

**STARLING-LOVING - CONTINUING MEDICAL EDUCATION RENOVATION (contd)**

Upon motion of Mr. Shumate, seconded by Mr. Kessler, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix LXXXI for background material, page 1337.)

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Mr. Nichols:

In discussions with Mr. Shumate and Mr. Teaford, we are going to try a different format and not proceed through the list of bid projects, but at each meeting pick out certain projects to highlight for you, perhaps in a visual fashion. We want to show you one particular project in this list which involves the Morrill and Lincoln Towers Residence Halls Upgrade Treatment. [Slide presentation.]

You will recall that two years ago we started a project where we revised two floors of Morrill Tower in an experiment to try to get a new environmental living situation. Each of those suites, of which there are six per floor, had sixteen students in each suite. It was four per room in the living area, with two bunk beds each. A rather cozy environment, shall we say. That population has been actually cut in half, so now there are only two students per room. This is a before shot of one of the sleeping areas. Under the current situation, there would be a bunk bed in the corner and there would be basically two students sleeping in this room. Everything they would have with them at college would be in this particular room. Under the new environment, there has been new lighting, new surface materials have been installed, as well as ceilings. There are single beds now in the corner and it looks like a typical dorm room.

In terms of the bathroom, to give you the full flavor of all of this -- this is the existing bathroom. It has tile on the floor, older fixtures and these buildings, again, were built in 1966 and 1967. The new ones will look this way, with new lighting, brighter lighting, the tile has been replaced with a material called marlight. Showers have been upgraded as well as all of the fixture facilities. And for a college situation it is actually quite nice.

And then, finally, all eight of those students under the new configuration will have one room that is approximately 225 square feet that will be a living room type of situation. The lighting has been upgraded as well as wall coverings replaced. There is a small study, a built-in TV situation, and chairs for more of a social environment.

As you have seen on all of these projects that are in the award category, we are getting very favorable bids which is directly related to the current situation in real estate and construction industry. We are quite pleased at the bids. We are going to report to you next month on some that we have just received, assuming they go out. We have some extremely favorable bids on large projects.

**REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS**

Resolution No. 91-137

DENNEY HALL - RELOCATION OF ARTS AND SCIENCES HONORS PROGRAM  
MECHANICAL IMPROVEMENTS (EVANS LABORATORY)  
19TH AVENUE (NEIL TO COLLEGE) - ROAD RESURFACING  
MCCAMPBELL HALL - NEW DIABETES AND ATHEROSCLEROSIS OUTPATIENT CLINIC  
1501 NEIL AVENUE RENOVATION  
DODD HALL INTERFACE, PHASE II  
DODD HALL HVAC SYSTEM MODIFICATIONS, PHASE II  
MORRILL AND LINCOLN TOWERS RESIDENCE HALLS UPGRADE TREATMENT - PHASE II

Synopsis: The Fiscal Affairs Committee recommended the approval of the Report of Award of Contracts and Establishment of Contingency Funds for the listed projects.

WHEREAS resolutions adopted by the Board of Trustees on May 4, 1989, December 1, 1989, and October 5, 1990, authorized the President and/or Vice President for Business and Administration to request construction bids in accordance with established State of Ohio and University procedures, and if satisfactory bids were received to recommend the award of contracts for the following projects: Denney Hall - Relocation of Arts and Sciences Honors Program, Mechanical Improvements (Evans Laboratory), 19th Avenue (Neil to College) - Road Resurfacing, and 1501 Neil Avenue Renovation; and

WHEREAS resolutions adopted by the Board of Trustees on February 1, 1991 and March 1, 1991, authorized the President and/or Vice President for Business and Administration to request construction bids in accordance with established University procedures, and if satisfactory bids were received, to award contracts for the following projects: McCampbell Hall - New Diabetes and Atherosclerosis Outpatient Clinic, Dodd Hall Interface, Phase II, Dodd Hall HVAC System Modifications, Phase II, and Morrill and Lincoln Towers Residence Halls Upgrade Treatment, Phase II:

NOW THEREFORE

BE IT RESOLVED, That pursuant to the actions previously authorized by the Board, the Report of Award of Contracts and Establishment of Contingency funds for these projects is hereby approved.

Upon motion of Mr. Shumate, seconded by Ms. Casto, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix LXXXII for background material and tabulation of bids, page 1339.)

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**PURCHASE OF REAL PROPERTY**

Resolution No. 91-138

231 WEST TENTH AVENUE  
COLUMBUS, OHIO

**Synopsis:** The Fiscal Affairs Committee recommended the approval of purchase of real property at 231 West Tenth Avenue in Columbus, Ohio.

**WHEREAS** The Ohio State University has been presented with an opportunity to purchase the property at 231 West Tenth Avenue in Columbus, Ohio; and

**WHEREAS** this property has an appraised value of \$138,000.00 and the owner, Ms. Ruth Stewart of Columbus, has offered to sell the property to the University at a price of \$125,550.00; and

**WHEREAS** this property is located within the University's Master Plan's South Campus acquisition line and the appropriate University offices have determined that the purchase of this property is in the best interest of the University; and

**WHEREAS** funds for the purchase will be provided from the University General Fund's land purchase account:

**NOW THEREFORE**

**BE IT RESOLVED**, That the President and/or Acting Vice President for Business and Administration be authorized to purchase, in the name of the State of Ohio for the use of The Ohio State University, the improved real property located at 231 West Tenth Avenue at a price not to exceed \$125,550.00, upon such terms and conditions as are deemed to be in the best interest of the University, subject to the University receiving the necessary approvals from the Ohio Board of Regents and the State Controlling Board.

Upon motion of Mr. Shumate, seconded by Mr. Wexner, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix LXXXIII for background material and map, page 1359.)

**Ms. Casto:**

This is all part of that tract that we are trying to acquire.

**Mr. Teaford:**

Within the boundary.

**Mr. Nichols:**

That is right. On the locator map, if you look at it under the boundary you will see 231. Immediately to the west of the property are two lots that are currently used for parking by the University. Further down the street, the two lots that are right at the corner of Worthington and West Tenth, is the Mershon Center.

**PURCHASE OF REAL PROPERTY (contd)**

231 WEST TENTH AVENUE  
COLUMBUS, OHIO (contd)

Ms. Casto:

Do we have any plans for what we are going to do with this property?

Mr. Nichols:

No. It is within the long-term acquisition boundary and as the properties become available we do purchase them.

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Mr. Stoffel:

Mr. Chairman and members of the Board, I am here to talk about the Columbus Campus Preferred Pharmacy Program that we are recommending this month. First, I would like to give you a little bit of history about the University's preferred provider program and the pharmacy history so that I can lead you into why we went through this process.

As you may recall in 1985, the University developed its current preferred provider program, the University Alternative Health Plan, which is now known as the University Health Plan. In the first year of operation of that program we had no preferred pharmacies as a part of the network. About a year later we did add the University Hospitals' Clinic Pharmacy to that network, and six to seven months later we added the Student Health Center Pharmacy. At the time we added those pharmacies, our enrollment was approximately 3,500 people; it expanded to 4,500; then expanded to 6,000; and gradually expanded until our enrollment today is approximately 12,000 members in that plan. With the expansion and with 12,000 enrollees, it amounts to about 25,000 lives that we are serving. This has created a real access problem for us with just the Clinic Pharmacy and the Student Health Center Pharmacy. To compound that problem, we have so much business at the Student Health Center Pharmacy that they cannot do what they are supposed to do any longer, and that is serve students. So they are going to have to withdraw from the University's program. They wanted to do that in January, but stayed with us until we were able to make some other arrangements. They will be leaving our current network effective July 1, so they can service the students.

What we did then was to put out new bid specifications, similar to the network that we bid for the Regional Campuses about six or seven months ago. We sent specifications and proposals to about 34 pharmacy administration companies or insurance companies and did public advertisements for these bids. Five of the companies did not respond, seventeen declined in writing to quote and twelve submitted proposals. All twelve of the proposals were validly submitted on time and with all of the required forms as determined by a purchasing department.

June 7, 1991 meeting, Board of Trustees

Mr. Stoffel: (contd)

We then assembled a committee from the University to review the proposals. There were a number of people from the Office of Human Resources and Benefits; Gerald Cable from the College of Pharmacy was the Dean's representative to this group; Phil Schneider, Associate Director of Pharmacy from the Hospitals represented University Hospitals; Reed Fraley; and George Parks from the Purchasing Department. The Committee was charged to review all of these proposals and to make a recommendation with regard to who should be recommended for approval.

In addition, we hired a pharmacy consulting firm by the name of Pharmaceutical Horizons, Inc., to do a review for us of the financials in this proposal. For those of you who may be familiar with the pricing on drugs, it is such a complicated and competitive business, and we felt we had to have someone that could make this comparison look like apples to apples for us. What this company did was to look at all of the bid proposals, to compare their pricing structure to a market basket of 61 prescriptions that were common prescriptions to the University's program, looking at our current history and utilization, and compare the total cost of those to each one of the bids that were received. The results of that were fairly close.

Today we are recommending Value Rx, which is also the company that has the Regional Campus Program that we have in place right now. They were not the lowest bidder, however they were the lowest, responsive, and responsible bidder. Let me go through the companies that had lesser amounts by our comparisons and tell you why we rejected them.

Pharmacy-Card Inc., was a company that had probably the lowest price per prescription that was bid, but their proposal was incomplete as we looked at it. They did not submit a pharmacy dispensing fee as part of their pricing structure until after the bids were all received. So we threw that one out as being unresponsive.

Hook-SupeRx, Inc., was the next lowest bidder, with an average total prescription cost of \$31.60. Their network of pharmacies was not sufficient to meet the needs of the University's Columbus Campus faculty and staff. They had a fairly substantial network, but that network was basically within the confines of the inner belt and we have about 3,500 to 4,000 people who live outside the outer belt. So we really didn't feel that the network was broad enough to cover the University. In addition, Hook-SupeRx is operating at a significant level of loss. They will be in a negative equity position by the end of 1991, and if they continue on that negative decline, it was felt that could be a problem for us in the future.

Baxter Health Care, Inc., was the next lowest bidder. Their network of pharmacies also was not sufficient to meet the needs of the University population. They only have pharmacies called Medicine Shoppe and RiteAid. They do have other locations, but these other locations are not required to stay in the network and service the University. Only these two locations would be obligated to serve the University, so their network ends up being fairly small to serve our population.

The next company was Revco Drug Stores, Inc. Their bid ended up being \$32.14, and, again, because it was just Revco their network was not sufficient to meet the needs of our healthcare plan. When you look at the demographics, our people are spread out. In addition, Revco filed for Chapter 11 reorganization and is operating as a debtor-in-possession which we felt would be a problem for us.

June 7, 1991 meeting, Board of Trustees

Mr. Stoffel: (contd)

Finally, we get to ValueRx with a bid of \$32.51. We are having an excellent relationship with them on our Regional Campuses. ValueRx has an excellent data system and good cost containment measures in place, and they really have an outstanding network in place. It is not the largest network out there, but it is a very good network. They have a lot of small pharmacies, as well as some of the larger pharmacies that are in this. So we felt that should be the company that we recommend.

Mr. Teaford:

How many locations do they have?

Mr. Larry Lewellen:

They have about 100 in Franklin County, another 40 in the counties that surround Franklin County, and 1,000 in Ohio altogether. They are also a national company, but I don't remember how many locations they have nationally.

Mr. Scott:

That is important when you speak of Ohio. As you know, we are in all 88 counties. And while we do not have PPO's in all 88 counties, the PPO's would be related specifically to the Regional Campuses and OARDC. The fact that we do have people in all of the counties, and the suggestion that we have 1,000 possibilities is probably a very good idea.

Mr. Teaford:

The way I will use this is I will take my card to one of those pharmacies?

Mr. Stoffel:

Yes, you take your card to one of those pharmacies, pay whatever your co-payment is, whether it is 10 percent or 20 percent, and get your prescription. There is no paperwork.

Mr. Teaford:

What determines the co-payment?

Mr. Stoffel:

Whether it is a generic or a non-generic drug. Generic would be a 10 percent co-payment and non-generic would be a 20 percent co-payment.

Mr. Barone:

I am confused on the word "average wholesale." What constitutes average wholesale?

June 7, 1991 meeting, Board of Trustees

Mr. Stoffel:

There are several publications that are out that publish what they call an average wholesale price for any given drug. Now there are several variations of average wholesale price -- there is an average wholesale price of high volume, low volume, and I forget what the other one is, but you can use any one of those three. It is the average wholesale price of the particular drug that is sold.

Mr. Lewellen:

The main average wholesale price that is talked about in the industry is the average of all of the average wholesale prices for each company. Each company publishes their own in a medispans, or a blue book or some other industrial publication. For a particular drug there is an average of all of the average wholesale prices. Those are also the publications that are used for pricing by Medicaid. So those do hold validity as far as the way pricing is done for prescriptions.

Mr. Teaford:

So, this is an average price that is set not by the company, but rather within the total industry.

Mr. Lewellen:

The average price from the manufacturer to the wholesaler.

Mr. Shumate:

A couple of questions, Steve. I assume in the bid specs it was made clear that the network of stores was an important consideration for the bid?

Mr. Stoffel:

Yes, Sir, it was.

Mr. Shumate:

Can you tell me who is involved in the process of evaluating which bids are the most responsive?

Mr. Stoffel:

We had a committee that reviewed all of the bids with regard to responsiveness. There were four people from my office who were involved in that and a representative from the College of Pharmacy, the Purchasing Department, and the University Hospitals Pharmacies. All of those people evaluated the proposals, they had interviews with the companies, the companies came in and clarified any questions that there were on both sides of this. And the committee, as a group, came to a consensus and made a recommendation.

Mr. Shumate:

Have the four companies been notified that their bids were not responsive?

June 7, 1991 meeting, Board of Trustees

Mr. Stoffel:

We wouldn't normally notify them until after the Board approves this.

Mr. Teaford:

When you talk about the bid being \$32.15, is that what a typical family would spend out of the --

Mr. Stoffel:

No, Sir. The numbers that I gave you for the average price per prescription was using the 61 prescriptions from our program and averaging those out. That would be a weighted average, basically the average number of scripts of this medication and so on that we find in the University's program. Weighing all of those, dividing by the total number of scripts in our program, and trying to compare all apples to apples. That would be the average price per prescription, total price per prescription, which would include the University's portion, faculty and staff portion, and their administrative fees.

#### **COLUMBUS CAMPUS PREFERRED PHARMACY PROGRAM**

Resolution No. 91-139

**Synopsis:** The Fiscal Affairs Committee recommended the approval of the Preferred Pharmacy Program for the Columbus Campus.

WHEREAS the University desires to provide quality health care coverages for enrolled faculty/staff and dependents, particularly through Managed Care - Preferred Provider Organization (PPO) delivery systems; and

WHEREAS the expansion of The Ohio State University Faculty and Staff Health Plan pharmacy network and the addition of this network to the Traditional Plan will allow significantly enhanced access and claims processing convenience for faculty and staff, and is particularly necessary due to the termination of faculty and staff pharmacy service by the University Health Service Pharmacy; and

WHEREAS the Pharmacy PPO system will maintain effective cost control through significant discounts on prescription drugs, and will further enhance cost control and services for faculty and staff through clinical review of drug utilization and drug prescribing patterns with proactive information and reactive interventions; and

WHEREAS after public advertisement, specifications and proposal forms were issued to thirty-four (34) companies; five (5) did not respond, seventeen (17) declined in writing to quote, and twelve (12) submitted proposals; and

WHEREAS the appropriate University offices, and Pharmaceutical Horizons, Incorporated (a pharmacy program consultant firm), have reviewed the proposals and, based on prescription drug pricing, administrative fees, and network service capabilities and associated services, it is the recommendation of the Office of Human Resources that the lowest responsive and responsible proposal is offered by ValueRx, subsidiary of Value Health Incorporated. The pricing quoted is as follows:

**COLUMBUS CAMPUS PREFERRED PHARMACY PROGRAM (contd)**

Prescription Drug Price -- Average Wholesale Price less 13% discount  
Administrative Service Fee -- \$3.75 per prescription  
Dispensing Fee -- (included in Administrative Service Fee)

**NOW THEREFORE**

BE IT RESOLVED, That the contract for the program of providing PPO pharmacy services (in addition to the Hospitals Clinic Pharmacy) to eligible Columbus campus faculty and staff be awarded for a one-year period beginning July 1, 1991, with the pricing, fees, and performance of the provider to be reviewed on July 1, 1992, and annually thereafter.

Upon motion of Mr. Shumate, seconded by Mr. Celeste, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**Mr. Stoffel:**

This resolution is to give the University authorization to proceed under Senate Bill 3. This bill was just enacted and passed by the Legislature and signed by the Governor on April 17. It provides employees of the State with compensation for the time that they were called up as a result of Desert Storm/Desert Shield Operation. The provision calls for a number of benefits which the University already moved on. You may recall several months ago, this Board acted upon a resolution for the fee program and we had extended, as a part of our normal leave policy, the medical care benefits which really complied with this act.

The last part of this is the pay part. Senate Bill 3 provides pay for the individual while they were on call as a result of this national emergency. A pay differential from what their military was and what they would have been paid from the University -- up to \$500.00 per month. So if their military pay was \$1,000 less than their pay while they were here at the University, they can be paid up to \$500.00 under Senate Bill 3.

So what we are asking for is approval to implement this for faculty and staff at the University. There are approximately 44 employees that we are aware of that would qualify under this right now. We are really unable to calculate the costs right now because we don't know what these people earned while they were on duty. However, if you were to look at these 44 people and say they were gone approximately 6 months and they were all entitled to the \$500.00 each month, we are talking about roughly \$132,000.00 that the University would have to pay out.

**Ms. Casto:**

How did we handle the pay situation?

**Mr. Stoffel:**

They were provided up to 31 days of military leave with full pay when they were called up, and then were on a no pay status at the University while they were gone. They were on a military leave of absence, but with no pay. The only pay they would have had was their military pay. The Legislators passed this to help them during a period of time they were not receiving any pay.

June 7, 1991 meeting, Board of Trustees

Ms. Casto:

And where would these funds come from?

Mr. Stoffel:

The departments would be charged directly for these amounts inasmuch as they were allowed to keep the cash during that period of time the individual was not drawing any pay. That money was not taken away from departments, so this will be charged and it will be, obviously, less than their salaries.

Ms. Casto:

If there weren't any cases where they had to be replaced?

Mr. Stoffel:

Yes, that is correct.

#### **MILITARY RESERVISTS CALLED TO EXTENDED ACTIVE DUTY**

Resolution No. 91-140

Synopsis: The Fiscal Affairs Committee recommended the implementation of specified pay differential provisions as set forth in Senate Bill 3 of the Ohio General Assembly for military reservists called to extended active duty as members of the Desert Shield/Desert Storm military contingent.

WHEREAS the University supports the Nation's decision to undertake the Desert Shield/Desert Storm military operation pursuant to the relevant United Nations resolution; and

WHEREAS some members of our faculty and staff who are military reservists were called to active duty as part of the force structure of operation Desert Storm/Desert Shield; and

WHEREAS the Board of Trustees has passed a prior resolution which allows the continuation of the Dependent Fee Authorization benefit eligibility for dependents of faculty and staff called to extended active duty; and

WHEREAS the General Assembly has passed legislation in the form of Senate Bill 3, signed by the Governor on April 17, 1991, which prescribes a pay differential for state employees up to \$500.00 per month while on extended active duty (over 31 days) due to an Act of Congress or Executive Order of the President; and continuation of health benefits at the same cost and coverage conditions as if still actively employed; and, Ohio retirement system service credit and other important issues. The pay differential is to be applied retroactively to September 1, 1990:

NOW THEREFORE

BE IT RESOLVED, That the Associate Vice President for Human Resources is authorized to implement the aforementioned pay differential and benefits actions and other such actions as consistent with Senate Bill 3.

Upon motion of Mr. Shumate, seconded by Mr. Wexner, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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Mr. Stoffel:

As you may recall, last year because of favorable experience in the University's medical care programs we were able to implement, at your approval, two premium holidays, one in September 1990 and December 1990. Our experience this year continues to be favorable. Our medical care costs are still going up, but we have been able to reduce the rate of increase during the last couple of years as a result of the many cost containment features that we have built into our program, including the cost sharing.

It is estimated that our current insurance reserve will be approximately \$15 million at the end of the year. Industry standards suggest that you have in reserve approximately 25 percent of what your total claims projections are for a year, for claims lag and future payouts. That would result in a necessary amount of \$11.5 million, leaving us with about \$3.5 million of excess.

To bring those figures in line with the figures in July, another premium holiday would result in about a \$3.8 million reduction in the insurance reserve. Of that \$3.8 million, about 19 percent of that -- since that is the faculty and staff's share -- would be kept by faculty and staff because no contribution would be made. The balance would be available to the University. The split for instruction and general to non-instruction and general is about 46 or 47 percent instruction and general, and 54 percent non-instruction and general funds.

Ms. Casto:

What is that total again after the premium holiday?

Mr. Stoffel:

The premium holiday will result in about a \$3.8 million reduction in the reserve. This amounts to one month's premium in our medical insurance program. The total reserve would be about \$11.5 million after that reduction.

Mr. Scott:

One of the things that is important for this committee to remember is that when you have individual employees contributing to a plan and there are excess premiums, you really can't do anything with that money except give it back to them. You can't argue that we can take this and do something else with it.

One other point, Mr. Chairman, is that we are committed to a program the Board approved three years ago. And that is that if we did generate a surplus based on cost containment and utilization factors and whatever else we instituted, we would indeed give the money back to the people. And this seems, based on recommendations from the President and Bill Shkurti, an auspicious time to do it in light of what we are possibly facing with other components of our annual raise consideration.

Mr. Barone:

I think it is good labor relations having an incentive program.

June 7, 1991 meeting, Board of Trustees

Mr. Teaford:

This will be, I believe, the third holiday in a one-year span.

Mr. Barone:

They've earned it, they should get it.

Mr. Shumate:

I agree. And you are comfortable with the industry standard as an appropriate figure for us to utilize?

Mr. Stoffel:

Yes, we are very comfortable.

#### PREMIUM HOLIDAY

Resolution No. 91-141

Synopsis: The Fiscal Affairs Committee recommended the approval of a health care premium holiday for the month of July.

WHEREAS as a result of favorable financial experience in the University's medical care program the Board of Trustees has previously approved a premium holiday for the months of September 1990 and December 1990; and

WHEREAS the recent reversal in medical care cost escalation continues to hold firm; and

WHEREAS it is estimated that should the current trend continue the University's health care insurance reserve will still be somewhat in excess of standard industry requirements:

NOW THEREFORE

BE IT RESOLVED, That in accordance with the recommendation of President Gee, the Associate Vice President for Human Resources is hereby authorized and directed to implement a health care premium holiday for the month of July 1991.

Upon motion of Mr. Shumate, seconded by Mr. Celeste, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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Mr. Shkurti:

Normally the June meeting is when the Board of Trustees is asked to approve the budget for the coming fiscal year, which will be fiscal year 1992. We do not have the budget at this time. We are facing an unusually high degree of uncertainty on the State level because of the level of State support which is our single largest source of income. We do hope to have a budget to you for the July 12 meeting, but the problem is that the current budget you approved expires on June 30. So as a result, we are asking you to authorize spending to continue up to current levels until the new budget is passed, which will hopefully be for only about two weeks in July.

June 7, 1991 meeting, Board of Trustees

Mr. Shkurti: (contd)

The one thing I would stress is that this is not an invitation to our departments to continue spending with business as usual. They have all been informed to expect cuts of somewhere between 3, 5, and 7 percent. Believe me, they have received that message and are monitoring funds closely.

The purpose of this resolution is to give us the authority to pay bills and to continue to function for two weeks while we are waiting for the Legislature to finish its action and while we prepare the budget for the next Board meeting.

Mr. Teaford:

While Bill said the usual procedures are done in June, in my experience we have only done it once in eight years in June. This crunch is not a unique circumstance.

**EXPENDITURE AUTHORIZATION 1991-1992**

Resolution No. 91-142

Synopsis: The Fiscal Affairs Committee recommended the authorization to make expenditures in 1991-1992.

WHEREAS levels of State financial support for 91-92 have not yet been established; and

WHEREAS it is prudent to defer decisions concerning salary levels, fee levels, and other expenditures until the General Assembly has adopted an appropriations bill determining State support; and

WHEREAS it is necessary to continue making various expenditures, including payment of faculty and staff, prior to the time that a Current Funds Budget for 91-92 is adopted:

NOW THEREFORE

BE IT RESOLVED, That the University be authorized to make expenditures consistent with those levels contained in the Third Quarter Report of Fiscal Year 1990-91 until the Current Funds Budget for 1991-92 is adopted; and

BE IT FURTHER RESOLVED, That within one week following the passage of a State appropriations bill, the President will present the Administration's recommendation for a Current Funds Budget for 1991-92 to the Board of Trustees.

Upon motion of Mr. Shumate, seconded by Mr. Kessler, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix LXXXIV for chart on The Ohio State University 1991-92 Provisional Current Funds Budget, page 1363.)

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## CAPITAL REQUEST

Mr. Shkurti:

Mr. Chairman, the Capital Request is the University's request to the State, which goes through the Ohio Board of Regents for the two years beginning July 1, 1992. The reason that we are doing this so early is that it has to go to the Board of Regents and through their process first, and then hopefully the Legislature will act on this at about this time next year.

The written material you have in front of you entitled, "Board of Trustees Briefing Capital Plan(s)" is almost identical to the Briefing material that you received for the May meeting. What I would like to do is to update you on what has happened in the University process since then, and then offer the opportunity for you to ask any questions that you might have.

First, let me talk about the process. The way the capital process works here at the University is that the departments and colleges are invited to submit their requests through their respective vice presidents to the Director of Campus Planning. Campus Planning assembles all of this, reviews it, and recommendations are presented to the Space and Facilities Committee, which consists of representatives from the Provost's Office and the Offices of Finance, Research, and Business and Administration. They then evaluate these proposals, rank them, and set them within the overall parameters of what is available. This is then reviewed by the Planning Council which consists of the Vice Presidents from the four areas that I mentioned earlier, plus Mr. Scott. Then the recommendation is made to the President, and the recommendation that he approves is a summary of what is before you today.

Now the materials included in the first part are Selected Master Plan Concepts and the Academic Planning Goals and Mission Elements summarized from President Gee's October speech. This gives you some context as to the type of criteria that are used in evaluating these requests. The second part of this is a summary of the priority listing of all of the projects and dollar amounts. Also, attached is a separate sheet of paper which shows the locations of all of these various projects superimposed on a campus map. What I would like to talk about today in little more detail is not necessarily the details of the projects, although I will be glad to go into any of those that you would like to see, but rather the policy implications of the requests that are before you.

The first and most important policy implication involves the size and nature of the requests. The issue is always how much money should we ask the State for. Obviously, we want to ask for more than we think we might get, because if they get generous we want to be able to have some projects lined up. On the other hand, what has happened, and you will notice this on the summary of the amounts, two years ago we asked for \$158 million. We received \$93 million in the first biennium, but only \$65 million of that were projects that we asked for. The other projects were done at the initiative of the Legislature and others who communicate with the Legislature.

Mr. Teaford:

The Lantern had a story about how we were spending all of this money on AmeriFlora. This was a very inaccurate story, because we were commanded by the Legislature to spend all of that money.

**CAPITAL REQUEST (contd)**

Mr. Shkurti:

That is exactly right. The Lantern is a learning laboratory and hopefully they will learn from that.

The problem we run into is that if the list is too big, the way the campus bureaucracy works is that everyone assumes that project is funded. So even if we don't get State funding, the constituencies build on campus and we get backed into projects that may not be as high of a priority as another.

This year's capital request is a little different in that it is more modest than the one two years ago. The total amount is \$96 million, which if the State were to fund it in its entirety, we would be extremely delighted. But we don't think we would get much more than that. It is a more realistic request, but I think it also is a more manageable request, in terms of what the campus' priorities really are.

The second policy implication is that some funds are identified as local funds. That means funds coming out of the University's own general funds or other accounts, not State Capital funds. You will see in a number of cases that this is used to fund planning money for projects that we will later ask the State for. The purpose of using local funds, in the case of planning money, is to get a leg up on the process that has to go on before the building can be started and to take some time and reduce delays in getting some of these desperately needed facilities up and running. In addition, we like to use local resources to leverage more State resources whenever that is possible.

The third thing I would like to mention, in terms of substance, is what changes occurred in the list that you received at the May meeting and this list, as the list went up through the various campus review processes, particularly by the Vice Presidents and the President. The most significant change that was made by the Planning Council at the Vice Presidential level was to raise the Waste Management Storage Facility on the priority level. On the first list you received it had been at a lower level. Now it has been moved up to about the middle of the list. The feeling was, and I concur, that although this tends to be a rather unglamorous sounding facility it is a very important one, because we have to have somewhere to put the waste that we generate in our laboratories. That was really the only substantive change made by the Planning Council. In moving the Waste Materials Storage Facility up, the Bricker Hall Mechanical Renovations were moved down, correspondingly. Speaking as someone who had an office that didn't have air conditioning for two weeks during the heat wave, I can testify to the need for mechanical improvements in Bricker Hall, but I would not want to let my comfort come ahead of disposing of wastes at the University.

The second policy implication of changes went up through the system and when the President reviewed this he asked a lot of questions. He did not change anything on the priority list, but he stressed to all of us involved in the capital process how important it was to him that the new building for the Business College move on a relatively fast track. You will see planning money in there for it, although not money for the authorization. Any of you who have had the opportunity to visit Hagerty Hall know how important it is. I once taught a class in Hagerty where part of the ceiling came down while I was teaching. It is very important to the new Business Dean that we get a new building up as soon as possible. Now fast, in terms of capital projects,

**CAPITAL REQUEST (contd)**

Mr. Shkurti: (contd)

means as much as five years, but the Business Dean understands that. And five years is better than 15 years. So we are trying to move that along.

The other thing that I would like to talk about in a little bit of detail is the relationship of the decisions implied in this list to the longer range planning and capital issues. Many of these decisions point in a direction toward resolving some of those longer range issues and I think it is important for you to know what those are.

The first one is the location of the new Business Building. The first priority even before the Planning Funds are appropriated is to decide where to put it. We are looking at a variety of alternatives and hopefully that decision or those recommendations will be reviewed over the next couple of months and the Board will be consulted and informed on those. But, obviously, where we put the Business Building is a major decision.

Mr. Teaford:

The list implies that we have made a decision as to where the Business Building will be located, because it tells us here where it will be located. But you are saying that is still up in the air?

Mr. Shkurti:

Mr. Teaford, you will have to share with me where you see where the building will be located.

Mr. Teaford:

Under Student Activities Center "this project would begin planning for a new student activity center, if the College of Business is relocated to the Ohio Union."

Mr. Shkurti:

The key word is "if" -- there are a number of alternatives. At the forefront for the location of the new Business Building would be either an extension onto Hagerly Hall, right behind it, or a remodeling or replacement of the Ohio Union. And I have to stress "or." There are pros and cons on both of those, no decision has been made as to which one because there are implications to both. But I think the key word is "if."

The second item is classroom space in terms of longer term priorities. You will notice there is reference to an instructional academic building of \$20.4 million. There is a crying need for classroom space on Central Campus. There are a couple of reasons for that: 1) is that we have moved more students back to Central Campus from West Campus in recent years; and 2) the internal workings of the University bureaucracy tend to gobble up classroom space for offices. It shouldn't, but it has happened and we are trying to get a handle on that. I think with the stress on undergraduate education it is important that we have good classroom space. The innovative feature of this building is that buildings used to be built and classrooms assigned to a certain department. And whether that department's enrollment went up or down they tended to develop a proprietary interest in that space. By building

**CAPITAL REQUEST (contd)**

Mr. Shkurti: (contd)

this building with the intention of making it classroom space, we think we can better adapt to enrollment changes and preserve it for classroom space and not have it used for other needs.

The other thing that is important about this building is the location on Neil Avenue. And the implication is that a corridor of classroom space is starting to develop along Neil Avenue in the center of campus. So this tends to cluster the classroom space in that area, the center of campus, which I would argue is a good place to have your classroom space.

Mr. Teaford:

So, this is no college's building?

Mr. Shkurti:

That is correct. This belongs to all of the students.

The third issue on the long-range issue list is the use of Lord Hall for a new physical sciences complex. You will notice that there are planning dollars for a Physical Sciences Research Building. Now that has to be looked at in terms of the pros and cons, but the intent would be to put the research building for physics on the Lord Hall site and to keep the sciences (Physics, Chemistry, Math), those physical sciences together in that corner of the campus.

The fourth issue, Mr. Chairman, is the one you raised and that is the issue of a student activities center. For students, obviously if the decision is made to use the Ohio Union for a new Business College, the question is where do we put the student services. And one option is to move student services into a more centralized location on campus and this planning money allows us to evaluate the pros and cons of those decisions.

The fifth and sixth issues on the longer range issue list are the location and scope of the Visitor's Center and the location and funding of a new library. Nothing in this request impinges directly on those. The one thing that I will say about the new library is that will be the mother of all capital projects, because the range of cost estimates is somewhere between \$70-\$90 million which will be our whole capital bill. So, obviously, we will need a new library at some point. There are a number of issues involved in how big it is, where it is, and how we face that in. There is no way we can fund that in one capital bill, so that will be more down the road and this capital budget does not directly effect that.

Before I answer any specific questions about the projects, I would like to introduce Dave Marsh. Dave is Associate Vice President and Director of Campus Planning and has been very involved in the planning process. He has been responsible for putting this list together and preparing the maps that you have. In cases where you might have a question about a specific project that is very detailed, I am sure Dave would be glad to respond to those questions. Let me stop at this point and ask if there are any questions from the members of the Board that I may attempt to answer.

**CAPITAL REQUESTS (contd)**

Mr. Shumate:

Thank you, Bill, for an excellent report. I want to point out that in talking with Joel about his goals and directions for the Fiscal Affairs Committee, we want the Board at each of our meetings to focus upon the policy implications of the various decisions that we make regarding our buildings and our property acquisitions, over and above the specific necessary decisions that we make each week. And in talking with Bill, I did ask that he focus on the long-range implications of these decisions, as well as focusing on the policy basis by which this list is developed, so that we can begin that process of strategic planning that the Board has been focused on. Thank you, Bill, for laying a good policy foundation. If there are any questions, or Joel, if you want to add anything feel free.

Mr. Teaford:

The only thing that I would add is that by the next time we have a capital plan, instead of having the statements from the President's speech we will, by that point, have the goals and so forth of the University set in place. Those will be, of course, the way the Board will be able to judge whether projects are appropriate and it is a good spending of money.

In my experience, the Regents have their theme for the capital plan every time. There are some areas in which they have decided monies should be spent. The lovely topic of asbestos removal is one of them. Do we anticipate something like that would interfere with where we really want to spend money?

Mr. Shkurti:

It also has been my experience that the Regents have a theme, and also sometimes the Legislature has a theme which is usually different. I have not received anything in writing from the Regents. I think they're more worried about their operating budget right now. They have always emphasized rehabilitation and taking care of the buildings that you have, and you will notice that many of these are phases of rehab. They also encourage research in the sciences and a number of these are research and laboratory facilities. The Regents have also been very supportive in making sure we take care of the academic needs of the students and that is another priority in this request. So, I think that we will be consistent with whatever theme they eventually come out with. The Legislature on the other hand is a more difficult prediction.

Mr. Shumate:

Bill, can you review, again, the expected phases and time frames from this point on?

Mr. Shkurti:

What will happen next is that within the next week this request is due to the Ohio Board of Regents and we will have it sent in at that time. They are also making a site visit within the next week or two to meet the people and view the campus. They will go through their process of reviewing this probably for the next 6-9 months and will present it to their Board for review. They will let us know also which of our projects they're recommending to go forward. In early fall the Office of Budget Management for the State will receive requests from all State agencies, including the Board of Regents, as to their priorities. The Office of Budget Management often

June 7, 1991 meeting, Board of Trustees

**CAPITAL REQUESTS (contd)**

Mr. Shkurti: (contd)

cuts back on what the various agencies ask for and then makes recommendations to the Governor. From that, the Governor will make a recommendation to the Legislature, which usually merges anytime between January and March. What has happened in the past eight years is that the Governor and Legislative leaders have tried to get together before the Governor introduces his capital proposal to reach an agreement. So that once the bill was introduced, it moved pretty quickly and there usually weren't any amendments. I don't know whether the new Governor will want to do that with the Legislative leaders or not. We are going to have to wait and see. But the Legislature will hold hearings early in 1992 at some point, and pass the bill, hopefully, so it will become effective on July 1, 1992. We will also provide testimony and bird dog this the whole way through.

Mr. Teaford:

And we don't necessarily stick with what the Regents assign to us.

Mr. Shkurti:

No. Normally the Regents are very conscious of the priorities of the universities. But if they don't, the right to petition one's elective officials is guaranteed in the Constitution and we will exercise that right.

Ms. Casto:

The Parking Garage Expansion (12th Avenue) -- am I understanding it correctly -- that usually parking pays for itself? If they have an addition, they will absorb the costs of this?

Mr. Shkurti:

That is correct.

Ms. Casto:

And the cost of putting the building on top of the Life Sciences Research Building is \$6 million?

Mr. Shkurti:

The \$6 million is the parking garage itself. The Life Sciences Research Building is \$1.6 million, and we hope one-half of that to be our funds and one-half of that would be State funds.

Ms. Casto:

So, this is not the Life Sciences Research Building?

June 7, 1991 meeting, Board of Trustees

**CAPITAL REQUESTS (contd)**

Mr. Shkurti:

No. The Parking Garage Expansion is less expensive. The other thing that is important is that we have to get the garage built before we put stuff on top of it. So that is why you have the full amount for the garage, but only the planning money for the Life Sciences Research Building.

Mr. Teaford:

My understanding, too, is that is getting fast tracked. And the way that we will actually pay for that is by bonding, I presume?

Mr. Shkurti:

All of the large capital projects are bonded one way or another, either by the State or by us.

(See Appendix LXXXV for complete text of Board of Trustees Briefing Capital Plan(s), page 1365.)

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**AUTHORIZATION FOR DESIGNATED OFFICIALS TO BUY, SELL, ASSIGN  
AND TRANSFER SECURITIES, TO DEPOSIT OR WITHDRAW FUNDS  
FROM BANK ACCOUNTS, AND TO DESIGNATE DEPOSITORIES**

Resolution No. 91-143

Synopsis: The Fiscal Affairs Committee recommended authorization for designated officials to buy, sell, assign and transfer securities, to deposit or withdraw funds from bank accounts, and to designated depositories.

WHEREAS designated officials of the University buy, sell, assign and transfer stocks, bonds and other financial instruments owned by The Ohio State University; and

WHEREAS various financial institutions are designated as depositories for The Ohio State University; and

WHEREAS accounts at various financial institutions are opened and maintained in the name of The Ohio State University:

NOW THEREFORE

BE IT RESOLVED, That the Vice President for Business and Administration and/or the Treasurer be authorized and empowered to buy, sell, assign and transfer any and all stocks, bonds, evidences of interest and/or indebtedness, rights and options to acquire or to sell the same, and all other securities corporate or otherwise, standing in the name of or belonging to The Ohio State University in any capacity; and

BE IT FURTHER RESOLVED, That the Vice President for Business and Administration and/or Treasurer be authorized and empowered to designate various financial institutions as depositories for The Ohio State University and open and maintain accounts at various financial institutions in the name of The Ohio State University; and

**AUTHORIZATION FOR DESIGNATED OFFICIALS TO BUY, SELL, ASSIGN  
AND TRANSFER SECURITIES, TO DEPOSIT OR WITHDRAW FUNDS  
FROM BANK ACCOUNTS, AND TO DESIGNATE DEPOSITORIES (contd)**

BE IT FURTHER RESOLVED, That the Vice President for Business and Administration and/or the Treasurer be authorized, on behalf of The Ohio State University and in its name, to sign checks, drafts, notes, bills of exchange, acceptances or other orders for the payment of money from said accounts; to endorse in writing or by stamp checks, notes, bills, certificates of deposit or other instruments owned or held by this University for deposit in said accounts or for collection or discount by said banks; to accept drafts, acceptances, and other instruments payable to said banks; to waive, demand, protest, file notice of protest, or dishonor any check, note, bill, draft or other instrument made, drawn or endorsed by the University; and

BE IT FURTHER RESOLVED, That the Vice President for Business and Administration and/or the Treasurer be authorized to designate appropriate University officials to act on their behalf to execute these transactions.

Upon motion of Mr. Shumate, seconded by Mr. Celeste, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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Dr. Tzagournis:

Mr. Chairman and members of the Board, I am here to simply give you a very brief background on our request to establish an oversight committee for the Cancer Hospital and Research Institute.

As most of you know, the Cancer Hospital has been open since July 1990, and has been in operation and has started up most of its activities. You have had very able leadership in Mr. Barone serving as your liaison person for the Board and he has reported on a fairly regular basis to this Board. However, it is now time, we think, to have an oversight committee to look more closely at quality care issues, the operations in general, the research activities, and many of the other responsibilities that go with an oversight committee.

As you might recall, the James Cancer Hospital was organized in a slightly different fashion than the rest of University Hospitals. The purposes of the Cancer Hospital were for efficiency, emphasis on specialization, and simply for trying to get a critical mass of people together who were working on a single disease entity. We also were successful in getting a DRG exemption which required us to be a comprehensive cancer center, to treat primarily cancer patients in that hospital, and to have a hospital that is not a part or a wing of an established general hospital. For those reasons and in accordance with suggestions by the Joint Commission on Accreditation of Health Care Organizations, we are establishing an oversight committee with various representation, which appears to be close to an ideal oversight committee.

I would be happy to answer any questions.

June 7, 1991 meeting, Board of Trustees

Mr. Teaford:

I would like to point out, too, that this Board is the Board of the James Cancer Hospital, in accordance to the way it was set up. Therefore, we are establishing an oversight committee of this Board to be closer guardians of that and this is something that the Joint Commission, indeed, said was necessary for future accreditations.

I would also like to point out that in "paragraph 2" the things we do, indeed, expect this committee to do. I also asked that paragraph D be added to it, because we constantly need to monitor whether we are saving money by having it freestanding. Since we obviously pay a price for it being freestanding, we hope it is totally, and offset by the DRG exemption. But I think we always want to check and make sure that is true.

Dr. Tzagournis:

I agree.

Ms. Casto:

Wasn't this also a recommendation by a consulting firm?

Mr. Fraley:

Yes, a consulting firm which is doing the long-term strategic planning, did look at this oversight committee and its makeup and has recommended it also.

Mr. Barone:

Over a year ago, when I was appointed an officer, we discussed the feasibility and the advantages that would be obtained by having an oversight committee. I think this is very essential and necessary.

**BOARD OF TRUSTEES OVERSIGHT COMMITTEE FOR  
THE ARTHUR G. JAMES CANCER HOSPITAL AND RESEARCH INSTITUTE**

Resolution No. 91-144

Synopsis: The Fiscal Affairs Committee recommended the approval to establish an oversight committee, and the appointment of committee members, for The Arthur G. James Cancer Hospital and Research Institute.

WHEREAS The Arthur G. James Cancer Hospital and Research Institute admitted its first patients in July 1990 and now is fully operational; and

WHEREAS in June 1990 the Board of Trustees established the position of Trustee Liaison to the James Cancer Hospital during its initial phase of operations; and

WHEREAS the Trustee Liaison position has been very helpful and the Board now desires to more formally organize oversight of this unique, interdisciplinary clinical and research facility to provide continuing involvement and support by this Board for the mission and operation of The James Cancer Hospital and Research Institute:

June 7, 1991 meeting, Board of Trustees

**BOARD OF TRUSTEES OVERSIGHT COMMITTEE FOR  
THE ARTHUR G. JAMES CANCER HOSPITAL AND RESEARCH INSTITUTE (contd)**

NOW THEREFORE

BE IT RESOLVED, That the Board of Trustees hereby establishes, as a committee of this Board, The Arthur G. James Cancer Hospital and Research Institute Oversight Committee and approves the attached Policy Statement regarding the Committee's membership and operation; and

BE IT FURTHER RESOLVED, That the following individuals be appointed as members of the Committee for 1991-92.

John W. Kessler, Chair  
John J. Barone  
David E. Schuller, M.D.  
R. Reed Fraley  
Henry G. Cramblett, M.D.

Upon motion of Mr. Shumate, seconded by Mr. Kessler, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix LXXXVI for background material, page 1371.)

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Mr. Teaford:

When we first offered the position of president to President Gee he indicated that it was important to him that a process be setup whereby he would be evaluated on a regular basis. And you have a resolution before you setting up that evaluation process through the Personnel Committee of this Board. Are there any questions about that process as outlined in your book?

**EVALUATION PROCESS OF PRESIDENT**

Resolution No. 91-145

WHEREAS in the course of University governance, the Board of Trustees is entrusted with the responsibility for assessing the performance of the University's chief executive officer; and

WHEREAS to facilitate this process, the general mission of the President has been defined based on the goals set forth by the Board at the beginning of the Presidential search process; and

WHEREAS criteria for evaluation have been derived from this mission statement which will allow assessment of the President's progress; and

WHEREAS the President will be expected to annually set forth other institutional goals and objectives that he will undertake:

NOW THEREFORE

June 7, 1991 meeting, Board of Trustees

**EVALUATION PROCESS OF PRESIDENT (contd)**

BE IT RESOLVED, That the first evaluation period for President Gee covers the period of September 1, 1990, through June 30, 1991, and annually thereafter through year four. The evaluations will be conducted informally. To initialize this process the President will provide annually a self-evaluation statement of his accomplishments to the Personnel Committee of the Board of Trustees who will review the statement and provide comments relative to the President's achievements and directions for the future; and

BE IT FURTHER RESOLVED, That a comprehensive evaluation will be conducted to coincide with the conclusion of President Gee's fifth year in office. The process will be similar to that of the informal review, but will include a wider group of commentators. The self-evaluation will again be completed but only made available to Board of Trustee members. Those asked to participate may include individual trustees, selected institutional leaders, governmental leaders and others as may be determined by the Board.

Upon motion of Mr. Wexner, seconded by Mr. Shumate, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO**

Resolution No. 91-146

RESOLVED, That the report on the University's Investment Portfolio, dated May 17, 1991, as submitted to the Fiscal Affairs Committee of the Board of Trustees, be received and filed with the official records of the Board.

(See Appendix LXXXVII for complete context of The Ohio State University Endowment Summary, May 17, 1991, page 1373.)

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Mr. Teaford:

I would like to point out to those of you in the audience that you will find this year that a great deal of the work of this Board will be done in the committees and that this meeting will often be as perfunctory as it appeared to be today.

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Thereupon the Board adjourned to meet Friday, July 12, 1991, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio.

Attest:

Madison H. Scott  
Secretary

Hamilton J. Teaford  
Chairman

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**APPENDIX LXXX**

**WAIVERS OF COMPETITIVE BIDDING REQUIREMENTS  
JANUARY - MARCH 1991**

**Adopted by the Board of Trustees, June 7, 1991  
(See page 1308)**

Waivers of Competitive Bidding Requirements  
January - March, 1991

<u>Category</u>	<u>Total</u>	<u>Sole Source</u>	<u>Emergency</u>	<u>Sufficient Economic Reason</u>
Hospitals - Professional Health Care Services	\$514,500 (5)	\$439,500 (4)	-----	\$ 75,000 (1)
Hospitals - Equipment and Services	\$266,431 (8)	\$266,431 (8)	-----	-----
Instructional and Research Equipment and Services	\$279,145 (13)	\$167,355 (8)	-----	\$ 111,790 (5)
Administrative Support Equipment and Services	\$342,236 (3)	\$342,236 (3)	-----	-----
Artists and Exhibitions	\$162,801 (6)	\$162,801 (6)	-----	-----
Conference Facilities	\$ 40,750 (2)	\$ 25,000 (1)	-----	\$15,750 (1)
	-----	-----	-----	-----
<b>TOTAL</b>	<b>\$ 1,605,863 (37)</b>	<b>\$ 1,403,323 (30)</b>	-----	<b>\$ 202,540 (7)</b>

Office of Business and Administration  
June 7, 1991

**APPENDIX LXXXI**

**STARLING-LOVING - CONTINUING MEDICAL EDUCATION RENOVATION**

**Adopted by the Board of Trustees, June 7, 1991  
(See page 1309)**

**Employment of Architects/Engineers and  
Request for Construction Bids**

Background

Starling-Loving - Continuing Medical Education Renovation

This project will renovate the 3,510 gross square feet existing Continuing Medical Education suite located on the fourth floor of Starling-Loving Hall. The renovation will include relocation and consolidation of one broadcast studio contiguous with the second broadcast studio, new lighting, new HVAC system, and upgrade and restoration of interior finishes for the suite.

**APPENDIX LXXXII**

**DENNEY HALL - RELOCATION OF ARTS AND SCIENCES HONORS PROGRAM  
MECHANICAL IMPROVEMENTS (EVANS LABORATORY)  
19TH AVENUE (NEIL TO COLLEGE) - ROAD RESURFACING  
MCCAMPBELL HALL - NEW DIABETES AND ATHEROSCLEROSIS OUTPATIENT CLINIC  
1501 NEIL AVENUE RENOVATION  
DODD HALL INTERFACE, PHASE II  
DODD HALL HVAC SYSTEM MODIFICATIONS, PHASE II  
MORRILL AND LINCOLN TOWERS RESIDENCE HALLS UPGRADE TREATMENT - PHASE II**

**Adopted by the Board of Trustees, June 7, 1991  
(See page 1311)**

**Report of Award of Contracts and  
Establishment of Contingency Funds**

Background

(\* Recommended alternates included in these figures.)

Denney Hall - Relocation of Arts and Sciences Honors Program

This project will remodel two existing classrooms, rooms 208 and 212, to provide six offices and a reception area for the Arts and Sciences Honors Program, currently housed in inadequate space in the basement of Denney Hall. The total project cost is \$84,470.00; funding is provided from House Bill 808. The estimated completion date is September 1991. The contracts awarded are as follows:

General Contract:	Waller and Lund, Columbus, Ohio
Amount:	\$40,600.00 *
Estimate:	\$43,180.00 *
HVAC Contract:	Martina Metal, Columbus, Ohio
Amount:	\$12,900.00
Estimate:	\$12,783.00
Electric Contract:	Power National Corporation, Carroll, Ohio
Amount:	\$13,337.00
Estimate:	\$17,678.00
Total All Contracts:	\$66,837.00 *
Contingency Allowance:	\$ 5,346.00 (8% of construction cost)
Total Project Cost:	\$84,470.00

June 7, 1991

REPORT OF AWARD OF CONTRACTS AND ESTABLISHMENT OF CONTINGENCY FUNDS

DENNEY HALL - RELOCATION OF ARTS AND SCIENCES HONORS PROGRAM

Tabulation of Bids

Bids received by The Ohio State University on March 21, 1991. Bids opened by Tamara Bell and tabulated by Ray Yancsik. Awards indicated with an "\*".

<u>General Contract</u>	<u>Estimate</u>	<u>Wall* &amp; Lund *</u>	<u>Fichter</u>	<u>H. Smith</u>
Base Bid	\$36,880.00	\$36,900.00	\$39,462.00	\$43,828.00
Alt. G-1 (Reception Desk)	3,300.00	2,100.00	2,300.00	1,280.00
Alt. G-2 (Display Unit)	3,000.00	1,600.00	2,200.00	1,280.00
Total General Contract	\$43,180.00	\$40,600.00	\$43,962.00	\$46,388.00
Alternates not taken:				
Alt. G-3 (Ceiling 206)	\$(800.00)	\$800.00	\$(900.00)	\$(150.00)
General Contract - Cont.			<u>Functional</u>	<u>Palco</u>
		<u>GHM</u>	<u>Arfax</u>	<u>Development</u>
Base Bid	\$41,782.00	\$42,785.00	\$44,444.00	\$35,980.00
Alt. G-1 (Reception Desk)	2,568.00	1,882.00	2,390.00	6,500.00
Alt. G-2 (Display Unit)	2,435.00	3,597.00	2,150.00	10,000.00
Total General Contract	\$46,785.00	\$48,244.00	\$48,944.00	\$52,480.00
Alternates not taken:				
Alt. G-3 (Ceiling 206)	\$(800.00)	\$(1,132.00)	\$(285.00)	\$(500.00)
General Contract - Cont.		<u>Brothers</u>		
Base Bid	\$52,985.00			
Alt. G-1 (Reception Desk)	2,400.00			
Alt. G-2 (Display Unit)	2,170.00			
Total General Contract	\$57,555.00			
Alternates not taken:				
Alt. G-3 (Ceiling 206)	.00			
<u>HVAC Contract</u>	<u>Estimate</u>	<u>Martina *</u>	<u>Leoner</u>	
Base Bid	\$12,783.00	\$12,900.00	\$23,000.00	
Total HVAC Contract	\$12,783.00	\$12,900.00	\$23,000.00	
<u>Electric Contract</u>	<u>Estimate</u>	<u>Power</u>	<u>National *</u>	<u>Now</u>
		<u>Cisopett</u>		
Base Bid	\$17,878.00	\$13,337.00	\$15,846.00	\$16,130.00
Total Electric Contract	\$17,878.00	\$13,337.00	\$15,846.00	\$16,130.00
Alternates not taken:				
E-1 (Fluorescent)	\$(1,000.00)	\$(1,000.00)	\$(753.83)	\$(850.00)

<b>Electric Contract - Cont.</b>	<b><u>Advantage</u></b>	<b><u>USA</u></b>	<b><u>Jess Howard</u></b>	<b><u>Romanoff</u></b>
Base Bid	\$16,991.00	\$16,998.00	\$17,300.00	\$23,725.00
Total Electric Contract	\$16,991.00	\$16,998.00	\$17,300.00	\$23,725.00
Alternates not taken:				
E-1 (Fluorescent)	\$(1,128.00)	\$(1,080.00)	\$(1,100.00)	\$(980.00)

**Report of Award of Contracts and  
Establishment of Contingency Funds (contd)**

Background (contd)

Mechanical Improvements (Evans Laboratory)

This project will upgrade the building environments and improve occupants' comfort by providing modifications and/or replacements of building HVAC systems in Evans Laboratory. The total project cost is \$83,110.00; funding is provided from Senate Bill 336. The estimated completion date is December 1991. The contracts awarded are as follows:

General Contract:	Waller & Lund, Columbus, Ohio
Amount:	\$ 8,570.00
Estimate:	\$ 9,000.00
HVAC Contract:	J. A. Guy, Inc., Dublin, Ohio
Amount:	\$63,700.00 *
Estimate:	\$80,500.00 *
Electric Contract:	Power National Corporation, Carroll, Ohio
Amount:	\$ 2,375.00
Estimate:	\$ 4,000.00
Total All Contracts:	\$74,645.00 *
Contingency Allowance:	\$ 5,972.00 (8% of construction cost)
Total Project Cost:	\$83,110.00

June 7, 1991

REPORT OF AWARD OF CONTRACTS AND ESTABLISHMENT OF CONTINGENCY FUNDS

MECHANICAL IMPROVEMENTS - EVANS LABORATORY

Tabulation of Bids

Bids received by The Ohio State University on March 13, 1991. Bids opened by Tamara Bell and tabulated by Ray Yansolk. Awards indicated with an "\*".

<u>General Contract</u>	<u>Estimate</u>	<u>Waller &amp; Lund *</u>	<u>Rohrer</u>	<u>Universal Fabr.</u>
Base Bid	\$9,000.00	\$8,570.00	\$8,977.00	\$9,000.00
Total General Contract	\$9,000.00	\$8,570.00	\$8,977.00	\$9,000.00
<u>HVAC Contract</u>	<u>Estimate</u>	<u>Guy *</u>	<u>Econco</u>	<u>Farber</u>
Base Bid	\$75,500.00	\$55,700.00	\$57,103.00	\$57,700.00
Alt. H-1 (S.S. Tower)	5,000.00	8,000.00	7,920.00	8,400.00
Total Electric Contract	\$80,500.00	\$63,700.00	\$65,023.00	\$66,100.00
HVAC Contract - Cont.	<u>Atlas</u>	<u>Universal Fabricators</u>	<u>Edmonds</u>	
Base Bid	\$59,850.00	\$61,400.00	\$76,500.00	
Alt. H-1 (S.S. Tower)	8,400.00	8,200.00	9,101.00	
Total Electric Contract	\$68,250.00	\$69,600.00	\$85,601.00	
<u>Electric Contract</u>	<u>Estimate</u>	<u>Power National *</u>	<u>Romanoff</u>	<u>Clangett</u>
Base Bid	\$4,000.00	\$2,375.00	\$2,525.00	\$2,995.00
Total Electric Contract	\$4,000.00	\$2,375.00	\$2,252.00	\$2,995.00
Electric Contract - Cont.	<u>Now</u>	<u>Universal Fabr.</u>		
Base Bid	\$3,877.00	\$6,000.00		
Total Electric Contract	\$3,877.00	\$6,000.00		

**Report of Award of Contracts and  
Establishment of Contingency Funds (contd)**

Background (contd)

19th Avenue (Neil to College) - Road Resurfacing

This project will rebuild areas where base has failed and resurface approximately 4,300 square yards of asphalt paving. The total project cost is \$48,355.00; funding is provided from House Bill 808. The estimated completion date is September 1991. The contract awarded is as follows:

General Contract:	Bituminous Paving Systems, Hilliard, Ohio
Amount:	\$43,050.00
Estimate:	\$48,800.00
Total All Contracts:	\$43,050.00
Contingency Allowance:	\$ 3,444.00 (8% of construction cost)
Total Project Cost:	\$48,355.00

June 7, 1991

REPORT OF AWARD OF CONTRACTS AND ESTABLISHMENT OF CONTINGENCY FUNDS

19TH AVENUE (NEIL TO COLLEGE) - ROAD RESURFACING

Tabulation of Bids

Bids received by The Ohio State University on March 12, 1991. Bids opened by Tamara Bell and tabulated by Ray Yancsik. Awards indicated with an "\*".

<u>General Contract</u>	<u>Estimate</u>	<u>Bituminous *</u>	<u>Strawser</u>	<u>Decker</u>
Base Bid	\$48,800.00	\$43,050.00	\$47,453.00	\$53,670.00
Total General Contract	\$48,800.00	\$43,050.00	\$47,453.00	\$53,670.00

**Report of Award of Contracts and  
Establishment of Contingency Funds (contd)**

Background (contd)

McC Campbell Hall - New Diabetes and Atherosclerosis Outpatient Clinic

This project will convert approximately 5,300 square feet of space in rooms 433, 489, 491, 492, and 495 in McC Campbell Hall to house eleven clinical exam rooms, a reception area, nurses' station and janitor's closet. Included in the project are new carpeting, folding partitions, ceiling replacement and finishes, wall finishes, and floor finishes. The total project cost is \$168,125.00; funding is provided from the College of Medicine. The estimated completion date is December 1991. The contracts awarded are as follows:

General Contract:	Paige Construction, Westerville, Ohio
Amount:	\$ 79,300.00
Estimate:	\$129,820.00
Plumbing Contract:	Farber Corp., Columbus, Ohio
Amount:	\$ 12,550.00
Estimate:	\$ 15,000.00
HVAC Contract:	Atlas Mechanical, Columbus, Ohio
Amount:	\$ 15,130.00
Estimate:	\$ 25,000.00
Electric Contract:	Power National Corporation, Carroll, Ohio
Amount:	\$ 18,337.00
Estimate:	\$ 36,000.00
Total All Contracts:	\$125,317.00
Contingency Allowance:	\$ 10,035.32 (8% of construction cost)
Total Project Cost:	\$168,125.00

June 7, 1991

REPORT OF AWARD OF CONTRACTS AND ESTABLISHMENT OF CONTINGENCY FUNDS

McCAMPBELL HALL - NEW DIABETES AND ATHEROSCLEROSIS OUTPATIENT CLINIC

Tabulation of Bids

Bids received by The Ohio State University on April 4, 1991. Bids opened by Tamara Bell and tabulated by Ray Yancsik. Awards indicated with an "\*".

<u>General Contract</u>	<u>Estimate</u>	<u>Paige *</u>	<u>Ed Ross</u>	<u>M &amp; P</u>
Base Bid	\$129,820.00	\$79,300.00	\$81,680.00	\$81,800.00
Total General Contract	\$129,820.00	\$79,300.00	\$81,680.00	\$81,800.00
<u>General Contract - Cont.</u>	<u>Ohio St.</u>	<u>CharmMullett</u>	<u>Roose-</u>	<u>Waller &amp;</u>
Base Bid	\$87,100.00	\$87,846.00	\$89,868.00	\$90,680.00
Total General Contract	\$87,100.00	\$87,846.00	\$89,868.00	\$91,680.00
<u>General Contract - Cont.</u>	<u>Zeliger</u>	<u>Functional</u>	<u>Charter Hill</u>	<u>Southeastern</u>
Base Bid	\$99,700.00	\$104,700.00	\$109,440.00	\$111,800.00
Total General Contract	\$99,700.00	\$104,700.00	\$109,440.00	\$111,800.00
<u>General Contract - Cont.</u>	<u>Machamehl</u>	<u>Brothers</u>		
Base Bid	\$112,037.00	\$120,895.00		
Total General Contract	\$112,037.00	\$120,895.00		
<u>Plumbing Contract</u>	<u>Estimate</u>	<u>Ferber *</u>	<u>Myers</u>	<u>Crosen</u>
Base Bid	\$15,000.00	\$12,550.00	\$13,496.00	\$15,639.00
Total Plumbing Contract	\$15,000.00	\$12,550.00	\$13,496.00	\$15,639.00
<u>Plumbing Contract - Cont.</u>	<u>Leqner</u>	<u>Atlas</u>	<u>Rayco</u>	
Base Bid	\$16,490.00	\$17,200.00	\$17,850.00	
Total Plumbing Contract	\$16,490.00	\$17,200.00	\$17,850.00	
<u>HVAC Contract</u>	<u>Estimate</u>	<u>Atlas *</u>	<u>Martina</u>	<u>Leqner</u>
Base Bid	\$25,000.00	\$15,130.00	\$18,575.00	\$24,215.00
Total HVAC Contract	\$25,000.00	\$15,130.00	\$18,575.00	\$24,215.00
<u>Electric Contract</u>	<u>Estimate</u>	<u>Power National *</u>	<u>Fetter</u>	<u>Jess Howard</u>
Base Bid	\$36,000.00	\$18,337.00	\$21,650.00	\$22,945.00
Total Electric Contract	\$36,000.00	\$18,337.00	\$21,650.00	\$22,945.00
<u>Electric Contract - Cont.</u>	<u>Carroll</u>	<u>Claypool</u>	<u>Romanoff</u>	<u>Clappett</u>

Base Bid	\$24,141.00	\$25,150.00	\$26,250.00	\$26,589.00
Total Electric Contract	\$24,141.00	\$25,150.00	\$26,250.00	\$26,589.00
Electric Contract - Cont.	<u>USA</u>			
Base Bid	\$26,591.00			
Total Electric Contract	\$26,591.00			

**Report of Award of Contracts and  
Establishment of Contingency Funds (contd)**

Background (contd)

1501 Neil Avenue Renovation

This phase of the project will provide parking facilities renovations. The total project cost for this phase of the project is \$459,768.00; funding is provided from Senate Bill 336. The estimated completion date for this phase of the project is September 1991. The contracts awarded are as follows:

General Contract:	Southeastern Industries, Inc., Groveport, Ohio
Amount:	\$139,468.00 *
Estimate:	\$162,500.00 *
Electric Contract:	Righter Company, Columbus, Ohio
Amount:	\$ 19,900.00
Estimate:	\$ 34,500.00
Total All Contracts:	\$159,368.00 *
Contingency Allowance:	\$ 9,562.00 (6% of construction cost)
Total Phase I Project Cost:	\$459,768.00

June 7, 1991

REPORT OF AWARD OF CONTRACTS AND ESTABLISHMENT OF CONTINGENCY FUNDS  
1501 NEIL AVENUE BUILDING PARKING FACILITIES RENOVATION

Tabulation of Bids

Bids received by the State of Ohio, Division of Public Works on February 27, 1991. Bids opened by Elizabeth Foster and tabulated by Yvonne Tabor. Awards indicated with an "\*".

<u>General Contract</u>	<u>Estimate</u>	<u>Southeastern *</u>	<u>Miller</u>	<u>Mid-State</u>
Base Bid	\$158,500.00	\$138,362.00	\$142,741.00	\$144,000.00
Alt. G-1 (Sodding)	4,000.00	1,076.00	1,000.00	1,200.00
Total General Contract	\$162,500.00	\$139,468.00	\$143,741.00	\$145,200.00
Alternates not taken:				
Alt. G-2 (Planting Beds)	\$2,500.00	\$3,645.00	\$3,645.00	\$2,500.00
<u>General Contract - Cont.</u>	<u>Strawser</u>	<u>Machemehl</u>	<u>G &amp; G</u>	<u>Gutknecht</u>
Base Bid	\$146,690.00	\$146,960.00	\$147,134.00	\$154,883.00
Alt. G-1 (Sodding)	\$750.00	1,400.00	1,234.00	\$300.00
Total General Contract	\$147,440.00	\$148,360.00	\$148,368.00	\$155,183.00
Alternates not taken:				
Alt. G-2 (Planting Beds)	\$1,930.00	\$2,600.00	\$2,368.00	\$1,000.00
<u>General Contract - Cont.</u>	<u>Patton</u>	<u>Righter</u>	<u>Martin</u>	<u>Justus</u>
Base Bid	\$155,620.00	\$155,777.00	\$159,700.00	\$162,500.00
Alt. G-1 (Sodding)	400.00	1,100.00	1,400.00	340.00
Total General Contract	\$156,020.00	\$156,877.00	\$161,100.00	\$162,840.00
Alternates not taken:				
Alt. G-2 (Planting Beds)	\$2,000.00	\$1,750.00	\$1,400.00	\$1,970.00
<u>Electric Contract</u>	<u>Estimate</u>	<u>Righter *</u>	<u>Kahis</u>	<u>Claggett</u>
Base Bid	\$34,500.00	\$19,900.00	\$21,780.00	\$21,890.00
Total Electric Contract	\$34,500.00	\$19,900.00	\$21,780.00	\$21,890.00
<u>Electric Contract - Cont.</u>	<u>Advantage</u>	<u>Accurate</u>	<u>Now</u>	<u>Power National</u>
Base Bid	\$22,973.00	\$23,575.00	\$28,436.00	\$28,746.00
Total Electric Contract	\$22,973.00	\$23,575.00	\$28,436.00	\$28,746.00

**Report of Award of Contracts and  
Establishment of Contingency Funds (contd)**

Background (contd)

Dodd Hall Interface, Phase II

This project will continue the work on the third and fourth floors of Dodd Hall to provide patients with private and semi-private rooms, all with private toilets and showers to replace the existing 4-bed wards. All areas of the third and fourth floors, totaling approximately 27,280 square feet, will be remodeled to complement the current activities. The total project cost is \$1,026,114.00; funding is provided from University Hospitals. The estimated completion date is January 1993. The contract awarded is as follows:

General Contract:	Functional Development, Columbus, Ohio
Amount:	\$ 713,900.00
Estimate:	\$1,056,400.00
Total All Contracts:	\$ 713,900.00
Contingency Allowance:	\$ 57,112.10 (8% of construction cost)
Total Project Cost:	\$1,026,114.00

June 7, 1991

REPORT OF AWARD OF CONTRACTS AND ESTABLISHMENT OF CONTINGENCY FUNDS

DOOD HALL INTERFACE, PHASE II

Tabulation of Bids

Bids received by The Ohio State University on March 20, 1991. Bids opened by Tamara Bell and tabulated by Ray Yanscik. Awards indicated with an "\*\*

<u>General Contract</u>	<u>Functional</u>		<u>Adena</u>	<u>Smoot</u>
	<u>Estimate</u>	<u>Development *</u>		
Base Bid	\$1,056,400.00	\$713,900.00	\$796,500.00	\$797,000.00
Total General Contract	\$1,056,400.00	\$713,900.00	\$796,500.00	\$797,000.00
General Contract - Cont.	<u>Gutknecht</u>	<u>Zelner</u>		
Base Bid	\$851,723.00	\$897,000.00		
Total General Contract	\$851,723.00	\$897,000.00		

**Report of Award of Contracts and  
Establishment of Contingency Funds (contd)**

Background (contd)

Dodd Hall HVAC System Modifications, Phase II

This project will continue the modification and upgrade of the HVAC serving all areas on the third and fourth floors of Dodd Hall as part of the work to provide patients with private and semi-private rooms. The total project cost is \$1,275,070.00; funding is provided from University Hospitals. The estimated completion date is January 1993. The contracts awarded are as follows:

Plumbing Contract:	J. A. Croson, Columbus, Ohio
Amount:	\$ 356,879.00
Estimate:	\$ 456,000.00
HVAC Contract:	J. A. Croson, Columbus, Ohio
Amount:	\$ 412,850.00
Estimate:	\$ 400,426.00
Electric Contract:	Buckeye Electric, Dayton, Ohio
Amount:	\$ 397,000.00
Estimate:	\$ 232,600.00
Total All Contracts:	\$1,166,729.00
Contingency Allowance:	\$ 93,340.25 (8% of construction cost)
Total Project Cost:	\$1,275,070.00

June 7, 1991

REPORT OF AWARD OF CONTRACTS AND ESTABLISHMENT OF CONTINGENCY FUNDS

DODD HALL - HVAC SYSTEM MODIFICATIONS, PHASE II

Tabulation of Bids

Bids received by The Ohio State University on March 21, 1991. Bids opened by Tamara Bell and tabulated by Ray Yansick. Awards indicated with an "\*".

<u>Plumbing Contract</u>	<u>Estimate</u>	<u>Croson *</u>	<u>Radico</u>	<u>Meyers</u>
Base Bid	\$456,000.00	\$356,879.00	\$374,300.00	\$407,700.00
Total Plumbing Contract	\$456,000.00	\$356,879.00	\$374,300.00	\$407,700.00
Plumbing Contract - Cont.	<u>JA Guy</u>			
Base Bid	\$417,300.00			
Total Plumbing Contract	\$417,300.00			
<u>HVAC Contract</u>	<u>Estimate</u>	<u>Croson *</u>	<u>Radico</u>	<u>Kirk Williams</u>
Base Bid	\$400,426.00	\$412,850.00	\$452,600.00	\$469,000.00
Total HVAC Contract	\$400,426.00	\$412,850.00	\$452,600.00	\$469,000.00
HVAC Contract - Cont.	<u>Farber</u>	<u>Atlas</u>	<u>JA Guy</u>	
Base Bid	\$489,000.00	\$541,200.00	\$563,700.00	
Total HVAC Contract	\$489,000.00	\$541,200.00	\$563,700.00	
<u>Electric Contract</u>	<u>Estimate</u>	<u>Buckeye *</u>	<u>Royal</u>	<u>Walls-Carroll</u>
Base Bid	\$232,600.00	\$397,000.00	\$417,450.00	\$424,617.00
Total Electric Contract	\$232,600.00	\$397,000.00	\$417,450.00	\$424,617.00
Electric Contract - Cont.	<u>Eastmoor</u>	<u>Romanoff</u>	<u>Jess Howard</u>	<u>Advantage</u>
Base Bid	\$436,373.00	\$515,280.00	\$543,400.00	\$560,897.00
Total Electric Contract	\$436,373.00	\$515,280.00	\$543,400.00	\$560,897.00
Electric Contract - Cont.	<u>Elect Power</u>			
Base Bid	\$590,000.00			
Total Electric Contract	\$590,000.00			

**Report of Award of Contracts and  
Establishment of Contingency Funds (contd)**

Background (contd)

Morrill and Lincoln Towers Residence Halls Upgrade Treatment, Phase II

This phase of the project will repair and upgrade dormitory and auxiliary spaces in Morrill Tower to improve the quality of life and reduce maintenance costs. The total project cost for Phase II is \$2,151,918.00; funding is provided from University bond proceeds. The estimated completion date is June 1992. The contracts awarded are as follows:

General Contract:	Cody Zeigler, Summit Station, Ohio
Amount:	\$1,626,000.00 *
Estimate:	\$2,319,200.00 *
Plumbing Contract:	J. A. Myers, Columbus, Ohio
Amount:	\$ 92,897.00
Estimate:	\$ 121,400.00
HVAC Contract:	J. A. Myers, Columbus, Ohio
Amount:	\$ 42,865.00
Estimate:	\$ 38,500.00
Electric Contract:	Buckeye Electric, Dayton, Ohio
Amount:	\$ 207,485.00
Estimate:	\$ 230,700.00
Total All Contracts:	\$1,969,247.00
Contingency Allowance:	\$ 157,540.04 (8% of construction cost)
Total Project Cost:	\$2,151,918.00

June 7, 1991

REPORT OF AWARD OF CONTRACTS AND ESTABLISHMENT OF CONTINGENCY FUNDS  
MORRILL AND LINCOLN TOWERS RESIDENCE HALLS UPGRADE TREATMENT, PHASE II

Tabulation of Bids

Bids received by The Ohio State University on April 18, 1991. Bids opened by Tamara Bell and tabulated by Ray Yancik. Awards indicated with an "\*".

<u>General Contract</u>	<u>Estimate</u>	<u>Zeigler *</u>	<u>Margin</u>	<u>Functional Development</u>
Base Bid	\$2,301,300.00	\$1,577,000.00	\$1,648,500.00	\$1,769,000.00
Alt. G-1 (Acoustical Tile)	17,900.00	49,000.00	25,500.00	30,000.00
Total General Contract	\$2,319,200.00	\$1,626,000.00	\$1,674,000.00	\$1,799,000.00
General Contract - Cont.	<u>Adena</u>	<u>Justus</u>	<u>Altman</u>	
Base Bid	\$1,796,418.00	\$1,879,300.00	\$1,965,504.00	
Alt. G-1 (Acoustical Tile)	53,000.00	27,600.00	32,440.00	
Total General Contract	\$1,849,418.00	\$1,906,900.00	\$1,997,944.00	
<u>Plumbing Contract</u>	<u>Estimate</u>	<u>JA Myers *</u>	<u>Croson</u>	<u>Farber</u>
Base Bid	\$121,400.00	\$92,897.00	\$118,587.00	\$131,000.00
Total Plumbing Contract	\$121,400.00	\$92,897.00	\$118,587.00	\$131,000.00
Plumbing Contract - Cont.	<u>Radico</u>			
Base Bid	\$132,166.00			
Total Plumbing Contract	\$132,166.00			
<u>HVAC Contract</u>	<u>Estimate</u>	<u>JA Myers *</u>		
Base Bid	\$38,500.00	\$42,865.00		
Total HVAC Contract	\$38,500.00	\$42,865.00		
<u>Electric Contract</u>	<u>Estimate</u>	<u>Buckeye *</u>	<u>Demos</u>	<u>Eastmoor</u>
Base Bid	\$221,100.00	\$198,900.00	\$205,300.00	\$213,400.00
Alt. E-2 (Light Fixtures)	9,800.00	8,585.00	15,500.00	11,995.00
Total Electric Contract	\$230,700.00	\$207,485.00	\$220,800.00	\$225,395.00
Electric Contract - Cont.	<u>Accurate</u>	<u>Advantage</u>	<u>Romanoff</u>	
Base Bid	\$221,629.00	\$223,500.00	\$246,684.00	
Alt. E-2 (Light Fixtures)	8,340.00	10,500.00	8,928.00	
Total Electric Contract	\$229,969.00	\$234,000.00	\$255,612.00	

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**APPENDIX LXXXIII**

**231 WEST TENTH AVENUE  
COLUMBUS, OHIO**

**Adopted by the Board of Trustees, June 7, 1991  
(See page 1312)**

## **Purchase of Real Property**

231 West Tenth Avenue  
Columbus, Ohio

### Background

#### Location and Description

The property consists of a two-story brick residence, with basement, and finished attic, located on approximately 0.15 acre at 231 West Tenth Avenue in Columbus, Ohio. The house, containing about 4,000 square feet (including the attic) was apparently constructed in about 1895 and is in very good condition. It currently is used as a private rooming house for University Hospitals visitors and visiting medical faculty. The property is located within the South Campus acquisition line.

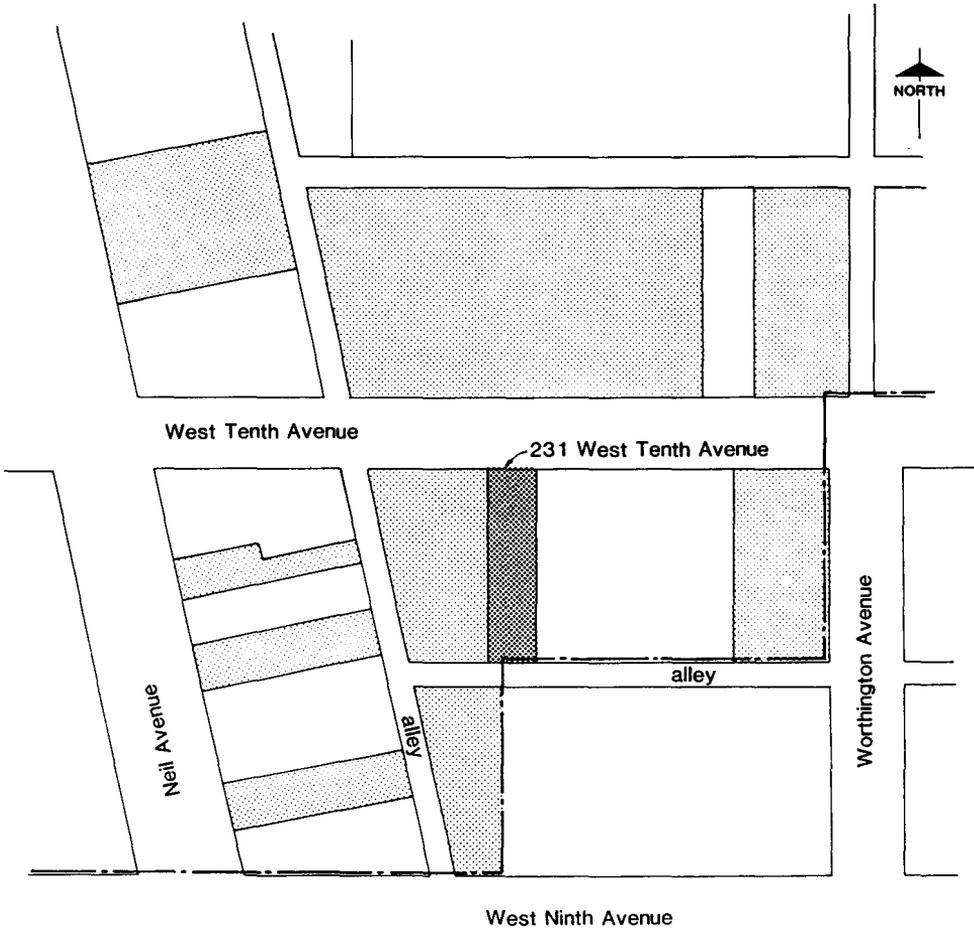
#### Appraisal and Purchase Price

An MAI appraisal by Charles Allen and Associates in May 1991, valued the property at \$138,000.00. The owner, Ms. Ruth Stewart, who lives in the house, has offered to sell the property to the University at a price of \$125,550.00. Funds for the purchase are available from the University's land purchase account.

#### Use of the Property

Title to the property would be taken in the name of the State of Ohio for the use of The Ohio State University. Because the property is located within the Master Plan boundary, acquisition is important for the University's long-range plans for the South Campus area. Because of the very good condition of the house, the property would be used for rental housing or offices for the foreseeable future.

# 231 West Tenth Avenue



No True Scale

-  Property Owned By The Ohio State University
-  Subject Property
-  The Ohio State University Acquisition Limit

Office of Business and Administration  
June 7, 1991

Page 1362 Blank

**APPENDIX LXXXIV**

**THE OHIO STATE UNIVERSITY  
1991-92 PROVISIONAL CURRENT FUNDS BUDGET**

**Adopted by the Board of Trustees, June 7, 1991  
(See page 1322)**

THE OHIO STATE UNIVERSITY  
1991-92 PROVISIONAL CURRENT FUNDS BUDGET

All Funds Summary of Resources and Uses

<b>Budgeted Resources</b>		
Central Campus		
State Appropriations		\$315,030,000
Student Fees		
Instructional, General & Tuition	175,460,000	
Non-Credit Instruction	5,000,000	
Subtotal Student Fees		\$180,460,000
Other Resources		
Federal Grants and Contracts	111,530,000	
Ohio Grants and Contracts	14,230,000	
Local Grants and Contracts	14,310,000	
Private Gifts and Grants	75,040,000	
Endowment Income	11,050,000	
Departmental Sales & Services	32,340,000	
Auxiliary Sales & Charges	87,700,000	
Hospitals & CHRI Services	255,090,000	
Other Sources	15,740,000	
Subtotal Other Resources		\$617,030,000
Total Central Campus		\$1,112,520,000
Regional Campuses		
State Appropriations	13,400,000	
Student Fees	11,780,000	
Other Resources	4,790,000	
Total Regional Campuses		\$29,970,000
OARDC		
State Appropriations	21,880,000	
Federal	7,750,000	
All Other	4,300,000	
Total OARDC		\$33,930,000
Grand Total - Resources		\$1,176,420,000
<b>Budgeted Uses</b>		
Central Campus		
Educational and General Expenditures	745,290,000	
Auxiliaries	93,910,000	
University Hospitals & CHRI	271,360,000	
Total Central Campus		\$1,110,560,000
Regional Campuses		
ATI	6,890,000	
Lima	6,120,000	
Mansfield	5,620,000	
Marion	4,870,000	
Newark	6,410,000	
Total Regional Campuses		\$29,910,000
OARDC		\$33,930,000
Grand Total - Uses		\$1,174,400,000

UBP/June 7, 1991

**APPENDIX LXXXV**

**BOARD OF TRUSTEES BRIEFING  
CAPITAL PLAN(S)**

**Presented to the Fiscal Affairs Committee  
June 7, 1991  
(See page 1323)**

**BOARD OF TRUSTEES BRIEFING  
CAPITAL PLAN(S)**

**PART I - BACKGROUND**

**SELECTED OSU MASTER PLAN CONCEPTS**

- A UNIFIED ACADEMIC CAMPUS WITH CLOSELY RELATED DISCIPLINES IN PROXIMITY TO ONE ANOTHER
- A PEDESTRIAN CAMPUS
- SERVICE BUILDINGS AND OTHER NON-ACADEMIC FACILITIES ON THE PERIPHERY OF CAMPUS
- TRANSFERRING TO MOLLY CAREN THOSE AGRICULTURE FACILITIES THAT NEED OPEN SPACE EXCLUDING THOSE NEEDED FOR FREQUENT ACCESS BY STUDENTS
- MORE RESEARCH FACILITIES WITHIN THE CENTRAL ACADEMIC AREA IN PROXIMITY TO FACULTY OFFICES AND TEACHING FACILITIES

**ACADEMIC PLANNING GOALS AND MISSION (GEE SPEECH)**

- IMPROVE THE LEARNING AND TEACHING EXPERIENCE BY MAINTAINING THE HIGHEST VALUES OF EDUCATION
- DEVELOP INTERDISCIPLINARY EXCHANGES BY ALLOWING THE NATURE OF INQUIRY TO DEFINE COLLABORATIONS AND STRUCTURES REQUIRED FOR NEW KNOWLEDGE
- RECOGNIZE TEACHING AND RESEARCH AS PART OF THE SAME ENDEAVOR
- GIVE GREATER FOCUS TO ISSUES OF DIVERSITY THAT OFFER A PLURALITY OF BACKGROUNDS, ETHNICITIES, RELIGIONS, AND RACES
- FACILITIES AND AESTHETICS OF A QUALITY MATCHING OUR PEOPLE
- REDUCE THE BUREAUCRACY, FREEING FACULTY, STUDENTS AND STAFF TO ENGAGE IN MEANINGFUL ACADEMIC AND ACADEMIC SUPPORT PROGRAMS
- DEVELOP OF SENSE OF COMMUNITY. EXPRESS PRIDE IN INDIVIDUAL AND SHARED ACCOMPLISHMENTS

**PART II - 1993-94 CAPITAL REQUEST (Columbus Campus)**

**FUNDING ASSUMPTIONS**

- Request funding of \$80 - \$100 million per Biennium
- OSU received \$93 million last Biennium, but only \$65 million of the requests from the plan
- Local funds could be used to leverage additional state funds

**PROJECT REQUEST SUMMARY**

**BASIC RENOVATIONS** **\$17.0 MILLION**

**MENDENHALL LAB ADDITION/RENOVATION** **\$ 4.4 MILLION**

- Complete \$14.4 million project for Department of Geology, includes classrooms, offices and teaching labs.
- Provides research facilities close to faculty offices and teaching labs.

**EVANS LAB ADDITION** **\$10.0 MILLION**

- Provides research labs for Department of Chemistry, will permit McPherson Lab to be vacated for renovation.
- Recognizes teaching and research as part of the same endeavor.

**CAMPBELL HALL ADDITION** **State Funds \$ 1.6 MILLION**  
**Fund Raising \$ 1.5 MILLION**

- Addition to Campbell Hall for Human Ecology to house the Historic Costume Collection and provide space for student activities/meetings.
- Encourages informal learning.

**PARKING GARAGE EXPANSION (12TH AVE)** **Local Funds \$ 6.0 MILLION**

- Expansion of the 12th Ave Parking Garage to the East. Life Science Research Building will be constructed on top of this garage.

**LIFE SCIENCES RESEARCH BUILDING** **State Funds \$ 0.8 MILLION**  
**(Planning Funds) Local Funds \$ 0.8 MILLION**

- New research building for the College of Biological Sciences for those disciplines now housed in the B&Z Building, a facility which will not support modern biology research. Construction funds of \$21.4 Million to follow in the 95-96 biennium.
- Encourages interdisciplinary research.

**INSTRUCTIONAL ACADEMIC BUILDING** **\$20.4 MILLION**

- New office and classroom space to allow for demolition of Lord Hall.
- Improve learning/teaching experience.

**PHYSICAL SCIENCES RESEARCH BLDG** **Local Funds \$ 1.0 MILLION**  
**(Planning Funds)**

- Project planning for a new research building for Physics to be constructed on the Lord Hall site. Construction funds of \$19.0 Million to follow in the 95-96 biennium.
- Encourages interdisciplinary research.

- STILLMAN HALL ADDITION** **\$ 5.0 MILLION**
- Provide small addition for Social Work, needed to complete evacuation of Lord Hall.
  - Provides research facilities close to faculty offices and teaching labs.
- ANIMAL TEACHING/RESEARCH FACILITY (POULTRY)** **\$ 2.4 MILLION**
- Replaces obsolete poultry houses near Fyffe Road with new upgraded facilities in the Waterman Farm area.
  - Improve the learning/teaching experience.
- CALDWELL LAB REHABILITATION** **\$ 0.75 MILLION**
- Remodels space that will be vacated by the Engineering Library to meet the needs for teaching and research space for the College of Engineering.
  - Provides teaching and research facilities close to faculty offices.
- HEALTH SCIENCES LIBRARY RENOVATION** **\$ 5.65 MILLION**
- Replacement of the Randtriever system and the conversion of the space into a conventional library.
  - Improves learning/teaching experience.
- SISSON HALL RENOVATION** **\$ 5.15 MILLION**
- Update utility and mechanical systems and remodel selected space to meet modern day teaching and research facilities for Veterinary Medicine.
  - Improves the learning/teaching experience.
- WASTE MATERIALS STORAGE FACILITY** **\$ 1.25 MILLION**
- Facility for the storage and process of low level radioactive material. To be located near Bulk Chemical Warehouse.
  - Supports the research experience.
- BRADFORD COMMONS REMODELING** **\$ 1.25 MILLION**
- Remodels space vacated by NICE food preparation operations for offices, classrooms, and computer labs.
  - Improves the learning/teaching experience.
- COLLEGE OF BUSINESS BUILDING** **\$ 1.5 MILLION**  
(Planning Funds)
- Project planning for a new College of Business facility. Construction funds to follow in the 95-96 biennium, with a portion of the cost supported by fund raising.
- STUDENT ACTIVITIES CENTER** **LOCAL FUNDS \$ 1.5 MILLION**  
(Planning Funds)
- This project would begin planning for a new student activity center, if the College of Business is relocated to the Ohio Union. Construction funds of about \$28 to \$29 million would follow.
  - Improves the learning/teaching experience.
- COCKINS/MATH BUILDING REHABILITATION** **\$ 6.25 MILLION**
- Update utility and mechanical systems and remodel some spaces for the College of Math and Physical Sciences.
  - Improve the learning/teaching experience.

<b>TRANSGENIC ANIMAL FACILITY (BEVIS HALL)</b>	<b>\$ 1.4 MILLION</b>
<ul style="list-style-type: none"> <li>- Project will remodel space in the basement of Bevis Hall to support transgenic animal research.</li> <li>- Encourages interdisciplinary research.</li> </ul>	
<b>FOOD SCIENCE AND TECHNOLOGY</b>	<b>State Funds \$ 6.5 MILLION</b>
	<b>Fund Raising \$ 6.2 MILLION</b>
<ul style="list-style-type: none"> <li>- Project will replace obsolete teaching and research facilities for Food Sciences which is the number one department in the College of Agriculture.</li> <li>- Improve learning/teaching experience.</li> </ul>	
<b>CANNON DRIVE REHABILITATION</b>	<b>State Funds \$ 1.75 MILLION</b>
	<b>Local Funds \$ 1.74 MILLION</b>
<ul style="list-style-type: none"> <li>- Widen Cannon Drive in support of SR315 off-ramp project, needed to improve access to Hospitals and to campus from the west.</li> <li>- Supports concept of campus loop road.</li> </ul>	
<b>BRICKER HALL MECHANICAL SYSTEMS IMPROVEMENTS</b>	<b>\$ 1.16 MILLION</b>
<ul style="list-style-type: none"> <li>- Complete renovation of the mechanical system in Bricker Hall.</li> <li>- Conserves resources to realize their greatest value.</li> </ul>	
<b>PARKING PROJECTS</b>	<b>Local Funds \$ 0.56 MILLION</b>
<ul style="list-style-type: none"> <li>- Expansion of surface parking on West Campus.</li> <li>- Supports the Long Range Parking Plan.</li> </ul>	
<b>MASTER PLANNING</b>	<b>Local Funds \$ 0.5 MILLION</b>
<ul style="list-style-type: none"> <li>- Long-range planning for facility development and reconstruction.</li> <li>- In support of Academic Planning.</li> </ul>	
<b>SUPPLEMENTAL RENOVATIONS</b>	<b><u>\$ 3.0 MILLION</u></b>
<b>TOTAL STATE FUND REQUEST</b>	<b>\$95.7 MILLION</b>
<b>TOTAL OTHER FUNDS</b>	<b>\$21.3 MILLION</b>

**PART III - LONGER RANGE ISSUES**

- Location of new Business Building
- Amount and location of classroom space
- Use of Lord Hall for a new physical sciences complex
- Selection of best location for student activities center
- Location and scope of Visitor's Center
- Location and funding of new Library

Office of Campus Planning and Space Utilization  
June 6, 1991

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**APPENDIX LXXXVI**

**BOARD OF TRUSTEES OVERSIGHT COMMITTEE FOR  
THE ARTHUR G. JAMES CANCER HOSPITAL AND RESEARCH INSTITUTE**

**Adopted by the Board of Trustees, June 7, 1991  
(See page 1331)**

**Board of Trustees Oversight Committee for  
The Arthur G. James Cancer Hospital and Research Institute**

Background

Policy on Membership and Operation

1. The Oversight Committee shall be composed of
  - a. Two members of the Board of Trustees, each to be appointed by the Board for a one-year term (commencing May 1 and ending 30 April), one of whom shall serve as Chair of the Committee;
  - b. The Director of The Arthur G. James Cancer Hospital and Research Institute;
  - c. The Executive Director of University Hospitals;
  - d. A senior physician and faculty member appointed by the President for a one-year term;
  - e. A senior University administrator appointed by the President for a one-year term.
2. The Oversight Committee shall serve as an advisory committee to the Board of Trustees with respect to the governance and operation of The James Cancer Hospital and Research Institute. The Committee shall
  - a. Regularly review the management, patient care services, research activity, fiscal management, planning, accreditation requirements, and all other aspects of the operation of the James Cancer Hospital;
  - b. Regularly advise the Board of Trustees and the President with respect to the operation and make recommendations as appropriate;
  - c. Make recommendations to the Board of Trustees as appropriate concerning compliance with the Joint Commission on Accreditation of Healthcare Organizations standards regarding governance of the James Cancer Hospital; and
  - d. Monitor the current free-standing status of the James Cancer Hospital to determine the long-term viability and effectiveness of this organizational model.
  - e. Have such other responsibility as may be assigned, from time to time, by the Board of Trustees.
3. The Administrator of the James Cancer Hospital, in consultation with the Secretary of the Board of Trustees, shall provide staff resources to assist the Committee in its activities.
4. The Committee shall meet monthly, unless otherwise determined by the Chair, and shall report regularly to the Board of Trustees.
5. The administrative management including the medical and educational components of the James Cancer Hospital shall continue to report to the President with coordination provided through the Office of the Vice President for Health Services.

**APPENDIX LXXXVII**

**THE OHIO STATE UNIVERSITY ENDOWMENT SUMMARY  
May 17, 1991**

**Adopted by the Board of Trustees, June 7, 1991  
(See page 1333)**

**THE OHIO STATE UNIVERSITY**  
**ENDOWMENT FUND**

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**ENDOWMENT SUMMARY**

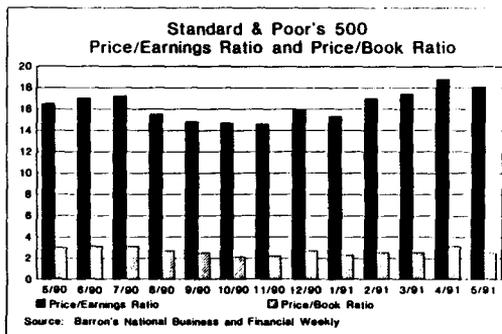
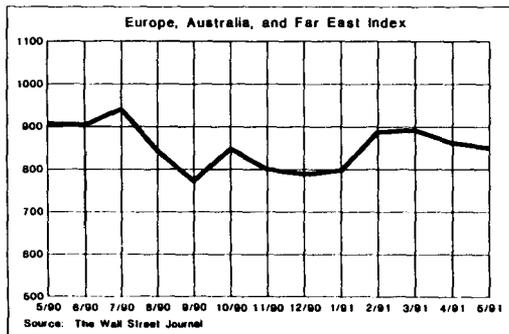
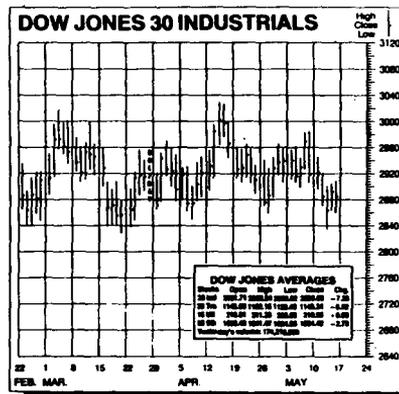
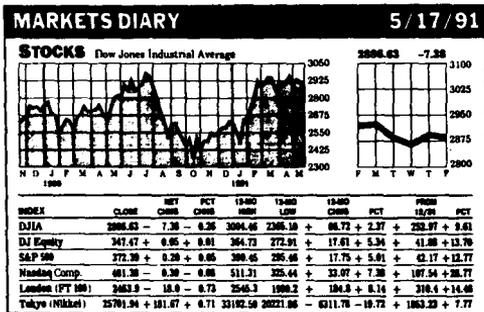
**May 17, 1991**

**Office of the Treasurer**



# The Ohio State University Endowment Fund

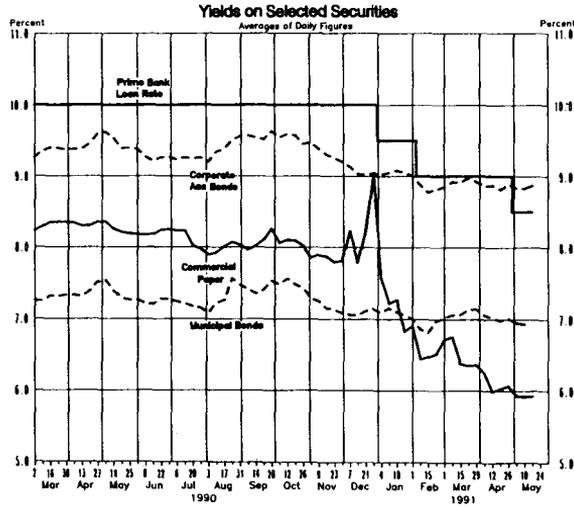
## Equity Market Information



# The Ohio State University Endowment Fund

## Selected Yield and Interest Rates

1376



Latest data plotted are averages of rates available for the week ending: May 17, 1991

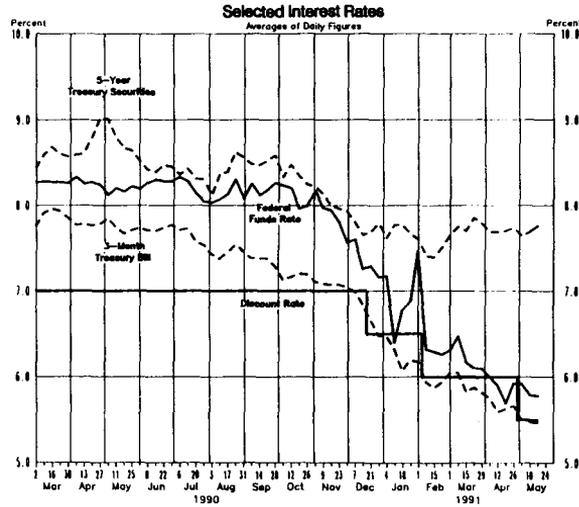
1991	90-Day CDs	30-Day Commercial Paper	90-Day Bankers' Acceptances	Corporate Aaa Bonds	Corporate Baa Bonds	Municipal Bonds**
Feb 22	6.54	6.51	6.38	8.81	10.04	6.97
Mar 1	6.71	6.71	6.52	8.85	10.09	7.01
8	6.70	6.75	6.42	8.92	10.11	7.06
15	6.35	6.38	6.14	8.91	10.05	7.08
22	6.35	6.35	6.19	8.97	10.13	7.13
29	6.31	6.36	6.14	8.92	10.06	7.14
Apr 5	6.18	6.25	6.02	8.86	9.98	7.08
12	6.00	5.99	5.88	8.87	9.96	7.02
19	6.00	6.03	5.89	8.91	9.93	6.98
26	6.08	6.07	5.92	8.89	9.93	7.01
May 3	5.91	5.93	5.75	8.63	9.83	6.95
10	5.91	5.92	5.75	8.63	9.83	6.93
17*	5.93	5.93	5.76	8.87	9.91	N.A.

Current date appear in the Federal Reserve Board's H.15 release.

\* Averages of rates available

\*\* Bond Buyer's Average Index of 20 municipal bonds, Thursday data

N.A. - Not Available



Latest data plotted are averages of rates available for the week ending: May 17, 1991

1991	Federal Funds**	3-Month Treasury Bill	6-Month Treasury Bill***	1-Year Treasury Bill	5-Year Treasury Securities	Long-Term Treasury Securities
Feb 22	6.26	5.94	5.91	5.93	7.51	8.10
Mar 1	6.31	6.04	6.01	6.02	7.65	8.23
8	6.47	6.05	6.06	6.08	7.75	8.35
15	6.17	5.83	5.91	5.94	7.70	8.31
22	6.10	5.87	5.82	6.01	7.85	8.43
29	6.10	5.82	5.84	5.94	7.79	8.35
Apr 5	6.00	5.75	5.78	5.87	7.69	8.27
12	5.90	5.59	5.68	5.84	7.66	8.27
19	5.68	5.63	5.87	5.87	7.70	8.20
26	5.92	5.68	5.78	5.86	7.74	8.30
May 3	5.92	5.51	5.68	5.73	7.64	8.23
10	5.78	5.48	5.61	5.76	7.69	8.28
17*	5.78	5.47	5.63	5.75	7.75	8.37

Current date appear in the Federal Reserve Board's H.15 release excluding long-term Treasury securities which are compiled by this bank. Treasury bill yields are on a discount basis.

\*\* Averages of rates available

\*\*\* Seven-day averages for week ending two days earlier than date shown

\*\* Auction average (discount)

**THE OHIO STATE UNIVERSITY**  
**Portfolio Summary**

	<u>5/17/91</u>	<u>4/19/91</u>	<u>6/30/90</u>
Unallocated Cash	\$17,463,461	\$15,533,254	\$26,394,640
<b>Equities:</b>			
Chicago	43,161,262	44,153,742	38,632,387
R. Meeder	12,978,888	13,736,138	13,001,471
Neuberger & Berman	14,894,619	15,383,910	14,170,710
Nicholas Applegate	22,187,886 [1]	23,579,704	15,494,958
Siebel	36,032,654	37,172,249	36,744,939
University Administered	37,725,257	39,290,786	33,379,715
University Students	6,016,540	6,259,043	5,622,381
Wells Fargo EAFE	8,468,973	8,555,101	9,088,214
Wells Fargo S&P 500	40,812,868 [2]	42,087,226	30,747,343
<b>Total Equities</b>	<u>222,278,947</u>	<u>230,217,899</u>	<u>196,882,118</u>
<b>Fixed Income:</b>			
Boatmen's Trust	29,273,353 [3]	29,087,345	23,329,632
Cambridge	0 [4]	0	921,596
Duff & Phelps	10,444,785	10,417,116	10,142,463
WR Lazard	15,161,176 [1]	15,152,025	9,888,684
STW Fixed Income	29,219,373 [3]	29,035,127	23,393,709
University GNMA	12,907,095 [5]	12,862,903	10,088,124
University Administered	152,650	153,031	289,044
<b>Total Fixed Income</b>	<u>97,158,432</u>	<u>96,707,547</u>	<u>78,053,252</u>
<b>Real Estate</b>	<u>43,851,496</u>	<u>43,853,135</u>	<u>43,869,131</u>
<b>TOTAL INVESTMENT POOL</b>	<u>\$380,752,336</u>	<u>\$386,311,835</u>	<u>\$345,199,141</u>
Less amounts invested for:			
University Foundation	(18,631,627)	(18,706,990)	(16,383,204)
Transportation Research Center	(6,546,179)	(6,673,806)	(6,935,639)
<b>TOTAL ENDOWMENT FUND</b>	<u>\$355,574,530</u>	<u>\$360,931,039</u>	<u>\$321,880,298</u>

	<u>5/17/91</u>	% of <u>Portfolio</u>	<u>4/19/91</u>	% of <u>Portfolio</u>	<u>6/30/90</u>	% of <u>Portfolio</u>
<b>Asset Allocation</b>						
Equities	\$205,171,306	53.88	\$213,780,282	55.34	\$183,764,582	53.23
Fixed Income	96,137,337	25.25	95,552,481	24.73	77,004,000	22.31
Real Estate	43,851,496	11.52	43,853,135	11.35	43,869,131	12.71
Cash	35,592,197	9.35	33,125,937	8.58	40,561,428	11.75
<b>Total</b>	<u>\$380,752,336</u>	<u>100.00</u>	<u>\$386,311,835</u>	<u>100.00</u>	<u>\$345,199,141</u>	<u>100.00</u>

[1] Commitment increased \$5,000,000 on November 15, 1990.

[2] Commitment increased \$7,500,000 on November 15, 1990.

[3] Commitment increased \$5,000,000 on October 12, 1990.

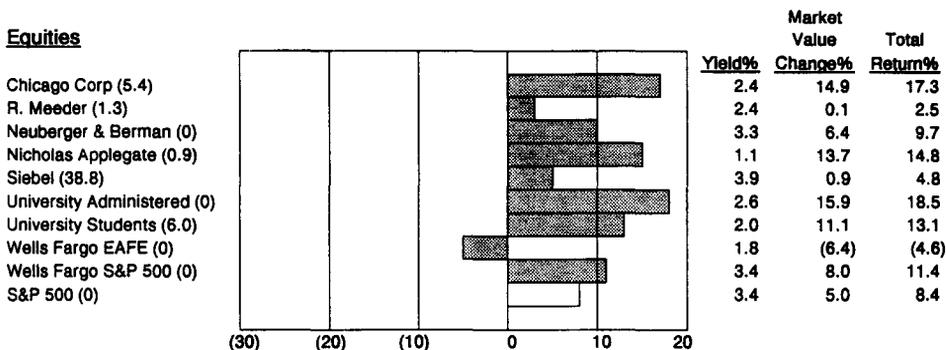
[4] Investment Advisory Agreement terminated on November 15, 1990.

[5] Commitment increased \$2,500,000 on December 13, 1990.

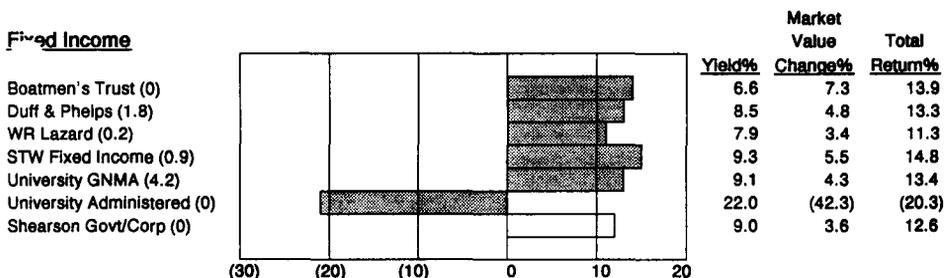
## THE OHIO STATE UNIVERSITY Endowment Performance Summary

### Estimated 12 Month Total Return

#### Equities



#### Fixed Income



( ) Percent Cash 5/17/91

	Year to Date July 1, 1990 to May 17, 1991	Latest Period April 20, 1991 to May 17, 1991
<b>Change in Total Valuation</b>		
Beginning Market Value	\$321,880,298	\$360,931,039
Principal Additions	20,181,231	1,721,265
Principal Withdrawals	(152,977)	0
Income Reserve	(780,433)	0
Change in Market Value	14,446,411	(7,077,774)
Ending Market Value	<u>\$355,574,530</u>	<u>\$355,574,530</u>

NOTE: Endowment Income from July 1, 1990 through May 31, 1991 totaled approximately \$14,317,000.

**THE OHIO STATE UNIVERSITY**  
**Maturities and**  
**Real Estate Activity**

**MATURITIES THAT OCCURRED DURING PERIOD**

<u>Par Value</u>	<u>Issue, Coupon, Maturity</u>	<u>Advisor</u>
------------------	--------------------------------	----------------

No maturities during the period.

**REAL ESTATE**

**Acquisitions & Sales**

Description

Cost or  
Appraised Value

No activity during the period.

**THE OHIO STATE UNIVERSITY**  
Equity Acquisitions

Purchases and Gifts During Period

<u>Number of Shares</u>	<u>Company</u>	<u>Advisor</u>	<u>Price/Share</u>	<u>Investment</u>	<u>Annual Dividend</u>
1,400	A. L. Laboratories, Inc.	Chicago	17.3750	\$24,409.00	\$336.00
500	Air Products & Chemicals, Inc.	Chicago	62.3750	31,217.50	720.00
7,800	Alltel Corp.	Chicago	40.1324	313,539.60	10,920.00
200	Bausch & Lomb, Inc.	Chicago	85.5000	17,112.00	288.00
700	Beneficial Corp.	Chicago	60.1250	42,129.50	1,680.00
1,700	Betz Laboratories, Inc.	Chicago	54.2500	92,225.00	1,836.00
300	Blair Corp.	Chicago	40.5000	12,168.00	180.00
3,800	Brinker International, Inc.	Chicago	39.9076	151,895.88	0.00
200	Brown-Forman, Cl. B.	Chicago	78.6250	15,737.00	448.00
6,900	Clayton Homes, Inc.	Chicago	18.5583	128,477.30	0.00
300	Crane Co.	Chicago	25.5000	7,668.00	225.00
200	Deluxe Corp.	Chicago	40.0000	8,012.00	232.00
400	Durr Fillauer Medical, Inc.	Chicago	31.0000	12,400.00	112.00
2,800	Emerson Electric Co.	Chicago	44.3750	124,418.00	3,696.00
2,400	First Alabama Bancshares, Inc.	Chicago	25.3750	60,900.00	2,304.00
4,700	First Hawaiian, Inc.	Chicago	26.7606	125,775.00	4,324.00
2,600	First Wachovia Corp.	Chicago	56.5000	147,056.00	4,784.00
100	Great Lakes Chemical Corp.	Chicago	79.0000	7,908.00	52.00
2,200	Lee Enterprises, Inc.	Chicago	31.2500	68,887.50	1,672.00
1,200	MAPCO, Inc.	Chicago	55.5000	66,672.00	1,200.00
4,000	Medco Containment Services, Inc.	Chicago	47.8560	191,424.00	160.00
500	Medtronics, Inc.	Chicago	114.7500	57,407.50	410.00
300	NBD Bancorp, Inc.	Chicago	39.1250	11,755.50	420.00
900	National Presto Industries, Inc.	Chicago	44.5000	40,104.00	1,440.00
500	Oklahoma Gas & Electric	Chicago	39.7500	19,905.00	1,290.00
100	Pacific Telecom, Inc.	Chicago	30.2500	3,025.00	126.00
3,400	Pall Corp.	Chicago	30.0735	102,469.00	1,496.00
800	RPM, Inc.	Chicago	20.2500	16,200.00	496.00
4,000	Rite Aid Corp.	Chicago	42.5000	170,000.00	4,000.00
1,800	TECO Energy, Inc.	Chicago	34.0000	61,308.00	3,086.00
2,700	U.S. West, Inc.	Chicago	37.3750	101,074.50	5,616.00
1,100	Vishay Intertechnology, Inc.	Chicago	19.3100	21,241.00	0.00

Continued next page

**THE OHIO STATE UNIVERSITY**  
**Equity Acquisitions**

Purchases and Gifts During Period (continued)

<u>Number of Shares</u>	<u>Company</u>	<u>Advisor</u>	<u>Price/Share</u>	<u>Investment</u>	<u>Annual Dividend</u>
1,700	Aldus Corp.	Nicholas-Applegate	45.5250	\$77,392.50	\$0.00
4,500	Circus Circus, Inc.	Nicholas-Applegate	68.2451	307,372.80	0.00
21,000	Duracell International, Inc.	Nicholas-Applegate	15.0000	315,000.00	0.00
22,000	Hormel (Geo. A) & Co.	Nicholas-Applegate	22.0730	486,926.00	6,600.00
15,300	Lotus Development Corp.	Nicholas-Applegate	32.8059	501,930.45	0.00
16,000	Office Depot, Inc.	Nicholas-Applegate	31.8251	509,202.32	0.00
3,600	Sensormatic Electronics Corp.	Nicholas-Applegate	21.5480	77,572.80	1,080.00
300	Apple Computer, Inc.*	University Administered	61.2500	18,375.00	144.00
200	Cincinnati Financial Corp.*	University Administered	104.6250	20,925.00	544.00
300	Fifth Third Bancorp*	University Administered	43.5000	13,050.00	324.00
310	Huntington Bancshares*	University Administered	15.6875	4,863.13	248.00
2,565	Lancaster Colony Corp.*	University Administered	22.0573	56,576.88	2,052.00
8,000	Banc One Corp.	University Students	36.0000	288,800.00	9,280.00
1,000	Procter & Gamble Co.	University Students	81.8750	245,925.00	6,000.00
5,000	Quantum Corp.	University Students	13.2250	66,125.00	0.00
3,000	Syntex Corp.	University Students	41.0000	123,300.00	2,760.00
				<u>\$5,367,855.66</u>	<u>\$82,591.00</u>

\*Gift

**THE OHIO STATE UNIVERSITY**  
**Equity Sales**

**Sales Made During Period**

<u>Number of Shares</u>	<u>Company</u>	<u>Advisor</u>	<u>Price/Share</u>	<u>Total Sale</u>	<u>Gain (Loss)</u>
5,000	American Software, Inc.	Chicago	11.0000	\$55,000.00	(\$8,157.11)
6,400	Cooper Industries, Inc.	Chicago	48.7500	311,573.60	92,082.60
4,500	Equifax, Inc.	Chicago	18.7500	84,079.68	25,281.84
4,100	Grainger (W.W.), Inc.	Chicago	82.0000	335,922.29	91,740.79
8,500	Lincoln Telecommunications, Inc.	Chicago	22.0000	187,000.00	(24,254.10)
18,800	Pansophic Systems, Inc.	Chicago	11.8750	222,110.55	19,768.62
8,300	Pennsylvania Power & Light Co.	Chicago	44.3419	367,485.72	11,546.22
9,200	Pepsico, Inc.	Chicago	31.7500	291,538.26	13,790.26
10,350	Safety-Kleen Corp.	Chicago	33.0390	341,269.50	145,821.00
6,800	Sara Lee Corp.	Chicago	39.0000	264,749.16	130,691.41
13,400	Shaw Industries, Inc.	Chicago	25.7050	343,564.63	8,678.73
9,300	Temple-Inland, Inc.	Chicago	40.8750	379,520.32	93,099.52
400	Acuson Corp.	Nicholas-Applegate	34.0504	13,595.70	2,618.63
12,100	Apple Computer, Inc.	Nicholas-Applegate	52.1761	631,331.25	28,216.80
1,600	Chiron Corp.	Nicholas-Applegate	49.8577	79,760.40	22,684.55
15,000	Dell Computer Corp.	Nicholas-Applegate	21.7142	325,533.10	(100,151.90)
21,000	Duracell International, Inc.	Nicholas-Applegate	20.2500	423,975.82	108,975.82
14,750	Southwest Airlines Co.	Nicholas-Applegate	24.5832	361,704.68	110,034.56
4,600	U.S. Health Care, Inc.	Nicholas-Applegate	47.4146	218,107.30	144,702.45
6,700	Wheelabrator Technologies, Inc.	Nicholas-Applegate	27.6865	185,091.20	63,686.48
15,100	American Waste Service, Inc.	Siebel	7.6260	114,242.76	(36,757.24)
200	Cincinnati Financial Corp.*	University Administered	105.0000	21,000.00	75.00
300	Fifth Third Bancorp*	University Administered	116.1666	34,850.00	800.00
200	Smucker (J.M.) Co.	University Students	44.7500	8,929.70	2,111.20
2,000	U.S. Surgical Corp.	University Students	110.0000	219,792.66	28,592.66
				<u>\$5,821,728.28</u>	<u>\$975,678.79</u>

\*Gift

**THE OHIO STATE UNIVERSITY**  
**Fixed Income Acquisitions**

Purchases and Gifts During Period

<u>Par Value</u>	<u>Issue, Coupon, Maturity</u>	<u>Advisor</u>	<u>Current Yield</u>	<u>Yield to Maturity</u>	<u>Price</u>	<u>Investment</u>
630,000	U.S. Treasury Bond 7.500% 11-15-16	Boatmen's	8.20%	8.31%	91.5000	\$576,450.00
545,000	California State G.O. 6.600% 02-01-11	STW	6.68%	6.71%	98.7500	538,187.50
1,000,000	U.S. Treasury Bond 10.750% 08-15-05	STW	8.95%	8.31%	120.1406	1,201,406.25
2,250,000	U.S. Treasury Bond 7.500% 11-15-16	STW	8.12%	8.21%	92.4141	2,079,316.41
						<u>\$4,395,360.16</u>

**THE OHIO STATE UNIVERSITY**  
**Fixed Income Sales**

**Sales Made During Period**

<u>Par Value</u>	<u>Issue, Coupon, Maturity</u>	<u>Advisor</u>	<u>Price</u>	<u>Total Sale</u>	<u>Gain (Loss)</u>
550,000	U.S. Treasury Bond 8.875% 08-15-17	Boatmen's	104.3281	\$573,804.69	\$36,032.49
1,000,000	Bankamerica Corp. 9.625% 02-13-01	STW	101.9020	1,019,020.00	19,500.00
440,000	U.S. Treasury Bond 10.375% 11-15-12	STW	117.4687	516,862.50	12,718.75
1,880,000	U.S. Treasury Bond 9.250% 02-15-16	STW	110.6250	<u>2,079,750.00</u>	<u>(32,312.50)</u>
				<u><b>\$4,189,437.19</b></u>	<u><b>\$35,938.74</b></u>

**THE OHIO STATE UNIVERSITY**  
**Real Estate Investments**

	<u>Yield</u>	<u>Year Acquired</u>	<u>Carrying Value</u>	<u>Appraised Value</u>	<u>Date Appraised</u>
Busch Boulevard Centre	7.71%	1990	\$4,275,000	\$4,275,000	10/89
46.984 acres of land in Delaware County	0.35%	1971	100,793	641,000	06/89
Hangar at Don Scott Field (Loan)	0.00%	1973	16,667 (1)	16,667	N/A
Hangar addition at Don Scott Field (Loan)	10.00%	1978	56,329 (1)	56,329	N/A
17.92 acres of land on Elterman Road	0.00%	1978	25,152	725,000	05/88
51 acres of land, 2809 West Granville Road	0.00%	1962	160,265	2,896,000	06/89
48.52 acres of land, 3025 West Granville Road	0.00%	1972	544,398	4,367,000	06/89
76.143 acres of land, 3253 West Granville Road	0.00%	1968	310,538	6,853,000	06/89
30.539 acres of land, 3371 West Granville Road	0.00%	1971	265,079	2,749,000	06/89
32 acres of land, 3371 West Granville Road	0.13%	1986	2,078,666	2,880,000	06/89
12 acres of land, 3483 West Granville Road	0.00%	1965	24,000	1,080,000	06/89
8.557 acres of land, 3505 West Granville Road	0.00%	1968	17,114	770,000	06/89
Undivided one-half interest in building and .65 acres at 1375 South Hamilton Road	14.74%	1986	95,000	95,000	01/86
94.5 acres of land on Harrisburg Pike	0.00%	1986	190,000	283,000	06/89
Building and 2.633 acres at 1900 Kenny Road	10.25%	1962	659,930	1,250,000	06/89
Building and 6.41 acres at 1960 Kenny Road	14.30%	1971	1,320,693	2,500,000	06/89
Building and 6.328 acres at 1991 Kenny Road	3.11%	1968	170,000	696,000	06/89
Building and 3.295 acres at 930 Kinnear Road	5.96%	1961	435,204	1,550,000	06/89
Building and 5.56 acres at 1100 Kinnear Road	3.74%	1984	825,000	2,650,000	06/89
20.988 acres of land on Shier-Rings Road	0.00%	1978	241,848	1,155,000	08/89
Veterans Administration Clinic	2.15%	1979	3,767,261	6,363,500	06/90
			<u>\$15,578,937</u>	<u>\$43,851,496</u>	

(1) Amount represents balance on loan made to Department of Aviation



Office of the Treasurer

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Columbus, OH 43201-1002  
Phone 614-292-6261

**MEMORANDUM**

SUBJECT: Proxy Solicitations  
DATE: May 31, 1991  
FROM: James L. Nichols, Treasurer *James L. Nichols*  
TO: Board of Trustees, The Ohio State University

During the month of May 1991, the University voted 34 proxies.

Management proposals were as follows:

- 1) Election of the Board of Directors;
- 2) Ratification of the independent auditors;
- 3) Adoption of a Stock Incentive Plan;
- 4) Approval of Non-Employee Directors' Stock Plan;
- 5) Approval of changes to the time-phased voting structure;
- 6) Permit increase in the number of authorized shares of common stock;
- 7) Approval of Stock Option Plan;
- 8) Approval of amended merger offer;
- 9) Ratification of certain employee benefit plans authorizing the Board of Directors to establish a reserve of Class A common stock for issuance pursuant to the plan;
- 10) Approval to eliminate action by shareholders by written consent;
- 11) Approval of amendment to authorize issuance of additional preferred stock;
- 12) Adoption of amendment to require 4/5 vote of all classes of stock entitled to vote in order for stockholders to make, alter, amend, or repeal By-Laws;
- 13) Ratification of amendment dealing with indemnification of Officers and Directors;
- 14) Approval of the par value of Class A common shares and clarification of certain provisions pertaining to the repurchase of Class A common shares;
- 15) Elimination of certain references to certain shares of preferred stock;
- 16) Approval of amendments establishing qualifications for Directors.

The shareholder proposals were as follows:

- 1) Terminate remaining economic relationships with South Africa and establish a policy not to renew any economic ties to South Africa until apartheid ends;
- 2) Withdraw from South Africa thereby cutting all economic ties to that country;
- 3) Ensure that the company's products sold in South Africa, through an independent licensee, are not sold to South African police or military and ensure that the same company adheres to the Sullivan Principles;

- 4) Establish annual election of Directors;
- 5) Provide for cumulative voting in the election of Directors;
- 6) Identify by name and corporate title in all future proxy statements those executive officers who are contractually entitled to receive in excess of \$100,000 as annual base salary, along with any additional bonuses and other cash payments due them;
- 7) Restore limited pre-emptive rights to the shareholders;
- 8) Adopt a policy whereby the company will not discriminate when entering into a negotiated contractual agreement;
- 9) Require the company's European affiliate to implement and/or increase activity on each of the nine MacBride Principles relating to Northern Ireland;
- 10) Approve the company to become a signatory of the Valdez Principles.

The University abstained from approving an amended merger offer; however, it voted for all other Management proposals and for the shareholder proposals regarding South Africa. The University voted against all other shareholder proposals. Additionally, Management opposed all shareholder proposals.

The 34 corporations were:

- 1) Accel International Corporation
- 2) American Stores Company
- 3) The Andersons Management Corporation
- 4) Arkia Exploration Company
- 5) Bally Manufacturing Corporation
- 6) Berlitz International, Incorporated
- 7) Beverly Enterprises, Incorporated
- 8) Brown Group, Incorporated
- 9) Century Telephone Enterprises, Incorporated
- 10) Charming Shoppes, Incorporated
- 11) Circuit City Stores, Incorporated
- 12) Circus Circus Enterprises Incorporated
- 13) Citizens Utilities Company
- 14) CUC International Incorporated
- 15) Dillard Department Stores, Incorporated
- 16) The Dreyfus Corporation
- 17) The Gap, Incorporated
- 18) General Motors Corporation
- 19) Genesco Incorporated
- 20) Geraghty and Miller Incorporated
- 21) Lotus Development Corporation
- 22) May Department Stores Company
- 23) Merry-Go-Round Enterprises, Incorporated
- 24) Mitchell Energy and Development Corporation
- 25) Ohio Bar Liability Insurance Company

- 26) Pacific Telecom, Incorporated
- 27) The Pep Boys – Manny, Moe and Jack
- 28) Thermo Electron
- 29) Tonka Corporation
- 30) Toys "R" Us, Incorporated
- 31) USF&G Corporation
- 32) US Healthcare, Incorporated
- 33) Vishay Intertechnology Incorporated
- 34) Waban, Incorporated

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Simson, Bevlyn, Painting Exhibition Fund (The).....	1052
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THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND TWO HUNDRED AND SEVENTY-FOURTH MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, July 12, 1991

The Board of Trustees met at its regular monthly meeting on Friday, July 12, 1991, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

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Minutes of the last meeting were approved.

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July 12, 1991 meeting, Board of Trustees

The Chairman, Mr. Teaford, called the meeting of the Board of Trustees to order on July 12, 1991, at 11:30 a.m. He requested the Secretary to call the roll.

Present: Hamilton J. Teaford, Chairman, John J. Barone, Deborah E. Casto, John W. Kessler, Milton A. Wolf, Alex Shumate, Theodore S. Celeste, Michael F. Colley, David A. Tonnies, and Kristen Cusack.

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### **INTRODUCTION OF NEW STUDENT TRUSTEE**

It is my very great pleasure to introduce Ms. Kristen Cusack. She is the newest Student Trustee on this Board, having been appointed by Governor Voinovich to serve a two-year term ending May 13, 1993.

Ms. Cusack is currently an undergraduate student, in her fourth year, from Beavercreek, Ohio. I notice that the Dayton area is overdoing it in producing student trustees for us. She is studying interpersonal/organizational communication at Ohio State.

In 1989, she was one of fifty freshmen to participate in the first Leadership Ohio State Conference, and is currently a member of the Undergraduate Student Government Cabinet and serves as Chairperson of the Presidents' Council.

We are all very pleased to have you with us, Kristen, and we know that you will enjoy the next two years that you will be serving with us.

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### **PRESIDENT'S REPORT**

President Gee:

Since this Board met in June, we have added 5,328 enthusiastic alumni to the rolls of The Ohio State University Alumni Association through graduation; we have broken ground for the Science-Engineering Library and the new Mathematics Tower that will add considerable square feet of much needed floor space and certainly for our library collection, a book capacity of 425,000 volumes, to our University Libraries; and, I have driven more than 1,000 miles in 26 counties visiting with our friends around the State of Ohio.

I can share with you the variety and richness of this State and of this great University by listing a few of the more interesting spots I have visited in 8 days of touring:

--I experienced an abrupt contrast of cultures, traveling from an Amish farm in Geauga County to one hour later touring the NASA Lewis Research Center outside Cleveland;

--I saw 8 tons of radishes being packed at the "muck vegetable" fields of Huron County;

--I stopped by the Cincinnati Bengals practice facility and learned a great deal more about Ohio Stadium's turf field development and management; and

**PRESIDENT'S REPORT (contd)**

President Gee: (contd)

--I toured the world's largest ketchup factory, the Heinz plant in Fremont, and in Montgomery County, a solid waste disposal incinerator -- where I learned (and smelled) more about trash than I ever wanted to!

--In these 8 days of touring, I met with my colleagues at Bowling Green, Lorain County Community College, Miami, the University of Cincinnati, Xavier, Northern Kentucky, and Wilmington College.

--This being "National Ice Cream Month," we held a half-a-dozen ice cream socials with our alumni, including freshmen and their families, and prospective students.

The list of activities is much longer, but this gives you at least a flavor of the State tour that I have been conducting.

What is Ohio State learning from all of these travels? What is our cost benefit, I would add?

I listened to the independent nurserymen in north-eastern Ohio and the senior executives of ARMCO Steel in Middletown express their concerns about the work force needs of their fields: technically trained persons with a broader liberal education and the ability to think and to innovate.

I listened to school board members and superintendents in Butler County, Hispanic community leaders in Lorain County, and Chamber of Commerce leadership in Cincinnati as they shared concerns about the quality of K through 12 education.

I learned of the many ways The Ohio State University is touching the people of this State.

--The model solid waste disposal program in Montgomery County has been developed and implemented with our Cooperative Extension faculty. It is estimated that their work is saving the Dayton area about \$650,000 annually.

--Ohio State research on tomato varieties is credited with adding \$3.5 million a year to the vegetable business through increased yields, and with saving the solid-pack tomato business in this State. The tomato processing industry is a \$200 million business in Ohio.

The number of ways we are involved in the life of this State is as great as the diversity of disciplines and people within the University.

As part of this traveling activity, I have been joined at various times by a number of very distinguished members of our faculty, senior staff, and colleagues from admissions, development, alumni, communication, and honors. It is and has truly been a team effort.

I took the opportunity also to visit with members of the General Assembly in their home districts. This was enormously important, and I was pleased to have the opportunity to tell them, in the company of their constituents, of our appreciation for their interest and support for higher education and of this University.

## **PRESIDENT'S REPORT (contd)**

President Gee: (contd)

Not only around the State, but on each of our campuses, the summer quarter is certainly not the quiet interlude that some would think. There are a number of accomplishments and activities to which I would like to call your attention. However, this morning I will, instead, turn to two matters of great import that are before you.

I am today recommending a number of changes in the administrative structure that reorganizes and realigns some of our very important activities. These moves are intended to enhance our effectiveness, respond to our budget constraints, and support our priorities in the coming years. Let me comment briefly on a few important points in this proposed reorganization.

I have talked repeatedly about decreasing bureaucracy and increasing the responsiveness of the administrative structure at this University. The steps recommended today will go a long way toward that objective.

The reorganization of the Office of Student Affairs and of support services for students will, I believe, improve our ability to be a "user friendly" University. Furthermore, as what will be Vice President for Student Affairs, Russ Spillman can give the development of a quality campus environment the priority it requires.

Realigning the Office of University Communications and Development into separate entities will more clearly capture their energies and talents. To successfully convey the mission and accomplishments of the University, we need a coordinated strategy for reaching all constituencies. And, as the budget being presented today makes clear, we must take maximum advantage of our fund-raising potential to promote quality in all that we do.

Consolidating the personnel, human relations, and affirmative action functions into the Office of Human Resources and Relations, headed by a vice president, will better meet the needs of our diverse and challenging work force. Likewise, responding to the complexity of the institution and the challenging legal issues in our society, I am recommending an Office of Legal Affairs under the direction of a General Counsel.

I am also recommending the appointment of a Special Assistant for Business/Community Relations. After my recent travels, I am even more reinforced in the critical importance of such an office to furthering the interests of higher education and of Ohio State across the state.

I want to emphasize that this is the only new position called for in this restructuring. We are seeking to simplify structures and better use our resources through these administrative recommendations.

With the arrival of our new Vice President for Research, and as we move forward with the searches for three vice presidents, and with this new structure, our administrative pattern is more clear and our activity more focused. I see an opportunity for renewed vigor, for creativity, and certainly for a strengthened University in the future.

**PRESIDENT'S REPORT (contd)**

President Gee: (contd)

To that end, Mr. Chairman, I would like to recommend for the Board's approval, the resolution on the restructuring of the University administration as noted in your Board book.

**RESTRUCTURING OF THE UNIVERSITY ADMINISTRATION --  
AMENDMENTS TO THE BYLAWS OF THE BOARD OF TRUSTEES  
AND RULES OF THE UNIVERSITY FACULTY**

Resolution No. 92-1

Synopsis: Approval of amendments to the Bylaws of the Board of Trustees and Rules of the University Faculty to reflect title changes and the delineation of responsibilities in accordance with the recommended restructuring of the University administration is recommended.

WHEREAS as a part of the restructuring of the University administration, amendments to the Bylaws of the Board of Trustees and Rules of the University Faculty are necessary to effectuate the changes proposed; and

WHEREAS paragraph (E) of bylaw 3335-1-03 and faculty rule 3335-3-05 delineates the composition of the president's executive committee and incorporates changes made pursuant to the proposed restructuring of the central administration of the University; and

WHEREAS the recommendations for reorganization and realignment of the central administrative structure is made pursuant to The Ohio State University's traditional landgrant mission of teaching, research, and service:

NOW THEREFORE

BE IT RESOLVED, That pursuant to rule 3335-1-09 of the Administrative Code and upon the recommendation of the President, the proposed amendments to the Bylaws of the Board of Trustees and the Rules of the University Faculty are hereby adopted; and

BE IT FURTHER RESOLVED, That the Secretary of the Board of Trustees is hereby authorized and directed to incorporate the recommended changes -- title changes, unit designations, and unit realignments in the applicable sections in the Bylaws of the Board of Trustees and the Rules of the University Faculty; and

BE IT FURTHER RESOLVED, That the referenced changes should be reflected in the next printing of these official records of the Board of Trustees.

Upon motion of Mr. Celeste, seconded by Mr. Kessler, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

(See Appendix I for complete context on Realignment and Reorganization, page 63.)

## PRESIDENT'S REPORT (contd)

President Gee: (contd)

Mr. Shkurti will present to you later in this meeting the University's budget for Fiscal Year 1991 and you have already heard discussion in our Fiscal Affairs Committee. I want to express my appreciation to all of you and certainly all of our friends across the state for your support and their support in this very challenging budget process.

While this is the most difficult budget confronted by this University in decades, I think when you look around at what is happening in other states, you realize that it could, of course, been a lot worse. I want to express special thanks to our legislative leaders, particularly House Speaker Vern Riffe and Senate President Stan Aronoff, for their work in this very, very difficult time. The conference committee process demanded extraordinary commitment from a number of people including Representative Pat Sweeney, Senator Ted Gray, and Senator Gene Watts. It is reassuring to know that higher education has so many friends in the General Assembly, as we look forward to continuing to build that support.

I also want to thank Dr. Herb Asher for his tireless work in representing us downtown, to Bill Shkurti and his staff, and to Steve Stoffel and his colleagues for their Herculean efforts. I understand by the way, and I've just looked around the room, that some of the key staff people who worked on this budget are here today, and I would like to recognize them at this time. I would ask them to stand, because often we do not get a chance to see these folks and they do a remarkable job. First, of all Janet Achterman, University Controller; David Boyne, Associate Provost for Academic Affairs; Elizabeth Hart, Director of the Office of Financial Management; Eric Kunz, Director of University Budget Planning; Steve Stoffel, Associate Vice President for Human Resources; Penny O'Neil, Assistant Vice President for Human Resources; and John Lowe who is in charge of Budget Planning. These folks have put in long days and late nights and deserve our thanks. Let's give them a big round of applause. And, thank you for being here today.

Finally, Mr. Chairman, I wish to report to this Board on the activity of the Wexner Center Foundation. Created a year ago, the foundation has as its purpose to seek and administer funds for the artistic and educational programs of the University's Wexner Center for the Arts. The Foundation met in November, with all members present, and you will recall from my report at that time, we announced the creation of a significant artistic award, and of creative residencies.

The Foundation underwrote the performance of The White Oak Dance Project featuring Mikhail Baryshnikov with choreography by Mark Morris. Chaired by Foundation Board member Charlotte Kessler, the Director's Circle of annual contributors of more than \$1,000, was initiated with 109 charter members.

Choreographer Twyla Tharp and members of her company will be in residence this fall, and we anticipate a notable performance by Ms. Tharp at Mershon Auditorium in the autumn. Such a distinguished artist sets a high standard for the new residency program. The foundation's second meeting in June included the presentation of the Wexner Center's first major publication, Breakthroughs.

We were delighted to approve a new board member of the Foundation, Sherry Lansing, partner in Jaffe/Lansing, producers of major Hollywood feature films, and former president of 20th Century Fox.

### **PRESIDENT'S REPORT (contd)**

President Gee: (contd)

Topics under discussion at the spring board meeting included development of new members and increased private support. We also reviewed the selection of the Wexner Prize recipient, to be announced later in the year.

I am delighted with the progress of the Wexner Center and I am particularly pleased to present this brief overview to you, and wish to acknowledge how fortunate The Ohio State University is to have the dedication, loyalty, and spirit of this outstanding board in support of the University's Wexner Center for the Arts.

Mr. Chairman, that represents my report for today.

Mr. Teaford:

Thank you, Mr. President. I might comment if you are to read through the Board of the Wexner Center Foundation you would find no greater array of talents and luminaries in the arts than can be assembled. We really appreciate their involvement in this University.

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### **RESEARCH FOUNDATION REPORT**

Ms. Casto:

I'd like to welcome Dr. Hayes, who is now here permanently and we had a chance to meet earlier this week.

The Ohio State University Research Foundation held its Annual Members' Meeting on June 13, 1991. At the meeting the Board unanimously elected a slate of officers including the following: President, Edward Hayes; Vice President, Roy Koenigsknecht; Treasurer, William Shkurti; and Executive Director, Thomas Sweeney.

The Board elected Dr. Charles A. Bauer, a Managing Partner of Management Sage in San Francisco, as a new Alumni Member. Elected to second terms were Dr. William Hildebolt, Vice President for Research and Development at R.J. Reynolds Industries in Winston-Salem as Alumni Representative, and Professor Jean Snook as a Faculty Member.

Dr. Mary Ellen Sheridan reported on the annual meeting of the University Connected Research Foundations held in April. Participation in this group is by invitation. Discussion items included operating policies, procedures, problems, and opportunities in research. She said The Ohio State University will host the 1992 meeting.

A listing of Research Foundation grants and contracts through May 1991 appears in the Board agenda book. Awards number 1,298 with a gross income of \$111 million. The funding level is 3 percent ahead of the first eleven months of the previous fiscal year. There are increases in several categories including Federal and State of Ohio.

**RESEARCH FOUNDATION REPORT (contd)**

Ms. Casto: (contd)

Some projects include: \$178,000 from the Department of Labor for a project on self employment and training in Poland; \$115,000 from NASA for research on the surface properties of the Greenland Ice Sheet; and \$42,000 from the Columbus Foundation for a pilot program on science education in the Columbus Public Schools.

We plan to have a new format for the presentation of the Research Foundation report beginning with the September Board meeting. You should have before you a sample of the new format, this is what we have moved to. As you know we just used to get all the report of awards and even if you read through them you wouldn't understand what was going on. So we are trying to get some kind of format so everyone can understand what we are doing, because it is such an important area here at the University.

Mr. Teaford:

I would appreciate any comments the Board might have.

Ms. Casto:

I welcome any suggestions for improvement either before the September meeting or later as we get used to working with it. Any questions? Thank you.

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS**

Resolution No. 92-2

Synopsis: Approval of the following reports on contracts, grants, and gifts and the summary for May 1991 is proposed.

WHEREAS monies are solicited and received on behalf of the University from governmental, industrial, other agencies, alumni, and various individuals in support of research, instructional activities, and service; and

WHEREAS such gifts and grants are received through The Ohio State University Research Foundation, the Engineering Experiment Station of The Ohio State University, and The Ohio State University Development Fund:

NOW THEREFORE

BE IT RESOLVED, That the research agreement between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the reports from the Engineering Experiment Station, and The Ohio State University Development Fund during the month of May 1991 be approved.

Upon motion of Mr. Barone, seconded by Mr. Kessler, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

(See Appendix II for background material, page 73.)

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

Summary

MAY 1991

<u>Source</u>	<u>7/1/89-5/31/90</u>	<u>7/1/90-5/31/91</u>	<u>May 1991</u>
The Ohio State University Research Foundation	\$107,839,386.52	\$110,839,674.40	\$10,490,861.00
Engineering Experiment Station	\$ 5,661,929.00	\$ 6,425,515.00	\$ 322,611.00
The Ohio State University Development Fund			
Establishment of Named Funds			
The Richard M. Morrow Fund in Polymer Engineering (Support teaching and research in polymer engineering)			\$ 300,000.00
The Jay C. Routh Memorial Medalist/University Scholarship Fund (Scholarships - College of Business)			\$ 100,000.00
The Forrest W. Huff Civil Engineering Scholarship Fund (Scholarships)			\$ 52,350.00
The James B. and Jean Clift Athletic Scholarship Fund (Grant-in-aid Scholarships - varsity football team)			\$ 17,611.88
The Gordon W. Powell Scholarship Fund in Materials Science and Engineering (Scholarships)			\$ 15,255.00
The James J. Buffer, Jr., Award in Industrial Technology Education (Support dissertation research of doctoral students)			\$ 15,000.00
The Janet Corbacioglu Memorial Scholarship Fund (Scholarships - junior or senior student enrolled in the College of Business)			\$ 15,000.00
The Helen Deacon Swank Voice Scholarship Fund (Scholarships - voice majors)			\$ 15,000.00
The Betty J. Tittle Endowment Fund for International Students (Support international students)			\$ 15,000.00
Change in Description of Named Fund			
The C.B. "Bill" Smith Scholarship Fund in Civil Engineering			

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## HOSPITALS BOARD COMMITTEE REPORT

Mr. Celeste:

The Professional Affairs/Education/Research Committee of the Hospitals Board met on Thursday, June 27. The Committee, in executive session, reviewed a personnel action.

The Committee also reviewed and endorsed two proposed amendments to the Medical Staff Bylaws and the medical staff appointments and reappointments recommended by the Medical Director.

Mr. Fraley presented a progress report on actions being taken to reduce the amount of waiting time for patients being admitted to University Hospitals.

The Committee recognized Dr. William Smead for outstanding accomplishments during his two-year term as Chief of Staff, and extended best wishes to Ms. Dolores Wilkes who has resigned from the Hospitals Board to accept a new position in Idaho.

Pursuant to the actions that were taken, the Board needs to act on two resolutions which I would like to present to the Board. The first resolution is:

### **AMENDMENTS TO THE MEDICAL STAFF BYLAWS**

Resolution No. 92-3

Synopsis: The approval of the amendments to the Medical Staff Bylaws is proposed.

WHEREAS The Ohio State University Hospitals Board pursuant to Bylaw 3335-101-04 of the Hospitals Board Bylaws is authorized to recommend to the Board of Trustees the adoption of amendments to the Medical Staff Bylaws; and

WHEREAS the proposed amendments to the Medical Staff Bylaws 3335-43-04 and 3335-43-10 were approved by the University Hospitals Board, May 30, 1991, as follows:

#### AMENDED BYLAWS

3335-43-04 Membership.

(A) Qualifications.

(1) through (2) unchanged.

(3) Resignation, termination, or non-reappointment to the faculty of the Ohio state university shall result in immediate termination of membership on the medical staff of the Ohio state university hospitals.

Balance unchanged.

**AMENDMENTS TO THE MEDICAL STAFF BYLAWS (contd)**

3335-43-10 Administration of the medical staff of the Ohio state university hospitals.

Medical staff committees.

(A) through (C) unchanged.

(D) Committee for physician health

(1) Composition

(A) Five (5) medical staff members.

(B) Reappointed annually for terms up to three (3) years.

(2) Duties

(A) To consider issues of physician health or impairment when requested to do so by the physician or another member of the medical staff, hospital staff, or any other individual.

(B) To provide appropriate counsel and referral to enable physician to provide appropriate standards of care.

(C) To consult regularly with the chief of staff and medical director of the hospital.

(D) To advise credentials and/or other appropriate medical staff committees on any issues affecting the quality of patient care.

(E) It will be the responsibility of the chairman of the committee to assure that all proceedings and records are handled and kept with utmost confidentiality.

(3) Meetings. Quarterly or as often as needed.

NOW THEREFORE

BE IT RESOLVED, That the foregoing amendments to the Medical Staff Bylaws be adopted as recommended by the University Hospitals Board.

Upon motion of Mr. Celeste, seconded by Mr. Shumate, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**UNIVERSITY HOSPITALS BOARD APPOINTMENTS**

Resolution No. 92-4

Synopsis: Approval of the appointment of two Hospitals Board members is proposed.

WHEREAS the Board of Trustees on November 30, 1979, approved the establishment of a University Hospitals Board; and

**UNIVERSITY HOSPITALS BOARD APPOINTMENTS (contd)**

WHEREAS the membership of the Hospitals Board was approved on April 4, 1980, and has been subsequently amended; and

WHEREAS Dr. Floyd D. Loop of Cleveland, Ohio, has been recommended for appointment as a Hospitals Board Member; and

WHEREAS Dr. Grayce M. Sills has been recommended to fill the unexpired term of Dolores R. Wilkes:

NOW THEREFORE

BE IT RESOLVED, That Floyd D. Loop, M.D. be appointed as a general public member of the University Hospitals Board for a term of three years, effective July 1, 1991; and

BE IT FURTHER RESOLVED, That Grayce M. Sills be appointed as a general public member of the University Hospitals Board to fill Dolores R. Wilkes unexpired term ending April 30, 1993.

Upon motion of Mr. Celeste, seconded by Mr. Colley, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

Mr. Teaford:

I would note, particularly, that Dr. Loop's appointment is important as further emphasis of our continuing venture with the Cleveland Clinic and we are fortunate to have Dr. Loop willing to serve on our Board. I might add also that Dr. Sills is a former Acting Dean of the College of Nursing, now a Professor Emeritus, and will be a superior addition as well.

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**CANCER HOSPITAL REPORT**

Mr. Barone:

I wish to inform you that my associate, Mr. Jack Kessler, was chairman of this meeting and did an excellent job. The Oversight Committee of The Arthur G. James Cancer Hospital and Research Institute met for their first meeting on Monday, July 1, 1991. Dr. David Schuller gave an overview report of the Cancer Hospital and Comprehensive Cancer Center activities. Dr. Schuller's report focused on those issues related to the opening and initiation of operations as well as current activities of both programs. Following Dr. Schuller's report, Dennis Smith reviewed the May 1991 financial as well as the year-to-date report. It was pointed out that for the month of May, admissions were 22.1 percent over budget at an actual admission number of 315 patients. There were 2,427 patient days compared to a budget of 2,321 with an average daily census of 78.3 compared to a budget of 74.9. The budgeted net income (loss) for May was a loss of \$550,000.00 with actual loss of \$371,000.00. Following the May financial report, Dennis Smith presented the fiscal year 1991-92 budget which reflected a 7.7 percent rate increase and a projected net loss of \$4,340,000.00. The Oversight Committee approved the budget package and in concert with the Board of Trustees approval, initiated the budget effective July 1, 1991.

**CANCER HOSPITAL REPORT (contd)**

Mr. Barone: (contd)

Following the approval of the fiscal year 1991-92 budget package, Dr. Schuller gave a report on Development activities at The Arthur G. James Cancer Hospital and Research Institute.

Following these activities, a report on Strategic Planning was given by Dennis Smith providing background information to the committee on the Douglas Group of Deloitte & Touche and an update of current progress. He indicated that there will be a major planning retreat on July 10, 1991, to be held at the Ramada Inn at which time the team leaders will review current operational data. The Strategic Planning activities are on target and should be completed by mid October 1991.

Dennis Smith reported to the committee on the newly formed Ohio State University Hospital/Cancer Hospital and Research Institute combined Quality Assurance/Utilization Review Committee. This committee will serve a dual function in reviewing and acting upon quality assurance issues relative to both Hospitals. The committee will meet for the first time in early July and review quality assurance issues of the Cancer Hospital at that time. All reports from the combined committee will be forwarded to the Cancer Hospital and Research Institute Oversight Committee for action and reporting to the University Board of Trustees.

Finally, there was a proposal approved for future meeting dates. We will be meeting at least once a month, in fact our next meeting is scheduled for July 19 at 8:00 a.m., instead of 7:30 a.m.

Also on file is a chart program for the costs and income of the Cancer Hospital. Mr. Chairman, I would like to thank you for initiating this committee. You and I discussed it, and I think it is going to be very effective and beneficial.

Also, I would like to call your attention to the magazine that has been handed out. It is called Frontiers and it is about the James Cancer Hospital. Most of the articles are clearly written; a layman could understand them. It is a tremendous piece of writing. I wish to commend everyone at the Cancer Hospital who worked on this and on behalf of the Board, thank all of you. Mr. Chairman, that completes my report.

Mr. Teaford:

Are there any questions for Mr. Barone or Mr. Kessler?

Mr. Kessler:

We do have a good committee, it is a small committee, and we have had our first meeting as John said. Our second meeting is coming up next week. Dennis Smith is here today if there are any questions for him. Dennis is Secretary of our Oversight Committee and Director of Administration at the Arthur G. James Cancer Hospital. I think this Board is going to hear a lot more in the many months to come about the Hospital, and I am pleased to be on the committee with John. We are hard working and we will report back to you.

**CANCER HOSPITAL REPORT (contd)**

Mr. Kessler: (contd)

I am also very pleased with the fund drive. They have a Board of laypeople that are very effective in this community and this is a wonderful asset for the State of Ohio. We are starting to raise money -- we have a lot of money that we need to raise, but I think we are off to a good start. Unless there are questions, that is our report.

Mr. Teaford:

Thank you, Gentlemen, both for your report and your work.

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**UNIVERSITY FOUNDATION AD HOC COMMITTEE REPORT**

Mr. Shumate:

The Ad Hoc Committee on the University Foundation, consisting also of Debbie Casto and Milt Wolf, was originally appointed on April 10, 1991. The Committee received three specific charges:

- 1) To review the structure and the functions of the Foundation and to make appropriate recommendations to this Board concerning both the structure and Foundation.
- 2) To advise this Board of Trustees on more effective ways to use the Foundation and its Board of Directors.
- 3) To recommend appropriate policy guidelines that would promote the best interest of The Ohio State University and assure effective coordination between the Foundation's activities with the policies of this Board of Trustees.

In the packet that was previously mailed to the members of the Board there is a set of final recommendations that the committee is recommending for adoption this morning. I might add, that in preparing these recommendations the committee met on a number of occasions. We held several work sessions and reviewed all the historical documents pertaining to the University Foundation. We looked at models at other universities, and interviewed members of the University staff, the administration, and members of the Foundation.

I would like to move at this time for adoption of the report and also adoption of the resolution which calls for the articles of incorporation and the code of regulations of the Foundation to be appropriately amended to reflect the recommendations of this committee.

**REORGANIZATION AND REALIGNMENT OF  
THE UNIVERSITY FOUNDATION**

Resolution No. 92-5

Synopsis: Recommendations for the reorganization and realignment of The Ohio State University Foundation is proposed.

**REORGANIZATION AND REALIGNMENT OF  
THE UNIVERSITY FOUNDATION (contd)**

WHEREAS the Ad Hoc Committee on The Ohio State University Foundation was appointed by the Board of Trustees to review the structure and functions of the University Foundation, to advise the Board on more effective ways to use the Foundation and its Board of Directors and to recommend policy guidelines to promote the best interests of the University, while assuring effective coordination of the Foundation's activities with the policies of the Board of Trustees; and

WHEREAS the Ad Hoc Committee has completed its work and has submitted its report recommending several changes to enhance the Foundation's and its Board of Director's effectiveness in promoting the University's best interests and to assure the effective coordination between the Foundation and the Board of Trustees:

NOW THEREFORE

BE IT RESOLVED, That the Board adopts the recommendations of the Ad Hoc committee and authorizes the chairman to appoint a committee to implement the recommendations as specified in the Ad Hoc committee's report; and

BE IT FURTHER RESOLVED, That the Articles of Incorporation and the Code of Regulations of the Foundation be appropriately amended to reflect the recommendations of the Ad Hoc Committee.

Upon motion of Mr. Barone, seconded by Ms. Casto, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix III for Recommendations of the Ad Hoc Committee, page 93.)

Mr. Teaford:

Any questions of Mr. Shumate?. I particularly want to commend the work of that committee, it was not an easy job.

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**INVESTMENTS COMMITTEE REPORT**

Amb. Wolf:

The Investments Committee did receive the Endowment Report for the 2-month period ending June 21, 1991. As of June 21, 1991, the market value of the Endowment was \$360 million. And although the fund decreased \$901,000 for the 2- month reporting period, I am pleased to report that it has increased \$38.2 million since the beginning of the fiscal year, which began July 1, 1990.

Six of our nine equity advisors are outperforming the S & P 500 index. Of those equity managers, the University administered stock is the best performer with a 16.1 percent total return from June 1990, compared to 7.4 percent return for the S & P 500. Half of the fixed income advisors, half of the six, are beating their benchmark index. The University Ginnie Mae portfolio having the highest total return at 10.9 percent over the past year, compared to 10.1 percent for the benchmark index, which is the Lehman Government/Corporate Bond Index.

**INVESTMENTS COMMITTEE REPORT (contd)**

Amb. Wolf: (contd)

We also received the Endowment Quarterly Report as of June 21, 1991. It is interesting to note that 102 new endowment funds were created during this past fiscal year, the most new funds created since fiscal year 1987. So far this fiscal year, we have received \$22.4 million in net gifts and additions, which makes this a record year. We also heard reports on the River Road Hotel Corporation and the Busch Boulevard Center and there was nothing unusual on those reports so I won't repeat them.

Mr. Teaford:

Does anyone have any questions for Ambassador Wolf?

Mr. Kessler:

How are the students doing?

Amb. Wolf:

The students are doing quite well. The student fund was one of the funds in the equity portfolio that exceeded the S & P 500. They are doing pretty well.

(See Appendix IV for complete context of The Ohio State University Endowment Summary, June 21, 1991, page 97.)

(See Appendix V for complete context of The Ohio State University Endowment Fund Quarterly Reports, June 21, 1991, page 113.)

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**AGRICULTURAL AFFAIRS COMMITTEE REPORT**

Mr. Celeste:

As you know, we are attempting to set up a schedule for the Agricultural Affairs Committee that will take a look at how we can have more meaningful dialogue in this process with those folks impacted by the Agricultural Affairs Committee. And so we have determined to have four committee meetings throughout the balance of this year, starting in September. The first one will be held at 10:00 a.m., on the first day of the Farm Science Review at the Farm Science Review. We certainly welcome, in addition to the members of the Agricultural Affairs Committee, any members of the Board who could attend that committee meeting. Additionally, we will have the three other meetings, schedule not determined yet, one in Wooster, one in Portsmouth, and one here on this Campus, and we will let the Board members know when we have those.

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## ACADEMIC AFFAIRS COMMITTEE REPORT

Ms. Casto:

The Academic Affairs Committee heard a report from Provost Hutchinson and Associate Provost Boyne on the recruitment process for faculty positions. The first step in the process involves authorization to conduct a search, which is initiated at the department or school level, requires approval by the appropriate dean and the Provost before being posted in the University's "green sheet". A search committee is appointed, including a designated affirmative action advocate as a member of the committee, and a detailed position description is developed.

The next step is to advertise the position on a national basis, including widely read outlets such as the Chronicle for Higher Education, disciplinary journals, and special mailings to departments or academic units at other universities. Special efforts are made to enhance the likelihood that positions are made known to women and minorities. The search committee has the responsibility for receiving nominations and screening applications, followed by recommendations to the department chairperson of a small group (three to five individuals) to be invited for an on-campus interview. Following the interviews, the members of the department or school will make input to the search committee and to the department chairperson. A decision will be made on the candidate to whom an offer will be made and the offer is extended by the department chairperson with the approval of the dean. In the period November 1989 through October 1990, this recruitment process resulted in 260 new, regular faculty appointments. Just to give everyone an idea, that is approximately, a little less than, 10 percent of the entire faculty, so that is quite significant.

Are there any questions about the process of recruiting?

Mr. Teaford:

I'd like to emphasize to everyone that she said that all appointments to the faculty of this University are the result of a national search. I think that that really stresses the eminence of the faculty at this University.

Ms. Casto:

In addition, the Committee is recommending the following resolutions:

### RENAMING OF BUILDING

Resolution No. 92-6

Synopsis: The Academic Affairs Committee recommended the renaming of building at 220-222 West 11th Avenue.

WHEREAS the Board of Trustees has authority in naming of all buildings and structures at The Ohio State University, as set forth in paragraph (F) of rule 3335-1-08 of the Administrative Code; and

WHEREAS upon the recommendation of the President, with the concurrence of the President's executive committee, it has been proposed that the building at 220-222 West 11th Avenue (commonly called the Ann Tweedale House and formerly named the Grace Graham Walker House) be renamed the "Alumnae Scholarship House" to reflect that the Alumnae Scholarship Housing (ASH) Program resides there:

**RENAMING OF BUILDING (contd)**

NOW THEREFORE

BE IT RESOLVED, That hereafter the building located at 220-222 West 11th Avenue shall bear the name "Alumnae Scholarship House."

Upon motion of Ms. Casto, seconded by Mr. Kessler, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY**

Resolution No. 92-7

Synopsis: The Academic Affairs Committee recommended the approval of the following amendments to the Rules of the University Faculty.

WHEREAS the University Senate pursuant to rule 3335-1-09 of the Administrative Code is authorized to recommend through the President to the Board of Trustees the adoption of amendments to the Rules of the University Faculty as approved by the University Senate; and

WHEREAS the proposed changes in the Rules of the University Faculty were approved by the University Senate on June 1, 1991:

AMENDED RULES

3335-5-487 Committee on academic misconduct.

(A) Membership.

The committee on academic misconduct shall consist of thirty-four members.

- (1) Eighteen regular faculty, elected by the faculty council. The term of service is three years. No faculty member shall serve more than two consecutive terms.
- (2) Fourteen students.
  - (a) Seven graduate students selected by the council of graduate students. The term of service is one year beginning with the autumn quarter.
  - (b) Seven undergraduate students selected by the undergraduate student government. The term of service is one year beginning with the summer quarter.
- (3) Two administrators.
  - (a) The dean of student life or designee, non-voting.
  - (b) A coordinator, appointed by the senior vice president for academic affairs and provost, who shall not participate in the decisions of the committee.

**AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)**

- (4) Alternate members.

Faculty and students who have been regular members of the committee during the previous three years shall be eligible to be alternate members, providing they remain at the university in their same category.

- (B) Unchanged.

- (C) Organization.

- (1) Unchanged.

- (2) If the caseload of the committee should from time to time become such that cases cannot be set for hearing within four weeks (excluding periods of examinations or between quarters), the chairperson shall be empowered to ask alternate members to serve voluntarily and temporarily as members of hearing panels.

- (3) As a standing committee of the senate, this committee is also governed by the provisions of rules 3335-5-46 and 3335-5-48 of the Administrative Code.

- 3335-7-33 Conditions and procedures for disenrollment from a course.

- (A) The instructor (or in the case of a graduate teaching associate, the supervising faculty member), the chairperson of the instructor's department (with the agreement of the instructor), or other appropriate administrative official may disenroll a student from a course if:

- (1) After the third instructional day of the quarter, semester, session, or term, the first Friday of the quarter, or the student's second scheduled class session of the course, whichever occurs first, the student fails to attend the scheduled course without giving prior notification to the instructor. Under this paragraph, no student may be disenrolled from a course until after the first course meeting following the student's registration. When the department elects to use this procedure, the instructor, the chairperson, or other appropriate administrative official shall notify the student's enrollment unit. The enrollment unit will notify the student and take appropriate action to remove the student from the course.

Since not all departments exercise the option to disenroll students in all courses, this rule does not relieve the student of the responsibility for dropping a course the student is not attending.

- (2) The student enrolls to audit a course without the instructor's approval, or fails to meet the prerequisites of the course. Disenrollment procedures shall be the same as in paragraph (A)(1) of this rule.

- (3) Before the third Friday of a quarter, semester, or session, or the second Friday of a summer term, and following completion of a placement examination, or another appropriate measure of preparation or ability, the student is judged to be registered in an inappropriate course. The department or school offering the course may then instruct the secretary of the college or school in which the student is enrolled to change the student's registration either to a more elementary or more advanced course.

**AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)**

- (B) Disenrollment, under paragraph (A) of this rule, is effective upon action of the instructor, department chairperson, or other appropriate administrative official
- (C) Credit for all rescheduled courses resulting from action under paragraph (A)(3) of this rule shall count toward the fulfillment of graduation requirements unless the student has previously earned university or college credit in a course having substantially the same subject matter content or the substituted course is one which the department or school, with the approval of the council on academic affairs, has established for students with inadequate preparation for college level courses of that department or school.
- (D) If a student who has enrolled to audit a course fails to complete the requirements for audit specified by the instructor and also fails to withdraw from the course, the instructor shall so inform the office of the university registrar when marks are reported for the quarter, semester, or session. That office will then disenroll the student from the course, removing the course from the student's permanent record, and will notify the student and the student's college of the action taken.
- (E) After investigation, including consultation with the instructor and the student in question, and utilizing other university resources, as desirable, the chairperson (or other appropriate administrative official) may disenroll a student from a course if the student presents a clear and present threat of bodily harm or injury to the instructor or fellow students, or, after warning, continues to engage in disruptive conduct, either of which results in impairment of teaching or learning processes:
  - (1) If, after attempting to resolve the difficulty by informal means, the department chairperson (or other appropriate administrative official) deems disenrollment necessary, the affected student shall be notified in writing. The notice shall be delivered by hand or sent through ordinary mail to the student at the last address supplied pursuant to rule 3335-9-09 of the Administrative Code. Copies of the disenrollment action shall be sent to the dean of the instructional college, the dean of the student's college, the office of the university registrar, and the office of student affairs.
  - (2) The student may appeal to the senior vice president for academic affairs and provost or designee for waiver of disenrollment under paragraph (E) of this rule, provided the appeal is filed within ten days of the disenrollment action. The senior vice president for academic affairs and provost shall make final determination on the appeal within seven days.
  - (3) Disenrollment is effective upon the action of the department chairperson (or other appropriate administrative official), unless reversed by the senior vice president for academic affairs and provost or designee.
- (F) For disenrollment, exclusive of audit, under paragraphs (A) and (E) of this rule, the university registrar shall enter on the student's official permanent record:
  - (1) No mark, if the disenrollment occurs before five p.m. of the third Friday of a quarter, semester, or session course, or the second Friday of a summer term course; or
  - (2) The mark, "W," if the disenrollment occurs after five p.m. of the third Friday of a quarter, semester, or session course, or the second Friday of a summer term course.

**AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)**

NEW RULE

3335-47-041 Exclusion of countable years of service from the probationary period for child care and serious illness.

- (A) One year of service may be excluded from the probationary period of an untenured regular faculty member after the birth or adoption of a child under six years of age. Such exclusion shall be granted at the request of a faculty member. Each faculty member is entitled to a maximum of two one-year exclusions should more than one child be born or adopted during the probationary period. If both parents are untenured faculty members at the Ohio state university, they are entitled to a maximum of one year between them if one child is born or adopted or two years between them if two or more children are born or adopted. Exclusion of time from countable years of service during the probationary period is not contingent upon a reduction in percent appointment or upon taking an official leave of absence. Requests for excluding time from the probationary period shall be made by the faculty member to the chairperson or director of the tenure initiating unit. The request must be made within one year of the birth or adoption and prior to the beginning of the final year of the probationary period.
- (B) Service time may be excluded from the probationary period at the request of a faculty member who must devote substantial time to the care of a seriously ill or injured person. Should such circumstances occur, up to two years of service time may be excluded from the probationary period. Requests for excluding time from the probationary period shall be made by the faculty member to the chairperson or director of the tenure initiating unit. The request must be made prior to the beginning of the final year of the probationary period.
- (C) Service time may be excluded from the probationary period at the request of a faculty member who is stricken with a serious illness or injury. Up to two years of time may be excluded from the probationary period depending upon the nature and duration of the illness. Requests for excluding time from the probationary period shall be made by the faculty member to the chairperson or director of the tenure initiating unit. The request must be made prior to the beginning of the final year of the probationary period.
- (D) Under this rule, a maximum of two years of service may be excluded from the probationary period.
- (E) Requests to exclude service time from the probationary period under paragraph (A) of this rule shall be reported to the dean or director and senior vice president for academic affairs and provost. Requests to exclude service time from the probationary period under paragraphs (B) and (C) of this rule shall be reviewed by the chairperson or director of the tenure initiating unit with the advice of the unit's promotion and tenure committee. Recommendations for approval or disapproval under paragraphs (B) and (C) of this rule shall be forwarded to the appropriate dean for his/her recommendation. Both the unit and college recommendations shall be forwarded to the senior vice president for academic affairs and provost whose decision shall be final. (In the case of a faculty member serving on a regional campus, the request shall also be reviewed by the regional campus dean and director with the advice of the regional campus promotion and tenure committee. The dean and director's review shall be forwarded to the chairperson or director of the tenure initiating unit.)

**AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)**

Rescinded Rules

3335-7-30 and 3335-7-31

NOW THEREFORE

BE IT RESOLVED, That the foregoing amendments to the Rules of the University Faculty be adopted as recommended by the University Senate.

Upon motion of Ms. Casto, seconded by Mr. Shumate, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**HONORARY DEGREES**

Resolution No. 92-8

Synopsis: The Academic Affairs Committee recommended the approval of honorary degrees for Helmut Moritz and Harold A. Sorgenti.

WHEREAS the Committee on Honorary Degrees and the University Senate, pursuant to rule 3335-5-488 of the Administrative Code, have approved for recommendation to the Board of Trustees awarding of honorary degrees as listed below:

Helmut Moritz	Doctor of Science
Harold A. Sorgenti	Doctor of Humane Letters

NOW THEREFORE

BE IT RESOLVED, That the honorary degrees be awarded in accordance with the recommendation at a time convenient to the University and the recipients.

Upon motion of Ms. Casto, seconded by Mr. Kessler, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**DEGREES AND CERTIFICATES - SUMMER QUARTER COMMENCEMENT**

Resolution No. 92-9

Synopsis: The Academic Affairs Committee recommended the approval of Degrees and Certificates for Summer Quarter.

WHEREAS pursuant to paragraph (E) of rule 3335-1-06 of the Administrative Code, the Board has authority for the issuance of degrees and certificates; and

**DEGREES AND CERTIFICATES - SUMMER QUARTER COMMENCEMENT (contd)**

WHEREAS the faculties of the colleges and schools shall transmit, in accordance with rule 3335-9-29 of the Administrative Code, for approval by the Board of Trustees the names of persons who have completed degree and certificate requirements:

NOW THEREFORE

BE IT RESOLVED, That the degrees and certificates be conferred on August 30, 1991, to those persons who have completed the requirements for their respective degrees and certificates and are recommended by the colleges and schools, and that the names of those persons awarded degrees and certificates be included in the minutes of this meeting.

Upon motion of Ms. Casto, seconded by Mr. Shumate, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**PERSONNEL ACTIONS**

Resolution No. 92-10

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the June 7, 1991 meeting of the Board, including the following Appointment, Reappointment of Administrative Official, Appointment of Chairpersons of Departments and Director of Center, Reappointment of Chairpersons of Departments and Director of Center, Leaves of Absence Without Salary--Change in Dates, Professional Improvement Leaves, Professional Improvement Leaves--Change in Dates, Promotions and Tenure, Appointments/Reappointments of Emeritus Titles, Medical Staff Reappointments (The Arthur G. James Cancer Hospital and Research Institute), and Medical Staff Change in Titles (The Arthur G. James Cancer Hospital and Research Institute) as detailed in the University Budget be approved and the Medical Staff Appointments (The Ohio State University Hospitals) approved May 30, 1991, by the Hospitals Board be ratified.

Appointment

Name:	JAMES H. BROWN
Title:	Acting Director and Acting Associate Dean
Center/College:	Ohio Agricultural Research and Development Center/Agriculture
Term:	July 1, 1991 through June 30, 1992
Salary:	\$97,080.00
Present Position:	Associate Director, Ohio Agricultural Research and Development Center and Professor

Reappointment of Principal Administrative Official

MANUEL TZAGOURNIS, Dean of the College of Medicine, effective July 1, 1991 through June 30, 1996, pursuant to rule 3335-3-17 of the Administrative Code.

Appointment of Chairpersons of Departments and Director of Center

July 1, 1991 through June 30, 1992

Neurology

Robert L. Folk\*

\*Acting Chair

**PERSONNEL ACTIONS (contd)**

Appointment of Chairpersons of Departments and Director of Center (contd)

July 1, 1991 through June 30, 1995

Architecture  
Nisonger Center

Jose Oubrierie  
Steven Reiss

Reappointment of Chairpersons of Departments and Director of Center

July 1, 1991 through June 30, 1995

City and Regional Planning  
Human Nutrition and Food Management

Kenneth T. Pearlman  
Wayne A. Johnson

January 1, 1992 through September 30, 1995

Center for Mapping

John D. Bossler

Leaves of Absence Without Salary--Change in Dates

FRANK E. PULSKAMP, Associate Professor, College of Dentistry (Restorative & Prosthetic Dentistry), change leave from March 1, 1991 through January 31, 1992, to March 1, 1991 through July 7, 1991.

DAVID S. STEIN, Associate Professor, School of Allied Medical Professions, change leave from December 6, 1990 through June 3, 1991, to December 6, 1990 through July 7, 1991.

Professional Improvement Leaves

PETER-NOEL WEBB, Chairperson and Professor, Department of Geological Sciences, effective Winter Quarter, Spring Quarter and Autumn Quarter 1992.

HOWARD P. FINK, Professor, College of Law, effective January 1, 1992, through December 31, 1992.

MAIA P. MERTZ, Professor, Department of Educational Studies: Humanities, Science, Technological and Vocational, effective Winter Quarter and Spring Quarter 1992.

WILLIAM F. PALMER, Professor, Department of Physics, effective Winter Quarter, Spring Quarter and Autumn Quarter 1992.

LAUREL W. RICHARDSON, Professor, Department of Sociology, effective Winter Quarter, Spring Quarter and Autumn Quarter 1992.

VIRGINIA E. RICHARDSON, Professor, College of Social Work, effective Winter Quarter and Spring Quarter 1992.

THOMAS N. TAYLOR, Professor, Department of Plant Biology, effective Winter Quarter 1992.

TERRI D. FISHER, Associate Professor, Department of Psychology (Mansfield Campus), effective Winter Quarter and Spring Quarter 1992.

**PERSONNEL ACTIONS (contd)**

Professional Improvement Leaves (contd)

BARBARA D. GROSECLOSE, Associate Professor, Department of History of Art, effective Winter Quarter and Spring Quarter 1992.

EUGENE JONES, Associate Professor, Department of Agricultural Economics and Rural Sociology, effective Winter Quarter and Spring Quarter 1992.

JAMES MORGANSTERN, Associate Professor, Department of History of Art, effective Winter Quarter, Spring Quarter and Autumn Quarter 1992.

MARGARITA L. MAZO, Associate Professor, Department of Music History, effective Winter Quarter, Spring Quarter and Autumn Quarter 1992.

JAMES E. STORBECK, Associate Professor, Academic Faculty of Management Sciences, effective Winter Quarter and Spring Quarter 1992.

CHARLOTTE E. KITCHELL, Assistant Professor, Department of Landscape Architecture, effective Winter Quarter and Spring Quarter 1992.

Professional Improvement Leaves--Change in Dates

WILLIAM E. DANCEY, Associate Professor, Department of Anthropology, change leave from Autumn Quarter 1991, Winter Quarter and Spring Quarter 1992, to Autumn Quarter 1991 and Winter Quarter 1992.

MARK W. ROCHE, Associate Professor, Department of German, change leave from Autumn Quarter 1991, Winter Quarter and Spring Quarter 1992, to Winter Quarter and Spring Quarter 1992.

Promotions and Tenure

**COLLEGE OF AGRICULTURE**

PROMOTION TO PROFESSOR

Gary A. Anderson, ATI, Approved - 7/1/91

PROMOTION TO ASSOCIATE PROFESSOR with TENURE

Maurice L. Eastridge, Dairy Science, Approved - 7/1/91

Steven K. Harrison, Agronomy, Approved - 7/1/91

William P. Weiss, Dairy Science, Approved - 7/1/91

PROMOTION TO ASSISTANT PROFESSOR and TENURE

Teresa P. Lanker, ATI, Approved - 7/1/91 & 1/1/92

July 12, 1991 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

Promotions and Tenure (contd)

**COLLEGE OF THE ARTS**

PROMOTION TO PROFESSOR

Paul G. Robinson, Music, Approved - 10/1/91

**COLLEGE OF BIOLOGICAL SCIENCES**

PROMOTION TO ASSOCIATE PROFESSOR with TENURE

Paul L. Phelan, Entomology, Approved - 7/1/91

**COLLEGE OF BUSINESS**

PROMOTION TO ASSOCIATE PROFESSOR with TENURE

Francis A. Longstaff, Finance, Approved - 10/1/91

**COLLEGE OF DENTISTRY**

PROMOTION TO ASSOCIATE PROFESSOR with TENURE

John H. Bailey, Restorative & Prosthetic, Approved - 7/1/91

**COLLEGE OF ENGINEERING**

PROMOTION TO ASSOCIATE PROFESSOR with TENURE

Mukesh Singhal, CIS, Approved - 10/1/91

**UNIVERSITY LIBRARIES**

PROMOTION TO ASSISTANT PROFESSOR and TENURE

Anna May Wang, Approved - 7/1/91 & 3/17/92

TENURE

Ella G. Copeland, Approved - 3/17/92

**COLLEGE OF MEDICINE**

PROMOTION TO ASSOCIATE PROFESSOR with TENURE

Eric R. Pacht, Internal Medicine, Approved - 7/1/91

**PERSONNEL ACTIONS (contd)**

Promotions and Tenure (contd)

**COLLEGE OF MEDICINE (contd)**

PROMOTION TO ASSISTANT PROFESSOR

Melanie M. Brodnik, Allied Medical Professions, Approved - 7/1/91

Judith D. Rayburn, Allied Medical Professions, Approved - 7/1/91

TENURE

William F. Bennett, Radiology, Approved - 1/1/92

Gary L. Rea, Surgery, Approved - 1/1/92

**COLLEGE OF VETERINARY MEDICINE**

PROMOTION TO ASSOCIATE PROFESSOR with TENURE

William P. Shulaw, Preventive Medicine, Approved - 7/1/91

Richard D. Slemons, Preventive Medicine, Approved - 7/1/91

Emeritus Titles

WALTER K. BUNGE, School of Journalism, with the title Director Professor Emeritus, effective July 1, 1991.

E. THOMAS BOLES, Department of Surgery (Pediatrics), with the title Professor Emeritus, effective July 1, 1991.

CATHERINE A. CALLAGHAN, Department of Linguistics, with the title Professor Emeritus, effective July 1, 1991.

GEORGE W. COLLINS, Department of Astronomy, with the title Professor Emeritus, effective July 1, 1991.

DEAN T. DAVIS, Department of Electrical Engineering, with the title Professor Emeritus, effective July 1, 1991.

MERTON L. DILLON, Department of History, with the title Professor Emeritus, effective July 1, 1991.

SIMON P. DINITZ, Department of Sociology, with the title Professor Emeritus, effective July 1, 1991.

WALTER G. HACK, Department of Educational Policy and Leadership, with the title Professor Emeritus, effective July 1, 1991.

ALAN M. HAUSMAN, Department of Philosophy, with the title Professor Emeritus, effective July 1, 1991.

**PERSONNEL ACTIONS (contd)**

Emeritus Titles (contd)

JAMES W. KILMAN, Department of Surgery, with the title Professor Emeritus, effective July 1, 1991.

HARVEY R. KRUEGER, Department of Entomology, with the title Professor Emeritus, effective July 1, 1991.

JERZY R. KRZYZANOWSKI, Department of Slavic and East European Languages and Literatures, with the title Professor Emeritus, effective July 1, 1991.

ERNEST H. LOCKRIDGE, Department of English, with the title Professor Emeritus, effective August 1, 1991.

JULIAN H. MARKELS, Department of English, with the Professor Emeritus, effective July 1, 1991.

KEITH E. MIXTER, School of Music, with the title Professor Emeritus, effective July 1, 1991.

CHARLES F. PARKER, Department of Animal Science, with the title Professor Emeritus, effective July 1, 1991.

R. CLAYTON ROBERTS, Department of History, with the title Professor Emeritus, effective July 1, 1991.

GRAYCE M. SILLS, Department of Family and Community, with the title Professor Emeritus, effective July 1, 1991.

JUNIUS F. SNELL, Department of Biochemistry, with the title Professor Emeritus, effective July 1, 1991.

RAMESH C. SRIVASTAVA, Department of Statistics, with the title Professor Emeritus, effective July 1, 1991.

HELEN C. SWANK, School of Music, with the title Professor Emeritus, effective July 1, 1991.

H. YUAN TIEN, Department of Sociology, with the title Professor Emeritus, effective July 1, 1991.

CLINTON R. FOULK, Department of Computer and Information Science, with the title Associate Professor Emeritus, effective July 1, 1991.

ROLAND L. SEYMOUR, Department of Plant Biology, with the title Associate Professor Emeritus, effective July 1, 1991.

MELINDA J. TARR, Department of Veterinary Pathobiology, with the title Associate Professor Emeritus, effective July 1, 1991.

ELSIE L. WILLIAMS-WILSON, Department of Family and Community, with the title Associate Professor Emeritus, effective July 1, 1991.

SYLVIA A. ZAREMBA, School of Music, with the title Associate Professor Emeritus, effective July 1, 1991.

LAUREN M. BROWN, Department of Family Medicine, with the title Clinical Associate Professor Emeritus, effective July 1, 1991.

**PERSONNEL ACTIONS (contd)**

Emeritus Titles (contd)

PAUL C. BOWERS, JR., Department of History, with the title Assistant Professor Emeritus, effective July 1, 1991.

CHARLES J. MURPHY, Department of English (Mansfield Campus), with the title Assistant Professor Emeritus, effective September 1, 1991.

ROBERT S. PLATT, JR., Department of Plant Biology, with the title Assistant Professor Emeritus, effective July 1, 1991.

ROBERTO R. VILLALON, Department of Obstetrics and Gynecology, with the title Assistant Professor Emeritus, effective July 1, 1991.

JERRY W. LONG, Cooperative Extension Service, with the title Instructor Emeritus, effective July 1, 1991.

PHILIP A. RENNER, Department of Poultry Science, with the title Instructor Emeritus, effective July 1, 1991.

Medical Staff Reappointments (The Arthur G. James Cancer Hospital and Research Institute)

July 1, 1991 through June 30, 1993

CLARK ANDERSON, M.D., Associate, Medicine  
MARK W. ARNOLD, M.D., Associate, Surgery  
BELINDA R. AVALOS, M.D., Attending, Medicine  
LEONA W. AYERS, M.D., Associate, Pathology  
ROBERT BADALAMENT, M.D., Attending, Surgery  
PETER B. BAKER, M.D., Associate, Pathology  
STANLEY P. BALCERZAK, M.D., Attending, Medicine  
JAMES L. BARRETT, M.D., Clinical, Medicine  
ROLF F. BARTH, M.D., Associate, Pathology  
WILLIAM H. BAY, M.D., Associate, Medicine  
BRENT C. BEHRENS, M.D., Attending, Medicine  
DAVID C. BELL, M.D., Clinical, OB/GYN  
JEFFREY G. BELL, M.D., Clinical, OB/GYN  
CONSTANTINO BENEDETTI, M.D., Attending, Anesthesia  
SUSAN C. BENES, M.D., Associate, Ophthalmology  
DAVID BENJAMIN, M.D., Attending, Medicine  
WILLIAM F. BENNETT, M.D., Associate, Radiology  
LORRAINE BIRSKOVICH, M.D., Associate, Medicine  
FRANK BLOCK, JR., M.D., Associate, Anesthesia  
MICHAEL BLUMENFELD, M.D., Associate, OB/GYN  
CARL BOESEL, M.D., Associate, Pathology  
HARISIOS BOUDOULAS, M.D., Associate, Medicine  
BERTHA A. BOURONCLE, M.D., Attending, Medicine

**PERSONNEL ACTIONS (contd)**

Medical Staff Reappointments (The Arthur G. James Cancer Hospital and Research Institute) (contd)

July 1, 1991 through June 30, 1993 (contd)

JOHN G. BOUTSELIS, M.D., Attending, OB/GYN  
JAMES G. BOVA, D.O., Associate, Radiology  
BRIAN L. BOWYER, M.D., Associate, Phys/Medicine  
JOHN T. BRANDT, M.D., Associate, Pathology  
MARTHA A. BROGAN, M.D., Associate, Radiology  
CHARLES G. BROWN, M.D., Associate, Emerg/Medicine  
ROBERT A. BRUCE, JR., M.D., Associate, Ophthalmology  
THOMAS R. BULLOCK, M.D., Associate, Prevent/Medicine  
JOHN K. BURGERS, M.D., Associate, Surgery  
JOHN A. BURNS, M.D., Associate, Ophthalmology  
CHARLES A. BUSH, M.D., Associate, Medicine  
KENNETH V. CAHILL, M.D., Associate, Ophthalmology  
DONNA A. CANIANO, M.D., Associate, Surgery  
SAMUEL CATALAND, M.D., Associate, Medicine  
DONALD W. CHAKERES, M.D., Associate, Radiology  
ROBERT B. CHAMBERS, M.D., Associate, Ophthalmology  
CYNTHIA CHURCHILL, M.D., Associate, Psychiatry  
KATHRYN P. CLAUSEN, M.D., Associate, Pathology  
CHARLES T. CLOUTIER, M.D., Associate, Surgery  
SAM C. COLACHIS, M.D., Associate, Phys/Medicine  
CARL R. COLEMAN, M.D., Clinical, Surgery  
EDWARD A. COPELAN, M.D., Attending, Medicine  
CHRISTOPHER COPELAND, M.D., Clinical, OB/GYN  
LARRY J. COPELAND, M.D., Attending, OB/GYN  
WILLIAM COPELAND, SR., M.D., Associate, OB/GYN  
WILLIAM COPELAND, JR., M.D., Clinical, OB/GYN  
FERNANDO COSIO, M.D., Associate, Medicine  
ISABEL CUNNINGHAM, M.D., Attending, Medicine  
FREDERICK DAVIDORF, M.D., Associate, Ophthalmology  
LORETTA SMRTNIK-DAVIS, M.D., Associate, Medicine  
WILLIAM B. DAVIS, M.D., Associate, Medicine  
ALFRED DEMARIA, M.D., Associate, Neurology  
JOHN H. DILLON, M.D., Associate, Medicine  
WILLIAM G. DODDS, M.D., Associate, OB/GYN  
PAUL M. DORINSKY, M.D., Associate, Medicine  
JOSEPH R. DRAGO, M.D., Attending, Surgery  
JOSEPH R. DURHAM, M.D., Associate, Surgery  
PATRICK FAHEY, M.D., Associate, Medicine  
JAMES M. FALKO, M.D., Associate, Medicine  
WILLIAM B. FARRAR, M.D., Attending, Surgery  
ROBERT J. FASS, M.D., Associate, Medicine  
RONALD M. FERGUSON, M.D., Associate, Surgery  
LOUIS J. FLANCAUM, M.D., Associate, Surgery  
MARY E. FONTANA, M.D., Associate, Medicine  
LUCY R. FREEDY, M.D., Associate, Radiology  
BARRY M. FRIEDMAN, M.D., Associate, Medicine  
CHAD I. FRIEDMAN, M.D., Associate, OB/GYN  
JOHN J. FROMKES, M.D., Associate, Medicine

**PERSONNEL ACTIONS (contd)**

Medical Staff Reappointments (The Arthur G. James Cancer Hospital and Research Institute) (contd)

July 1, 1991 through June 30, 1993 (contd)

THOMAS M. FUHRMAN, M.D., Associate, Anesthesia  
STEVEN G. GABBE, M.D., Associate, OB/GYN  
JOHN GAEUMAN, M.D., Associate, Medicine  
REINHARD GAHBAUER, M.D., Attending, Radiology  
RICHARD A. GAMS, M.D., Clinical, Medicine  
JACK M. GEORGE, M.D., Associate, Medicine  
ERNESTO GOLDMAN, M.D., Associate, Anesthesia  
JOSEPH H. GOODMAN, M.D., Associate, Surgery  
LINDA S. GRAY, M.D., Associate, Medicine  
JOEL K. GREENSON, M.D., Associate, Pathology  
BHAGWANDAS GUPTA, M.D., Associate, Anesthesia  
ROBERT M. GUTHRIE, M.D., Associate, Fam/Medicine  
JERRY T. GUY, M.D., Clinical, Medicine  
KEVIN V. HACKSHAW, M.D., Associate, Medicine  
MONA Y. HALIM-ARMANIOS, Associate, Anesthesia  
SUE HAMMOND, M.D., Associate, Pathology  
LEE A. HEBERT, M.D., Associate, Medicine  
ARDEN K. HEGTVEDT, D.D.S., Associate, Dentistry  
JOHN S. HEINTZ, M.D., Associate, Medicine  
MITCHELL L. HENRY, M.D., Associate, Surgery  
SHEILA E. HODGSON, M.D., Attending, Radiology  
E. PAUL HOWANITZ, M.D., Associate, Surgery  
MICHAEL HOWIE, M.D., Associate, Anesthesia  
NORMAN P. HUDSON, M.D., Associate, Medicine  
JAY D. IAMS, M.D., Associate, OB/GYN  
REBECCA D. JACKSON, M.D., Associate, Medicine  
MICHAEL JOHANSON, D.O., Associate, Anesthesia  
ERNEST W. JOHNSON, M.D., Associate, Phys/Medicine  
DAVID E. JOLLY, D.D.S., Associate, Dentistry  
OLGA JONASSON, M.D., Associate, Surgery  
MICHAEL W. JOPLING, M.D., Associate, Anesthesia  
CHRISTOPHER KAEDING, M.D., Associate, Surgery  
PAUL E. KAPLAN, M.D., Associate, Phys/Medicine  
NEENA KAPOOR, M.D., Attending, Medicine  
CURTIN G. KELLEY, M.D., Associate/Title change, Ophthalmology  
DAVID R. KELLY, M.D., Associate, Otolaryngology  
MELANIE S. KENNEDY, M.D., Associate, Pathology  
SEDIGHEH KEYHANI-ROFAGHA, M.D., Associate, Pathology  
JAMES W. KILMAN, M.D., Associate, Surgery  
GARY KINDT, M.D., Associate, Pulmonary  
DENIS R. KING, M.D., Clinical, Surgery  
ROBERT KIRKPATRICK, M.D., Associate, Medicine  
MARIE KOLATTUKUDY, M.D., Associate, Anesthesia  
SUSAN L. KOLETAR, M.D., Associate, Medicine  
ALBERT KOLIBASH, M.D., Associate, Medicine  
ERIC H. KRAUT, M.D., Attending, Medicine  
CALVIN M. KUNIN, M.D., Associate, Medicine  
MARK B. LANDON, M.D., Associate, OB/GYN

**PERSONNEL ACTIONS (contd)**

Medical Staff Reappointments (The Arthur G. James Cancer Hospital and Research Institute) (contd)

July 1, 1991 through June 30, 1993 (contd)

PETER E. LARSEN, D.D.S., Associate, Dentistry  
CARL V. LEIER, M.D., Associate, Medicine  
RICHARD G. LEMBACH, M.D., Associate, Ophthalmology  
ALAN D. LETSON, M.D., Clinical, Ophthalmology  
GEORGE S. LEWANDOWSKI, M.D., Attending, OB/GYN  
ANDREW G. LIBERTIN, M.D., Associate, Medicine  
RAO P. LINGAM, M.D., Associate, Anesthesia  
JOHN A. LOMBARDO, M.D., Associate, Family Medicine  
LUIS A. LOPEZ, M.D., Associate, Anesthesia  
CHARLES J. LOVE, M.D., Associate, Medicine  
JOEL G. LUCAS, M.D., Associate, Pathology  
RAYMOND D. MAGORIEN, M.D., Associate, Medicine  
WILLIAM E. MAHER, M.D., Associate, Medicine  
WILLIAM B. MALARKEY, M.D., Associate, Medicine  
JAMES V. MARQUARD, D.D.S., Associate, Dentistry  
WILLIAM MARSH, JR., M.D., Associate, Pathology  
EDWARD MARTIN, M.D., Attending, Surgery  
ERNEST MAZZAFERRI, M.D., Associate, Medicine  
HAGOP S. MEKHJIAN, M.D., Associate, Medicine  
JERRY R. MENDELL, M.D., Associate, Neurology  
LAWRENCE J. MERVIS, M.D., Clinical/Title change, Surgery  
EARL N. METZ, M.D., Attending, Medicine  
DONALD MIDDENDORF, M.D., Associate, Medicine  
CHARLES MUELLER, M.D., Associate, Radiology  
JAMES L. MURPHY, JR., M.D., Associate, Anesthesia  
P. DAVID MYEROWITZ, M.D., Associate, Surgery  
JOHN L. MCDONALD, M.D., Associate, Anesthesia  
SUBIR NAG, M.D., Attending, Radiology  
NORRIS NAHMAN, M.D., Associate, Medicine  
HENRY A. NASRALLAH, M.D., Associate, Psychiatry  
JOHN C. NEFF, M.D., Associate, Pathology  
HERBERT B. NEWTON, M.D., Associate, Neurology  
THOMAS A. NIMS, M.D., Clinical, Surgery  
THOMAS M. O'DORISIO, M.D., Associate, Medicine  
JOHN OLSEN, M.D., Associate, Radiology  
MICHAEL OPREMCAK, M.D., Associate, Ophthalmology  
KWAME OSEI, M.D., Associate, Medicine  
RICHARD O'SHAUGHNESSY, M.D., Associate, OB/GYN  
ROBERT V. O'TOOLE, M.D., Associate, Pathology  
ERIC R. PACHT, M.D., Associate, Medicine  
HENRY L. PAGE, JR., D.D.S., Associate, Dentistry  
MICHAEL F. PARA, M.D., Associate, Medicine  
STEPHEN F. PARISER, M.D., Associate, Psychiatry  
ANTHONY PEARSON, M.D., Associate, Medicine  
ARTHUR E. PELLEGRINI, M.D., Associate, Pathology  
ROBERT L. PERKINS, M.D., Clinical, Medicine  
LARRY J. PETERSON, D.D.S., Associate, Dentistry  
SHERYL A. PFEIL, M.D., Associate, Medicine

**PERSONNEL ACTIONS (contd)**

Medical Staff Reappointments (The Arthur G. James Cancer Hospital and Research Institute) (contd)

July 1, 1991 through June 30, 1993 (contd)

RICHARD L. PIETERS, M.D., Attending, Radiology  
JOSEPH F. PLOUFFE, M.D., Associate, Medicine  
GARY L. RACEY, D.D.S., Clinical, Dentistry  
M. BHASKAR RAO, M.D., Associate, Medicine  
THOMAS E. REILLEY, D.O., Associate, Anesthesia  
HERBERT RIEMENSCHNEIDER, M.D., Associate, Surgery  
WILLIAM RIGSBY, M.D., Associate, OB/GYN  
JOHN B. ROBERTS, M.D., Associate, Surgery  
JOHN L. ROBINSON, M.D. Associate, Medicine  
VINCENT ROMANELLI, M.D., Associate, Anesthesia  
BRAD H. ROVIN, M.D., Associate, Medicine  
ROBERT L. RUBERG, M.D., Associate, Surgery  
ARTHUR L. SAGONE, M.D., Attending, Medicine  
ZARIFE SAHENK, M.D., Associate, Neurology  
MERVYN J. SAMUEL, M.D., Clinical, OB/GYN  
WILLIAM H. SAUNDERS, M.D., Associate, Otolaryngology  
STEPHEN F. SCHAAL, M.D., Associate, Medicine  
DAVID E. SCHULLER, M.D., Attending, Otolaryngology  
DAVID D. SEDMAK, M.D., Associate, Pathology  
DONALD A. SENHAUSER, M.D., Associate, Pathology  
HARI M. SHARMA, M.D., Associate, Pathology  
KATHY E. SHY, M.D., Associate, Psychiatry  
BRENDA SICKLE-SANTANELLO, M.D., Clinical, Surgery  
ROBERT T. SICKLES, M.D., Associate, Fam/Medicine  
RONALD J. SIEGLE, M.D., Attending, Otolaryngology  
ANDREW P. SLIVKA, M.D., Associate, Neurology  
JACK W. SMITH, JR., M.D., Associate, Pathology  
ROY E. SMITH, M.D., Attending, Medicine  
WILLIAM J. SOMERS, M.D., Associate, Surgery  
GAYLYNN SPEAS, M.D., Associate, Anesthesia  
CARL E. SPEICHER, M.D., Associate, Pathology  
ALFRED STOCKUM, M.D., Associate, Radiology  
MICHAEL SULLIVAN, M.D., Associate, Otolaryngology  
RAYMOND J. TESI, M.D., Associate, Surgery  
KARL S. THEIL, M.D., Associate, Pathology  
FRED B. THOMAS, M.D., Associate, Medicine  
DONALD E. THORTON, M.D., Attending, Medicine  
MICHAEL C. TOWNSEND, M.D., Associate, Surgery  
PIERRE TRIOZZI, M.D., Attending, Medicine  
MARLIN TROIANO, D.D.S., Associate, Dentistry  
PETER J. TUTSCHKA, M.D., Attending, Medicine  
MANUEL TZAGOURNIS, M.D., Associate, Medicine  
JAMES S. UNGERLEIDER, M.D., Attending, Medicine  
MICHAEL E. VANAMAN, M.D., Associate, Radiology  
DOUGLAS VAN FOSSEN, M.D., Associate, Medicine  
BRADLEY K. VAUGHN, M.D., Clinical, Surgery  
ROBERT C. VESSELS, D.D.S., Associate, Dentistry  
MICHAEL J. WALKER, M.D., Attending, Surgery

**PERSONNEL ACTIONS (contd)**

Medical Staff Reappointments (The Arthur G. James Cancer Hospital and Research Institute) (contd)

July 1, 1991 through June 30, 1993 (contd)

JOHN R. WARMOLTS, M.D., Associate, Neurology  
SHARON WASHINGTON, M.D., Associate, Medicine  
JOEL M. WEAVER, D.D.S., Associate, Anesthesia  
PAUL A. WEBER, M.D., Associate, Ophthalmology  
JEFFREY WEILAND, M.D., Associate, Medicine  
LAWRENCE D. WEIS, M.D., Associate, Surgery  
ELIZABETH WELLER, M.D., Associate, Psychiatry  
BRADLEY WELLING, M.D., Associate, Otolaryngology  
MARK D. WEWERS, M.D., Associate, Medicine  
RONALD L. WHISLER, M.D., Associate, Medicine  
TENNYSON P. WILLIAMS, M.D., Associate, Fam/Medicine  
JONATHON K. WILKIN, M.D., Associate, Medicine  
HENRY A. WISE, M.D., Clinical, Surgery  
BRUCE E. WOODWORTH, M.D., Associate, Surgery  
CHARLES F. WOOLEY, M.D., Associate, Medicine  
DAVID O. YABLOCK, M.D., Associate, Anesthesia  
ALLAN J. YATES, M.D., Associate, Pathology  
JEFFREY P. YORK, M.D., Associate, Surgery

Medical Staff Title Changes (The Arthur G. James Cancer Hospital and Research Institute)

CURTIN G. KELLEY, M.D., Ophthalmology, from Clinical to Associate Attending, July 6, 1990

LAWRENCE J. MERVIS, M.D., Surgery, from Associate to Clinical Attending, March 1, 1991

Medical Staff Appointments (The Ohio State University Hospitals)

WILLIAM B. BETTS, Limited Staff, Department of Surgery--Division of Neurosurgery

HAROLD E. HESTAND, Courtesy Staff, Department of Pediatrics

Upon motion of Ms. Casto, seconded by Mr. Colley, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**RESOLUTIONS IN MEMORIAM**

Resolution No. 92-11

Synopsis: The Academic Affairs Committee recommended the approval of the Resolutions in Memoriam for Paul C. Clayton, Lisa A. Gunyula, Sue Ann Longenecker, Olive W. Parrish, Norman L. Somerson, and Carroll A. Swanson.

RESOLVED, That the Board adopt the following Resolutions in Memoriam and that the President be requested to convey a copy to the families of the deceased.

### **RESOLUTIONS IN MEMORIAM (contd)**

Paul C. Clayton

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on June 1, 1991, of Paul C. Clayton, Professor Emeritus in the Department of Poultry Science.

Dr. Clayton was born in Upper Sandusky, Ohio, on October 16, 1924, and lived during his early years in Bucyrus, Ohio. He was an army veteran of World War II. He received the B.S., M.S., and Ph.D. from The Ohio State University in 1949, 1950, and 1954, respectively. Between 1953 and 1955, he was employed as Assistant Professor and Extension Poultry Marketing Specialist, Department of Agricultural Economics, University of Nebraska, Lincoln, Nebraska. In 1955, he was appointed as Assistant Professor of Poultry Extension, The Ohio State University. In 1957, the appointment was expanded to include poultry marketing work for the Experiment Station. Dr. Clayton was appointed to teach the poultry marketing and farm management courses in the Department of Poultry Science in 1959. He was promoted to the rank of Associate Professor in 1960.

Dr. Clayton was extremely active in The Ohio State University International effort between the years 1961 and 1972. From 1961-64, he was a member of The Ohio State University - USAID Agricultural University Development Team, Punjab Agricultural University, Ludhiana, Punjab, India. After one year back in the Department, he participated as a member of The Ohio State University - USAID Agricultural University Development Team, University of Udaipur, Udaipur, Rajasthan, India from 1965-68. Upon his return from India, he served as Assistant Group Leader and member of The Ohio State University - USAID Agricultural University Development Team, College of Agriculture, University of Sao Paulo, Piracicaba, Brazil for the years 1968-71. He then returned to India for two years at the Haryana Agricultural University, Hissar, Haryana, India.

From 1972 until his retirement in 1985, he was Professor and Extension Specialist, Department of Poultry Science. Dr. Clayton published a variety of extension, industry, and Experiment Station articles and bulletins on poultry, egg, and meat marketing. He contributed monthly articles for a departmental newsletter distributed to the Ohio Poultry Industry.

Dr. Clayton was a member of The Poultry Science Association, American Agricultural Economics Association, World's Poultry Science Association, and Gamma Sigma Delta.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Lisa A. Gunyula

The Ohio State University Board of Trustees expresses its sorrow upon the death on February 1, 1991, of Dr. Lisa A. Gunyula, Clinical Assistant Professor in the Department of Pediatrics.

Dr. Gunyula was born September 4, 1962, in Salem, Ohio. She graduated from Kent Roosevelt High School in 1980, and in 1986 she graduated summa cum laude from North Eastern Ohio University College of Medicine after completing a six-year medical program through the University of Akron.

She completed her three-year pediatric residency at Children's Hospital in Columbus under Medical Director, Grant Morrow III, M.D., chairperson of the Department of Pediatrics at Ohio State, and followed that up by serving one year as a chief resident at Children's Hospital.

**RESOLUTIONS IN MEMORIAM (contd)**

Lisa A. Gunyula (contd)

During her residency, Dr. Gunyula was regarded as a symbol of youth and vitality, kindness and warmth, intelligence and clinical expertise. She related wonderfully well to patients. As a chief resident, she led with sensitivity and humility, earning the genuine respect of her peers. She was nominated as House Staff Officer of the Year in 1989 and was later selected as the inaugural recipient of the Ross Award for Excellence in Pediatrics, which since her death has been renamed the Lisa A. Gunyula Award of Excellence in Pediatrics.

In July 1990, Dr. Gunyula entered a private practice with Professional Pediatrics, Inc., working with Nancy L. Hestand, M.D., and Ray Wheasler, M.D.

On behalf of The Ohio State University, the Board of Trustees expresses to the family its deep sympathy and a sense of understanding in their loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Sue Ann Longenecker

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on May 31, 1991, of Sue Ann Longenecker, Clinical Associate in the Faculty of the Division of Dental Hygiene, College of Dentistry.

Born in Youngstown, Ohio, Sue Ann Longenecker was a graduate of The Ohio State University, where she received the Certificate in Dental Hygiene in 1976, and the Bachelor of Science in Education in 1977. She was awarded the Master of Education degree by Bowling Green State University in 1982.

While studying for her Master's degree, Ms. Longenecker was an instructor at Lima Technical College. In addition she worked as a dental hygienist in private practice. In 1983, she took a position on the faculty at Ohio State teaching oral anatomy, and dental materials as well as clinical dental hygiene. In addition, Ms. Longenecker was a pre-doctoral student in Curriculum Instruction and Professional Development in the College of Education.

Her professional memberships included Phi Delta Kappa, a professional fraternity in education; Sigma Phi Alpha, a dental hygiene honorary; American Dental Hygienists' Association; American Association on Dental Schools; and the Commission of Dental Testing in Ohio.

Students under the tutelage of Ms. Longenecker will remember her ability to create a learning environment that challenged them to become critical thinkers and creative problem solvers.

On behalf of the University community, the Board of Trustees expresses its sympathy and understanding to the family of Sue Ann Longenecker. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

### RESOLUTIONS IN MEMORIAM (contd)

Olive W. Parrish

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on May 25, 1991, of Olive W. Parrish, Instructor Emeritus in the Cooperative Extension Service.

Olive Parrish was born September 26, 1909, in McArthur, Ohio. She received her B.S. in Home Economics from The Ohio State University in 1931. She then continued her education through graduate work at The Ohio State University in 1932, and at Ohio University in 1934.

In 1947, Olive Parrish began her Extension experience in Ohio as a Home Demonstration Agent in Hamilton County. In 1954, she assumed the position of Extension Specialist in Consumer Food Marketing. She continued her experience as a Home Economics Supervisor in Northwest, Ohio, in 1957. She then served in Athens County as an Extension Instructor beginning in 1962 and continued in this position until her retirement in 1968.

Instructor Parrish was affiliated with the Extension Honorary Fraternity, Epsilon Sigma Phi, as well as the American Economics Association and Ohio Home Economics Association. She was also a member of the Grange, Eastern Star, and Athens County Farm Bureau. Olive Parrish did 4-H Club work and worked with urban and rural homemakers.

Her contributions included a sincere interest and devotion to Home Economics Extension programs for many years. Her dedication earned her much admiration and respect from all those around her.

On behalf of the University community, the Board of Trustees expresses its deepest sympathy and understanding to friends of Olive Parrish. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees.

Norman L. Somerson

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on April 29, 1991, of Norman L. Somerson, Professor in the Departments of Medical Microbiology and Immunology, and Pediatrics.

He was born December 17, 1928, in Philadelphia, Pennsylvania. He received a Bachelor of Science from Marietta College; his Master of Science degree in 1952 and his Ph.D. in 1954, both from the University of Pennsylvania. Dr. Somerson's professional experience included two years as an Assistant Professor of Biology at Bucknell University, five years as a Research Microbiologist at Merck and Co., and four years as a Commissioned Officer and Senior Scientist, U.S. Public Health Service, National Institute of Infectious Diseases, NIH. He joined The Ohio State University in 1966 as an Associate Professor of Medical Microbiology and was promoted to Professor in 1969.

Dr. Somerson made many important contributions to Microbiology. At Merck, he was responsible for two patents involving improved methods of microbial fermentation for the production of antibiotics and amino acids. While at NIH and later at The Ohio State University, he made many outstanding contributions to our knowledge of mycoplasmas, especially Mycoplasma pneumoniae, the etiologic agent of primary atypical pneumonia in humans. With funding from the NIH, he was responsible for the research, development, and production of several thousand doses of an experimental M. pneumoniae vaccine for testing in humans. In 1985, he received recognition from his peers by being elected Chairman of the Division of Mycoplasmatology of the American Society for Microbiology.

**RESOLUTIONS IN MEMORIAM (contd)**

Norman L. Somerson (contd)

Dr. Somerson taught both graduate and professional level courses at the University. For seventeen years, he played an important role in the Independent Study Program of the College of Medicine. He served on the Executive, Curriculum, and Publications Committees of this Program. Dr. Somerson was the advisor for three Master's and four doctoral students. In 1981, Dr. Somerson was appointed to the United States Air Force Academy as Distinguished Visiting Professor in the Department of Biology. In addition to his teaching responsibilities, he advised and counseled cadets and participated in curriculum development as part of an effort to improve the Academy program.

In his twenty-five years of service to the University, Dr. Somerson served on fourteen departmental, college and university committees. This service included committees of the Department of Pediatrics and the Children's Hospital Research Foundation.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in their loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Carroll A. Swanson

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on June 9, 1991, of Carroll A. Swanson, Professor Emeritus in the Department of Plant Biology.

Professor Swanson was born September 6, 1915, in Burlington, Iowa. He earned his B.S. from Augustana College, Rock Island, Illinois, in 1937, from whom he also received an outstanding achievement award in 1973. He did all of his graduate work at Ohio State; he received his M.S. in 1938 and his Ph.D. in 1942.

Professor Swanson began teaching at Ohio State in 1940 and became a full professor in 1956. He served as Chairman of his department (then Botany) from 1967 to 1969 and as associate dean of the College of Biological Sciences from 1969-70. He was named Professor Emeritus in 1985.

Professor Swanson was a specialist in plant physiology and contributed substantially to the development of that field, both through conducting a vigorous research program and teaching undergraduate and advanced courses. He trained many outstanding graduate students and postdoctoral fellows during more than 45 years of service to Ohio State.

Professor Swanson was the author of many scholarly publications, served on numerous university committees and was active in several professional societies, serving on committees and editorial boards as well as holding elected office. Additionally, he served as research consultant to the Manhattan Project from 1944 to 1946 and was an advisor to the governments of India (1965) and Brazil (1973) through the auspices of the USAID Program.

**RESOLUTIONS IN MEMORIAM (contd)**

Carroll A. Swanson (contd)

On behalf of the University community, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees, and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Upon motion of Ms. Casto, seconded by Amb. Wolf, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**STUDENT AFFAIRS COMMITTEE REPORT**

Mr. Tonnies:

I would like to turn the meeting over to Dean Hollingsworth.

Dean Hollingsworth:

Good morning. Our presentation this morning is most fortuitous. Last time we met, I spoke with you about some of the funding issues related to student activities and student organizations on campus, and that we were needing to look at new models for funding student activities. I did not know at the time that WOSR was going to request to make a presentation today, but WOSR is a prime example of one of the types of organizations that I was talking about last month. A very worthwhile group, a group of students that are very dedicated and work hard. They have some rather substantial financial needs, and yet we have a very small pool of resources in which to fund these types of activities.

The issues relating to media groups are probably some of the most difficult ones for us, because the media groups tend to be the most expensive class of student organizations. Our year book has spent years struggling and has finally gotten themselves on their feet. The student humor magazine is essentially out of business because they simply have not been able to make it financially. The student literary magazine for the first time looked like they were going to run a deficit this year, but they did a couple of creative things to avoid this. The student media in general is a significant issue. WOSR is a particular concern at this time simply because of the state of their equipment and the cost. Kevin Hitch, Program Director, is going to make a presentation for you on what they have been doing and how hard they have been working. Kevin --

Mr. Kevin Hitch:

Thank you for allowing us the opportunity to present our case to you on behalf of student run radio. As Dean Hollingsworth mentioned I am Kevin Hitch, the program director of WOSR and this is Scott Vezdos, our sales director. We are just two of the members of our executive staff that were able to come today, the others left at 6:00 this morning for New York City for a big new music seminar, so we were left on our own.

**STUDENT AFFAIRS COMMITTEE REPORT (contd)**

Mr. Hitch: (contd)

WOSR is the radio station at The Ohio State University completely student run and operated. It is our hope to present to you the needs and benefits of WOSR and to seek agreement on a vision for the future of our station.

Mr. Scott Vezdos:

First, I would like to point out that we at WOSR feel that OSR is of extreme importance to The Ohio State University. Not only does it provide a great outlet for the people who want to go into the broadcasting field or broadcast journalism, but we can provide a great service to the campus community. Not only with what we play, the diversity of music, but we also offer a lot of talk shows but we also offer a lot of news casts in cooperation with the Journalism Department.

We still feel that this is a dream to us, that we still can't provide this service to the University. It seems like such a problem to us. Kevin and I have been with WOSR for the past two years, and we still cannot believe what is going on. Even the staff, who are really involved with it, still feel that our financial backing is very inadequate. What we are hoping to present to you are clear benefits that we can provide to the University and why we should receive some financial backing.

Mr. Hitch:

The station currently operates under the system of carrier currents and cable radio. A carrier current is a system of phone lines that lead to transmitters in each dorm and broadcasts on an AM frequency. This is only powerful enough to reach the entire dorm itself. Under that system, we need about 22 dormitories supplied under that method; however, that only reaches a potential audience of 10,000 people. Cable radio is available on the Warner Cube Cable service if you have cable television. There is what is called a FM stereo hookup available to subscribers at \$3.00 a month, and it allows reception of many of the cable stations in stereo, as well as WOSR. So that is where the bulk of our listeners have been over the years.

It is our hope that we might be able to upgrade to a FM facility in the near future. This would involve going through the process of applying for a FCC construction grant. In involves engineering surveys, which lead up to the application of those grants, some of which we applied for as early as 1983.

We have discovered a lot about our little known past, and have found that in fact we had talked to the Board of Trustees in 1976. At that time, they had recognized the need for WOSR and had asked us to go through the motions of applying for a 10-watt FM transmitter, now the minimum is a 100-watt FM transmitter. As luck would have it, our sister station at Carnegie Melon University has donated to us a 100-watt FM transmitter, as they have upgraded their power. That covers one-sixth of the necessary costs in equipment alone to upgrade to FM. I will get to the overall costs in a minute.

## **STUDENT AFFAIRS COMMITTEE REPORT (contd)**

Mr. Hitch: (contd)

Why should we act now? We feel that now, more than ever, we are dedicated toward changing and getting out of the financial difficulties that we have been experiencing. We feel that over the years we have never been in the proper funding bracket. We are in the same pool as student governments and other student organizations, and there is just not enough money to go around. And because we have never been able to adequately operate on financial ground, we have been unable to service our public. The deficits have been so great that we have been unable to make it. It is our feeling that going to FM operation will allow us to change all of that.

We do have a dynamic staff. The members of our staff come from every background that you can think of and are very capable. Our active membership right now is 50 to 80 students, with virtually no listenership and no promotion. People just come by or happen to hear about us and are very interested.

As you will see very soon, we do have a sound vision for the future. We do have growing support from the administration, now more than ever before, and greatly appreciate the efforts and time that Dean Hollingsworth, Dr. Spillman, and President Gee have taken to listen to us. Now we feel that it is the time for us to move.

Mr. Vezdos:

This slide will show a comparison of funding levels for other student radio stations at Big Ten universities. This chart does not include all of them for one reason or another. As it turned out from my research, the Big Ten schools seem to have the most diverse styles of college radio in existence.

Illinois University, in particular, is one of three or four actual commercial radio stations that are student run. They sell commercial air time and they gain revenues of over \$400,000 a year; however, they are also a formatted radio station. The reason we don't think that to be a possible future for WOSR is because we like to think of ourselves as being a more service-oriented type of station. The artistic and the egalitarian values would be impeded by going to such a format.

Michigan State University however is completely student run and operated and is a free format station. As of next year, they will get an annual revenue of over \$300,000. They use a really unique method which we will describe later. We feel that it is a very good way for us to receive funding, while at the same time having the students involved.

Michigan University and Michigan State both have a two-station system -- a carrier current system and a FM system. This is partially because the large student body demands that there be more involvement, and also because there are different values for each station. Michigan University receives about \$14,000 annually for the two stations combined, and then the FM radio station raises \$34,000 in the Ann Arbor area by an annual radio talk.

Northwestern University is very similar: \$15,000 through support from the University; \$30,000 through the radio station. They do have one of the best free format student run stations and are considered one of the top five in the country.

## **STUDENT AFFAIRS COMMITTEE REPORT (contd)**

Mr. Vezdos: (contd)

Indiana University in the past has received upwards of \$24,000 annually from the University. They were informed, in advance, that this funding would be cut off. We are not sure of the reason, but we are still looking into it. However, they later raised \$10,000 on their own -- which was actually enough to cover their expenses -- through support of alumni and through the use of remote DJ services for parties, fraternities, and dorms.

This slide shows that our needs were \$3,000 approximately for the past year. It just goes to show that it is not the money that makes the station, it is actually the involvement of the organizations and the students involved that can make it a very dynamic station. We feel that with one of the largest universities in the world, the resources are more than plentiful here.

This slide shows the expenses that are involved with our station. Right now this is how we see a potential migration time table. This is not what we are asking for specifically in terms of money, this is merely showing how we see our needs for the next five years. First of all, the carrier current installation would cost about \$27,000. Like I mentioned, this would only cover the students involved in the dorms. We would maintain our cable status because in order to go FM, the turnover time is going to be at least two years. Nevertheless, we want to still reach our public and try to be as self-sufficient as possible.

Our studios are in definite need of equipment refurbishing. Most of our studio equipment is ranging from 15-20 years old and would cost about \$22,000. We see that as being something that could be furnished over the next academic year.

This slide shows the estimated cost for applying for a construction grant. After 3 years we are still waiting for information from WXUT, the University of Toledo student run station which has just gone FM in the last year. They are going to assist us in the process of obtaining the FM license.

To build the FM facility, which would be in a 2-4 year span, would cost about \$60,000; \$10,000 of which is already covered by the FM transmitter donated to us by the Carnegie Melon station. At that time, what we are proposing is building a second studio. First of all, I must mention that the carrier current station is not etched in stone. We could probably live the next two years on cable operations and maybe add a couple of other carrier current systems. But we feel that it would be very beneficial, given the amount of student involvement which would probably occur, that we create a second studio -- one for FM and one for carrier current. We could have mutual sharing of a production studio which is where we make all of our promotions and public service announcements, as well as our record library. We have a library of over 10,000 records currently, and that would cost about another \$18,000.

Now the ongoing operations are the basic operating expenses for the year which include: subscription to various journals that we have to report our music playing to, and standard office needs. Obviously, the figure will increase when we go to FM, largely because of the equipment upkeep. But, as we noted, once we go to FM, based on the estimates from the Cleveland radio stations we might be able to raise about \$20,000 annually.

**STUDENT AFFAIRS COMMITTEE REPORT (contd)**

Mr. Vezdos: (contd)

There are five student run stations on FM in the Cleveland area, all of which are considerably smaller than Ohio State in the size of student population. They are: Cleveland State University, Case Western Reserve, John Carroll University, Oberlin College, and Baldwin Wallace College. Our estimates show that they all raise between \$17,000 and \$30,000 annually. We feel that \$20,000 is a very safe estimate, given the fact that this is an untapped market and does not include the other fundraisers that we do.

One funding alternative that we are proposing is an activity tax of \$1.00 per quarter. This is basically what Michigan State University does. The way they do it is they have three main student or activity organizations -- the radio station, the student government, and I cannot remember what the third one is. They have a student levy, the students themselves vote annually on whether they are going to fund these organizations and the amount that they are going to fund them. For these student radio stations, they have voted to raise it \$1.50 per student, per quarter for next year. So that will bring them to over \$300,000. One dollar is just an arbitrary amount. This has been proposed to the University by the student allocations committee because there is such a need for funding for student organizations in general. We feel that this may be helpful to clear out the financial needs of student organizations. This is not to say that this should be entirely what they live off of. As you can see, that \$1.00 difference to students would be negligible, yet we are not asking you to call for that money. We are asking you to possibly consider having the students vote on it. It would be a real life experience, voting on a tax levy. The difference for our organization would be vital.

Mr. Hitch:

We might not want to make it mandatory, but possibly put it on the BRUTUS and ask students if they want to help with the funding.

Mr. Vezdos:

The radio stations, the FCC, everyone could benefit from that.

Mr. Hitch:

Brutus could have WOSR on there as an alternative check box.

Some other alternatives include: remote DJ services which we are doing. We also have equipment donated from our students themselves. We do benefit concerts, program advertising and underwriting, which is similar to advertising only it is not a hard sell technique, it is more of a program sponsorship, much like public radio or any television. We do credit card application-type fundraisers, selling T-shirts, etc.

One proposed method is possibly inspiring various dorm councils. They have expressed interest in receiving WOSR. Some of them do have enough funding while others do not. There might be a method where we could suggest seeing if the University would provide a matching gift. Say if you were to provide half of the funding for the carrier current, we would provide the other half.

**STUDENT AFFAIRS COMMITTEE REPORT (contd)**

Mr. Hitch: (contd)

Contributing memberships for OSU organizations -- many organizations have expressed interest in being involved with us including: the OSU Athletic Department; USG has talked with us; and other various minority and special interest groups. These groups might be willing to contribute if there was a worthwhile product to give them.

Program underwriting -- we feel this can raise a substantial amount per year, however at the same time it would be helpful to have a product to sell.

Donations from foundations -- we have been looking into grants and we are working to some degree with the OSU Development Office now at the request of President Gee. We did a quick rush job on applying for a Columbus Foundation grant. We obviously will be a little bit more prepared for the next one. And we are looking into more grant opportunities.

University support -- we want to see what we can offer to the University and what the University can offer us. Obviously, initial support would help get us over the hump, and there is a definite payback to the University community.

In summary, what we are asking for is a vision -- an agreement on a vision. We are looking for an economically viable station that is able to reach its audience. A station where student involvement and the vast abilities of the OSU community make this station dynamically rewarding, while at the same time the financing merely serves as a device to carry the message. We are looking for an agreement to move quickly to secure a FM license. History has shown that stations like ours could engineer annual radiothons often covering the costs of the stations operations, and thus become self-sufficient. We are looking for an agreement on such a migration plan, such as the one we are proposing, and trying to find an agreement that this is the route our station should take toward vitality.

Continual financial support -- we are overwhelmed at the amount admittedly, especially in these tough financial times. But we hope that the University will continue its support and commit to fund any short falls, especially in the next couple of years. This is our greatest need. However, we are constantly searching for alternatives and ask you to consider those alternatives and see how the University might be able to help us in spite of these times. Given the student turnover rate in the last four or five years, we would like to see a little bit of the results of what might happen in other times.

Thank you very much for your time.

Mr. Tonnies:

Are there any questions for Kevin or Scott? What do you estimate your listening audience to be right now?

Mr. Hitch:

That is a tough estimate. We have only one working transmitter located in Baker Hall East.

**STUDENT AFFAIRS COMMITTEE REPORT (contd)**

Mr. Vezdos:

And only half of Baker Hall receives it, even though the whole dorm should get it.

Mr. Hitch:

During our best times the reports we received showed that we were operating in 9 to 11 dorms. At the same time, we had a strong cable signal. We haven't had much of a strong cable signal over the last year because we moved from the Drake Union to the Ohio Union and there have been a lot of technical complications. However, we have been told that at times we receive up to 1,500 requests in one month. In the last year, we probably received on an average 5 requests a month. There would be a huge difference if we had a potential listening audience on FM with upwards of a million people. As I mentioned, a lot of the research has been done to go through that process.

Mr. Tonnies:

Any other questions for right now? If you could give me another copy of your report, I will give it to Madison Scott and he will have it printed up for the whole Board so that they can read it. Thank you, very much.

In our second half-hour, the student government leaders discussed with the Committee ideas and issues facing the students in the upcoming academic year. Christine Chen, President of USG, brought up budget and tuition problems, something that we will talk about on a yearly basis. She brought up the point about increased communication with the students as to why tuition increases are needed. Also the fact that students are concerned with safety on campus, along with the impact of political correctness and all that that term has, what it means to students, and what impact that will have on the student population.

Shawn Tipton, President of the Council of Graduate Students, submitted a report to the Student Affairs Committee and again we will make that available to all of the Trustees. He highlighted some areas which need additional resources, including: counseling and consultation services, financial aid, and the student health service. Graduate students are also concerned about the pressure the University is putting on certain earning units and the possible negative consequences in the future for students.

Mark Slivka, President of the Inter-Professional Council, brought up several points, too, highlighting tuition increases, campus safety, traffic and parking, and increased library hours for the medical library, to name a few.

Mr. Chairman, the Committee and I will continue to work with the Student Government leaders along with Dr. Spillman and Dean Hollingsworth to address these issues in our future meetings and to keep the President and the Board aware of student issues and problems.

If there are no questions, that concludes my report.

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**FISCAL AFFAIRS COMMITTEE REPORT**

Mr. Shumate:

The Committee is recommending the following resolutions:

**REQUEST FOR CONSTRUCTION BIDS**

Resolution No. 92-12

**EVANS LABORATORY RENOVATION - BERLINGER RESEARCH**

Synopsis: The Fiscal Affairs Committee recommended the approval of the Request for Construction Bids for Evans Laboratory Renovation - Berlinger Research.

WHEREAS the University desires to proceed with renovation of five laboratories on the first floor of Evans Laboratory to house the Berlinger Research group; and

WHEREAS the total estimated project cost is \$245,000.00, and the total estimated construction cost is \$220,500.00, with funding provided by Senate Bill 336:

NOW THEREFORE

BE IT FURTHER RESOLVED, That the President and/or Acting Vice President for Business and Administration be authorized to request construction bids on this project in accordance with established State of Ohio and University procedures, and if satisfactory bids are received, to award contracts, with all actions to be reported to this Board at the appropriate time.

Upon motion of Mr. Shumate, seconded by Mr. Teaford, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix VI for background material, page 123.)

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Mr. Nichols:

For the Employment of Architects and Construction Managers and Request for Construction Bids projects, I am going to show a few slides for your information. The locator map is on the board. You are looking to the west, with the bottom being High Street and you see the orientation with the Stadium. There is the parking garage on West Twelfth Avenue, which is immediately adjacent to the Dental Clinic and currently ties in with an overhead walkway to the Cancer Hospital. Next is a view looking to the west of the garage which currently holds about 350 cars and is three stories high. You see the walkway over Twelfth Avenue and the elevator tower which is in between the brick structure that goes up. What we will be doing is adding three floors to this particular garage, which should give us somewhere between 300 - 330 additional spaces. In addition, the greenhouses that you see immediately to the right are in bad disrepair and money has been allocated in the current capital budget for replacement of those greenhouses.

Mr. Nichols: (contd)

In a cooperative effort between Campus Planning, the University Architect's Office and the College of Biological Sciences, as well as the Office of Health Sciences, Dr. Tzagournis and University Hospitals, Reed Fraley, we are going to build three additional stories onto this garage. We will then lay a floor or deck on top and place the new greenhouses on top of the garage. It is a multi-use structure. The current greenhouses on the side will then be demolished. This is a typical floor in the garage and it will go up three additional floors with the deck.

This particular project has a total estimated project cost of \$7.6 million. The capital bill will provide \$4.1 million and \$3.5 million will be provided from University funds (Traffic and Parking) for the garage.

My only other comment might be, Mr. Chairman, members of the Board, is that this project is going to go from initial discussion, which occurred in February, to construction in six months. That may not be a record, but certainly a cooperative effort between the College of Biological Sciences, Health Sciences, and the Hospitals as well as the academic support areas. And that is presented for your consideration. Are there any questions?

**EMPLOYMENT OF ARCHITECTS/CONSTRUCTION MANAGERS  
AND REQUEST FOR CONSTRUCTION BIDS**

Resolution No. 92-13

**BOTANY AND ZOOLOGY GREENHOUSE AND  
12TH AVENUE PARKING GARAGE**

Synopsis: The Fiscal Affairs Committee recommended the approval of the Employment of Architects/Engineers and Construction Managers and Request for Construction Bids for the Botany and Zoology Greenhouse and 12th Avenue Parking Garage project.

WHEREAS a resolution adopted by the Board of Trustees on December 1, 1989, authorized the employment of an architectural/engineering firm to demolish existing Botany and Zoology greenhouses and headhouse and construct, on that site, a new greenhouse complex for research and teaching in the biological sciences; and

WHEREAS the University has revised these plans to include an addition to the 12th Avenue Parking Garage to include approximately 300 parking spaces on three levels; interstitial space, and a greenhouse facility located at the top level of the structure; and

WHEREAS the new total estimated project cost is \$7,600,000.00, and the total estimated construction cost is \$6,265,000.00, with funding provided by House Bill 808 (\$4,098,183.00) and University funds (\$3,501,817.00):

NOW THEREFORE

BE IT RESOLVED, That the President and/or Acting Vice President for Business and Administration be authorized to include this revised project in the scope of work of the architectural/engineering firm selected for the original project pursuant to previous Board authorization and to select construction management firms as necessary for this project and that the fees for these services be negotiated between the firms selected and the State of Ohio; and

**EMPLOYMENT OF ARCHITECTS/CONSTRUCTION MANAGERS  
AND REQUEST FOR CONSTRUCTION BIDS (contd)**

**BOTANY AND ZOOLOGY GREENHOUSE AND  
12TH AVENUE PARKING GARAGE (contd)**

BE IT FURTHER RESOLVED, That the President and/or Acting Vice President for Business and Administration be authorized to request construction bids on this project in accordance with established State of Ohio procedures, and if satisfactory bids are received, to recommend the award of contracts, with all actions to be reported to this Board at the appropriate time.

Upon motion of Mr. Shumate, seconded by Amb. Wolf, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix VII for background material, page 125.)

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Mr. Nichols:

There are three awards that I will quickly just reference. I will not cover the Mansfield Founders Auditorium renovation, the Sealant Replacement on Bakers Systems Engineering Building, and the South Bass and Gibraltar Islands projects involving erosion from Lake Erie and the Seagrass program.

The first project I would like to describe is the Aviation Facility located on 19th Avenue. This is currently the building which has no real name other than to be called the 164 West 19th Avenue Building. It will hold the academic offices for the Department of Aviation, which are currently located at Don Scott Field. This fairly significant move is part of the master plan -- moving the academic operations down to Central Campus to eliminate a lot of the transportation that we have had.

This slide shows how very close the conception of the building will look like and two additional floors will be added on top. All the numbers are in your Board book so you can look at them, but in terms of all of the projects, particularly the Law School addition and the Brown Hall Annex addition, the cost factors involved in terms of the bidding were well below estimates. You will also note that there were a considerable number of bidders on these projects, including some bidders that we have not seen for a while, frankly, who have been working on larger projects and have not been working on University work even though some of our work is in the \$10-20 million range.

The next project that I want to reference for you is the Brown Hall Annex Replacement which is along 18th Avenue, between 17th and 18th Avenue. In terms of a sight plan the blue building in the very center is Brown Hall, the yellow building to the left is Dulles, the yellow building to the right is Denney Hall. Immediately behind Dulles Hall and adjacent to the Math Building will be the Math Tower about seven stories, and then a lower structure which will be the classroom building, which will be two stories. The red building is the Mathematical and Physical Sciences Basic Library which is a combination of seven libraries which are currently scattered in different locations and are in very cramped quarters.

Mr. Teaford:

Am I not right, too, Mr. Nichols, that the Brown Hall Annex, which all of this is replacing, is just where that one classroom building is?

Mr. Nichols:

That's right. It encompasses the building immediately to the right which is the existing math building. The next building will be office space, conference areas, and laboratories for the Department of Mathematics which is going to be a seven story tower. The building right next to it which is the two story structure, the classroom structure, actually will sit on top of what is now the Annex.

I might also mention that what is called the Brown Hall Annex was the original power plant for the University. One of the difficulties of construction on this site is that there are numerous underground tunnels involving steam lines and other utilities that must be addressed. I think one of the more exciting things about this particular project was the opportunity for Philip Johnson, who is perhaps the most renowned living architect currently in the world, to be the design architect. He almost never does university work, but wanted to do one more project and we were able to have him work on this project. This should be very impressive in terms of what 18th Avenue is going to look like in that area when this project is completed.

Bids on this particular project were exceptional and I did want to point out that the general contract came in at \$10.2 million on an estimate of \$14 million which is 27 percent under the estimate. And all bids combined were 22 percent under the estimate. There were five general contractors bidding and as an example of what I mentioned before, Turner Construction Company was the low bid and we have not seen them bid on campus work until very recently again.

The other project that I wanted to bring to your attention which is appropriate given the occupation of so many of our Board members, is the Law Building which is just south of the Ohio Union. This slide is an overall design plan of the Oval and you see in the upper right hand corner the Law College and the green space around it.

The darker gray area is the addition and the building is being reoriented to the Central Campus and what is called a prow, which is the trunk or the point coming out there toward the main campus. There is an effort being made to make this very attractive from a green space point of view, and I think that this is going to be a very attractive addition to that particular part of campus.

This is an interior shot of the lobby in the prow of the building, the point of the building in the new area. The building is going to be very airy and light. This slide shows a true vision, it is a computer simulation of what the building is going to look like. The columns dress up this particular building very much.

In closing on that section, I would like to say that we had eleven bidders on the general contract for this particular job. Sherman Smoot Company was the winner at 10 percent under the estimate and several of the other estimates were in double digits in terms of being below the architects estimates. We are very pleased at the construction bids that we are getting today.

Mr. Kessler:

Jim, was the architect Bohm?

Mr. Nichols:

That is correct -- Bohm-NBBJ.

**REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS**

Resolution No. 92-14

MANSFIELD - FOUNDERS AUDITORIUM RENOVATION  
BAKER SYSTEMS ENGINEERING BUILDING - SEALANT REPLACEMENT  
AVIATION ACADEMIC FACILITY  
SEAGRANT SCHOOL PROJECT - SOUTH BASS AND GIBRALTAR ISLANDS, PHASE II  
BROWN HALL ANNEX REPLACEMENT  
LAW BUILDING - ADDITION/RENOVATION

Synopsis: The Fiscal Affairs Committee recommended the approval of the Report of Award of Contracts and Establishment of Contingency Funds for the listed projects.

WHEREAS resolutions adopted by the Board of Trustees on December 2, 1988, May 4, 1989, and October 5, 1990, authorized the President and/or Vice President for Business and Administration to request construction bids in accordance with established University procedures, and if satisfactory bids were received to award contracts for the following projects: Mansfield - Founders Auditorium Renovation, Baker Systems Engineering Building - Sealant Replacement, and Aviation Academic Facility; and

WHEREAS resolutions adopted by the Board of Trustees on July 11, 1986, November 6, 1987, and May 4, 1989, authorized the President and/or Vice President for Business and Administration to request construction bids in accordance with established State of Ohio procedures, and if satisfactory bids were received, to recommend the award of contracts for the following projects: Seagrant School Project - South Bass and Gibraltar Islands, Phase II, Brown Hall Annex Replacement, and Law Building - Addition/Renovation:

NOW THEREFORE

BE IT RESOLVED, That pursuant to the actions previously authorized by the Board, the Report of Award of Contracts and Establishment of Contingency funds for these projects is hereby approved.

Upon motion of Mr. Shumate, seconded by Mr. Colley, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix VIII for background material and tabulation of bids, page 127.)

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Mr. Nichols:

The Newark Campus has been interested in some type of an assured housing situation for students to maintain and increase their enrollment. A few years ago, immediately adjacent to the Newark Campus an apartment complex was constructed which has a two three-story brick apartment buildings. This is immediately northeast of the campus and contains 42 efficiencies, one and two bedroom apartments. It is owned by the Sharon Valley Limited Partnership, whose general partner is Jerry McClain Company, of Newark, Ohio.

Mr. Nichols: (contd)

The proposal is not for the University to buy or even to lease the project, but in order to have that assurity of those facilities for the University to take over the management of that particular project. The term is for five years and we do have in the resolution the right to terminate without reason with sixty days notice.

Basically on the owner's behalf the Newark campus and associated academic support areas would rent out the apartments, contract for necessary services, and maintain the facility. The owner would reimburse the University for the cost of managing the facility and also for any particular maintenance costs that might occur. In other words, neither the University nor the Newark Campus will have any financial responsibilities, they will merely act as the management agent. The project should house approximately 170 students when it is completed.

These slides show the two particular buildings. They are all brick constructions, modern construction. They are basic as one might expect being adjacent to the campus, but quite pleasant. It is on a hill. This is a slide of an interior stairway on the building, as you can see it is attractive, but yet basic.

Mr. Kessler:

Do I understand that this private company has built the apartments and it is housing for our students at the Newark campus and we are going to manage it for them?

Mr. Nichols:

That is correct. There are two existing apartment buildings. We will not have financial involvement, our only involvement will be management of the project solely.

Mr. Kessler:

We don't have any liabilities?

Mr. Nichols:

That is correct. If there is a short fall or there is maintenance or repairs, be it a roof replacement or whatever, the owner will pay for it not the University. Dr. Greenstein and Randy Ingall are here from the Newark Campus and maybe they could best present this.

Dr. Greenstein:

The developer approached the Newark Campus to manage the property in order to provide good access for students. He internally felt that he did not have the management capability to actively manage the project and felt that we would have better access to our students. Also, our maintenance is on site and woud provide better maintenance for the facility. So, this is a joint venture for the betterment of our students on the Newark Campus.

Mr. Teaford:

Dr. Greenstein, I have the sense that we also ought to make sure that there is a condusive environment to academic pursuits and that is also enhanced by our being involved. Is that correct?

Dr. Greenstein:

That is correct. And with this program also what we will do is put into place a resident-like program, similar to what we have done in a resident facility on the Columbus Campus. Because of the nature of our campus, we have primarily commuter students, but this facility will be able to focus on a core of students who can enhance the student-life activities on the campus.

Mr. Nichols:

The budget which is being paid for by the owner, not the University, includes about \$20,000.00 for student life type activities as well as about an additional \$5,000.00 for financial aid for students, that has been agreed to.

Mr. Teaford:

Could you give a couple of examples of what "student life" means?

Mr. Nichols:

Social, recreational activities.

Dr. Hutchinson:

As we work with the development of the regional campuses, in this case Newark, we have felt that as we have gone to selective admissions, we have also had some influence on more students going to the regional campuses than there might have been. And with the availability of more housing at Newark and the fact that this is right across the road from our property, we do have an interest in who owns or what happens on this property, because it is so close to the development of the University.

Mr. Teaford:

This action now makes two regional campuses that we have made some arrangements for housing -- the other being at Wooster.

Mr. Nichols:

That is correct. That project has been very successful, Mr. Teaford. That facility has remained fully occupied.

Mr. Teaford:

What are the projected rental charges? What are the students going to have to pay?

Mr. Nichols:

The quarterly rate for a single efficiency will be \$1,275.00.

Mr. Teaford:

Do I take it that under this arrangement students will not have sign a twelve month lease?

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Mr. Nichols:

It will be handled very similar to how we handle the dormitory situations now. In the sense, that they pay on a quarterly basis and in essence contract on a quarterly basis.

Mr. Barone:

Jim, if we can terminate this contract within sixty days and the students pay quarterly, won't that create a problem?

Mr. Nichols:

No. The sixty-day type notice is very consistent with the other types of notices we put in agreements that are in some degree similar to this one, only to protect the University. But all of the activities that we have would be geared to the students and any termination we will take fully into consideration. We do not expect that to occur at all. It is merely a safety valve.

Mr. Barone:

The University has almost a legal responsibility along with a moral responsibility. That is one of the reasons that we want to utilize the name of The Ohio State University. They could lease directly to the students, then the University would not have any moral or legal responsibility.

Mr. Nichols:

There will not be any difficulty for the period of time that the students contract.

Mr. Barone:

You don't see a problem with paying within the quarter and our agreement to terminate the contract within sixty days?

Mr. Nichols:

No. I see no conflict.

**MANAGEMENT AGREEMENT  
SHARON VALLEY APARTMENTS  
NEWARK CAMPUS**

Resolution No. 92-15

Synopsis: The Fiscal Affairs Committee recommended the management agreement with Sharon Valley Limited Partnership for the management of the Sharon Valley Apartments on the Newark Campus.

WHEREAS consistent with its strategic academic planning, The Ohio State University at Newark desires that there be student housing adjacent to the Newark Campus such that the Campus may use the availability of such housing to assist in student recruitment; and

**MANAGEMENT AGREEMENT  
SHARON VALLEY APARTMENTS  
NEWARK CAMPUS (contd)**

WHEREAS the Sharon Valley Apartments, owned by the Sharon Valley Limited Partnership of Newark, Ohio, are available to provide such housing through a management agreement, whereby the Newark Campus would manage, market, rent out, maintain, and repair the apartment complex on the owner's behalf, with the owner responsible for reimbursement of all costs in excess of rental income; and

WHEREAS the appropriate University offices are in agreement that the availability of student housing at the Newark Campus and this proposed management agreement are in the best interests of the University:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Acting Vice President for Business and Administration be authorized, in the name of the Board of Trustees, to negotiate and execute an agreement, as outlined above, with the Sharon Valley Limited Partnership for the management of the Sharon Valley Apartments, on such terms and conditions as are deemed to be in the best interest of the University.

Upon motion of Mr. Shumate, seconded by Amb. Wolf, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix IX for background material and map, page 145.)

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**RENEGOTIATION OF AGREEMENT WITH  
LIMA TECHNICAL COLLEGE**

Resolution No. 92-16

Synopsis: The Fiscal Affairs Committee recommended the renegotiation of agreement with Lima Technical College.

WHEREAS in 1971 The Ohio State University and the Lima Technical College ( then the Allen County Technical Institute) entered into a cooperative cost-sharing agreement for shared use of facilities and programs at the University's Lima Campus; and

WHEREAS the Board of Trustees of the Lima Technical Campus has notified the University that, in accordance with the terms of that agreement, it wishes to negotiate changes to the agreement; and

WHEREAS the agreement has served both institutions well but after decades there is a need for modifications to reflect changed circumstances, priorities, and operating arrangements:

NOW THEREFORE

**RENEGOTIATION OF AGREEMENT WITH  
LIMA TECHNICAL COLLEGE (contd)**

BE IT RESOLVED, That the President and the Senior Vice President for Academic Affairs and Provost, be authorized, in the name of the Board of Trustees, to negotiate and execute an agreement with the Lima Technical College for the cooperative and shared use of facilities and programs by the Technical College and the University's Lima Campus, upon such terms and conditions as are deemed to be in the best interest of the University.

Upon motion of Mr. Shumate, seconded by Amb. Wolf, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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Mr. Meeks:

As you are aware a group of promoters for a football franchise to be located here in Columbus for the World League of American Football Team approached the University with the proposal to lease the use of the stadium on seven game dates each in the next two years. They have made a general proposal and we have been exploring it. And the recommendation to the Board is that the Board adopt a resolution authorizing detailed negotiations for such a lease.

Mr. Shumate:

Mr. Meeks, you might want to point out some of the general safeguards that have been discussed and negotiated that are consistent with the University policy on these issues.

Mr. Meeks:

First and most important is that any lease would be subject to approval by the Big Ten or putting it differently, waiver of the Big Ten rule applicable on such lease arrangements. Secondly, we are quite concerned that any University involvement not cost the University anything. So the lease would be structured in such a way that it would be to the maximum extent possible, and impossible for the University to take a loss on the arrangement. One way of doing that is to ask for some guarantee up front of funds that would cover any contingency later on.

We have also been concerned about possible contact with student athletes and I think we have reached an agreement that there will be a provision in the contract regarding no contact with student athletes. There will also be a provision in the lease protecting the University against any injury by anybody that attends or is connected with the events. They will carry insurance. I think that pretty well covers the major topics.

Mr. Teaford:

You said that there would be some advanced payments and controls too, that if there should be financial difficulties as far as an organization, that would not make a negative impact.

Mr. Meeks:

Right.

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Mr. Shumate:

I would point out that this issue is coming to the Board after being fully reviewed by the Athletic Council of the University and is also presented to the Fiscal Affairs Committee by the recommendation of the Department of Athletics.

Mr. Teaford:

It is also important to realize that the Athletic Council is a faculty organization not an organization of the Athletic Department.

Mr. Shumate:

Are there any other questions or items that members of the Committee or Board would like to discuss?

Mr. Barone:

I feel that the Big Ten Committee should vote on this prior to our accepting it. We are kind of putting the pressure on the Big Ten and it should be the Big Ten Committee's decision. I think it will be an embarrassing situation.

Mr. Shumate:

I think that it is an issue, Mr. Barone, of timing. In that based upon some scheduling considerations, it is important for the Committee and the Board to act at this time. Certainly the agreement as you see in the material that was previously sent to the Board is expressly contingent upon the waiver of the Big Ten Joint Group Committee, and they are a strong Committee.

Mr. Barone:

As the Chairman knows, and for other reasons which I have specified, I still vote no.

Mr. Teaford:

One other thing that I would like to make clear to the ladies and gentlemen of the press who are here is that I have discussed with Mr. Colley and Mr. Kessler, who have been mentioned in the press and I am also aware of Mr. Wexner's position with this regard, that there are no members on this Board who are or will be investors in this project.

## **LEASE AGREEMENT**

Resolution No. 92-17

World League of American Football

Synopsis: The Fiscal Affairs Committee recommended authorization to execute and sign an appropriate lease agreement with the World League of American Football.

WHEREAS the World League of American Football has requested the use of Ohio Stadium for World League games should Columbus be chosen for a franchise; and

**LEASE AGREEMENT (contd)**

World League of American Football (contd)

WHEREAS the appropriate University officials, including the Athletic Council of the University, have reviewed the proposal for use of this facility and find the proposal reasonable and an appropriate use of Ohio Stadium; and

WHEREAS it has been recommended by the Director of Athletics that the University enter into a lease agreement with the World League of American Football for the use of the stadium:

NOW THEREFORE

BE IT RESOLVED, That the President and/or his designee is authorized to enter into negotiations with the World League of American Football for the lease of Ohio Stadium, upon such terms and conditions as are deemed to be in the best interest of the University; and

BE IT FURTHER RESOLVED, That contingent upon the waiver of the Big Ten Joint Group (Men's Agreement 8A 1A - Use of the Facility) the President and/or his designee is hereby authorized to execute and sign the appropriate lease agreement.

Upon motion of Mr. Shumate, seconded by Ms. Casto, the Board of Trustees adopted the foregoing resolution with seven affirmative votes cast by Messrs. Teaford, Kessler, Wolf, Shumate, Celeste, Colley, and Ms. Casto, and a negative vote cast by Mr. Barone.

(See Appendix X for background material, page 149.)

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Mr. Shkurti:

I will be referring to the scarlet and gray booklet placed in front of you entitled, "Current Funds Budget, 1991-92." Let me talk first about the resources that are being made available in this budget. As you know, the state budget has now been passed and this budget is based on those numbers as we best understood them when this booklet went to press yesterday afternoon. So you will notice later on that some of the items will have the term preliminary in parentheses after the numbers because some of the line items were still up in the air, but we expect these numbers will be very close. The numbers referred to here are very close to actually what is passed in the state budget.

Our single largest source of income is the state subsidy. This subsidy will provide us for the first year of this biennium, will be equal to the state subsidy which was provided last year in fiscal of the state '91 after the mid-year cuts. This represents the first time state aid has not been increased from one year to the next since at least the early 60's, as far back as our accounting records go.

Our second largest source of income is tuition and we are proposing an increase of \$225 for an academic year, for an in-state undergraduate student enrolled over three quarters. This represents an increase of 9.6 percent. We are also recommending the same percentage increase for out-of-state students for graduate and professional students. This is the maximum amount allowed under the tuition caps included in the budget bill which indicates we can raise tuition by \$225.00 a year or 9 percent whichever is greater. The reason that Ohio State is eligible for the

Mr. Shkurti: (contd)

greater than 9 percent, is that our tuition base is very low compared to most other universities in Ohio, so we have that flexibility.

Other charges that will effect students, such as room and board, parking, book store prices, and so forth will increase by an average of 5.9 percent for undergraduate students and 5.6 percent for graduate students. And, finally, the room rates and other charges in our Hospitals will increase by an average of 7.7 percent.

In terms of expenditures in the general fund, which is the fund that actually runs most of the academic core programs of the University, this budget projects an increase of only 3.1 percent, which is less than what inflation is expected to be. I suspect that is first in a long time that spending has been constrained at that level.

One of the ways we were able to continue to do new programs with the constraints on the spending basis was to reallocate resources within the University to the tune of \$14.3 million in a general fund. This will be accomplished by a 4 percent average reduction over all the base budgets for the academic units, primarily the colleges and 4.5 percent reduction for academic support units, such as Finance, Business Administration, and Student Affairs. The cuts will be applied differentially, so some units will be cut more than others, but this is the average.

The third item is the pay raises included and budgeted for in this budget. It will average 3.5 percent for faculty, staff, and graduate student employees. The pay raises for faculty will be based exclusively on merit, the pay raise for administrative and professional and classified employees will be a combination of merit and across the board this year. The across the board percentage will be 2 percent and the merit will average 1.5 percent. It is the University intention over the next year or two or the next round of budget cycle to move the administrative and professional staff to have their pay raises based exclusively on merit as well.

No continuing increase in funds are set aside for supplies and equipment. However both University systems and UNITS, the University telephone system, have announced that they will not be increasing existing rates charged to University customers. That will significantly reduce the burden on colleges and other university units that pay those charges.

Now though overall spending is limited for this fiscal year, it is our desire to continue to fund important new priority initiatives. I will not go over each one, I think that the important thing is that they are aimed at three critical areas: improving undergraduate education; supporting the universities research base; and supporting the inclusion of the people of different backgrounds in the University's community. I might add that this is a new way in which the budget is being presented because it is organized by program area, which is something that the Board had suggested previously. It is my hope that the budget that comes to you next year, which will be the first one to go through our formal academic planning process, will be organized entirely along programmatic aligns so you can get a feel for the program commitments that are involved in the budget.

I will not go into detail over the remainder of the tables in this budget book. What they provide is detailed breakdowns by campus, both the main campus and the extended campuses of the budget allocations, as well as definitions of terms. But there are some points that I would like to highlight.

Mr. Shkurti: (contd)

If you would turn to page 4.7 there is some information on student fees that I would like to share with you. The table entitled Summary of Typical Student Fees Columbus Campus, will give you a feel of what the impact will be on the typical student. Not only for the instructional and general fee increase, but room and board, bookstore, health insurance, parking and so forth, both in percentage terms and in dollar amounts. And then if you turn to the next page, there is a summary of resident student fees in the Big Ten public institutions that we have put together. Now we don't have the figures yet for this coming fall, because most of the other Big Ten schools are going through what we are going through, in terms of getting their budgets done relatively late in the process. But if you look at the ten year history of what has happened to fee increases at Ohio State, especially for undergraduates, you will see our average increase over those six years has been 6.1 percent. The average for the whole Big Ten has been 7.6 percent, so in other words on average over the last ten years, fees at Ohio State have not gone up as rapidly as they have in the rest of the Big Ten. I would submit that that statement also applies if you would compare Ohio State with other public universities in Ohio. So even though our fees are going up more rapidly this year than we had hoped because of state support not increasing, I think Ohio State still remains a bargain in terms of the quality of education that is offered here at a comparatively reasonable price to other institutions both in Ohio and elsewhere in the Big Ten.

Mr. Teaford:

I noticed, too, Mr. Shkurti, that the Ohio State undergraduate and graduate fees are both under the Big Ten average as well.

Mr. Shkurti:

That is correct. Now if you would turn to the table on page 5.1, "Summary of Auxiliary Operations Fiscal Year 1992." The table breaks down both the resources and expenditures and transfers of what we call an earnings unit, such as residence halls, Student Unions, and so forth. There is a new piece of information on there if you will go all the way to the far right side, the column that says "Net Income has never been reported before." I think that it is important that the Board have a sense of whether these units that are based on generating their own income are making money or losing money based on current years income and current years revenue. You will notice that some of them such as Residence and Dining Halls will suffer a net income loss this year, that does not mean that they are not being well managed. In the case of the Residence Halls, the problem that they are facing is a decline in student enrollment and also a need to renovate some of their facilities. It also does not mean that that particular unit or the University is going broke, because they are able to draw on income from previous years that is in reserve to pay the bills. But, obviously, it is a trend that needs to be monitored. We don't want too many of these units losing too much money over too long of a time. So this lays out for the first time some more detailed information on what the expectancies are regarding net income for these Auxiliary operations.

If you will turn now to page 5.5, you will see the budget laid out for The Arthur G. James Cancer Hospital and Research Institute. I think one important item is the Fiscal Year 1992 budget column. If you go down to net income it projects a loss for the Cancer Hospital of \$4.3 million, which is a lot of money but is not inconsistent with the plans set up when the Hospital was open. The FY 1991 budget figures show a projected loss of \$4.7 million and that was based on some very preliminary

Mr. Shkurti: (contd)

numbers done about 18 months ago. As you know, the net loss of the Cancer Hospital on the operation side in the first year was more like \$10 million. A lot of that reflected the fact that the Hospital opened up late, and so it did not have paying patients in as rapidly as possible. But the results of the last several months have been very encouraging, and I think that the management of this Cancer Hospital feels that this \$4.3 million projection for FY 1992 is a good one and one that they can meet.

The remaining two appendices simply provide a ten year trended description on the instructional subsidy and also on enrollments for the campus. As to where this budget leaves us, I think that it is fair to describe it as making the best out of a difficult situation, in terms of the state budget, the state economy, state budgets throughout the country, and the national economy. I think what we have accomplished in this budget is first of all a recognition and support in the General Assembly for the importance of Ohio State University as a resource to the state. The budget that came out of the General Assembly when compared to the budget that went in is significantly better than it could have been. I think that is very important. Secondly, we have protected, even though it is in somewhat trying times, the academic core. So programs such as the library, the honors program, scholarships for our students have been protected from any cuts whatsoever under this reallocation scenario. Thirdly, I think that we have moved forward on some selected initiatives which are very important to the future of the University. For example, the undergraduate teaching, the curriculum reform, which I understand is one of the most ambitious programs in the country, and appropriately so because it modernizes our undergraduate curriculum will be funded as intended and will move forward under the budget planned here. The same for some key initiatives in research, including the Biotechnology Center and the eminent scholars that also benefit the educational side of the curriculum, and also the move toward having a more diverse campus.

I think this budget also prepares us for the longer haul. The budget that the state legislature just passed does provide a slight increase in state subsidy in the second year of the biennium, but it also lowers the caps on tuition. So it means that at the present time if the economy grows as anticipated in the budget and if the budget is not changed we will face an equally challenging resource constraint in the second year of the biennium. Now by that time we will hopefully have our academic planning process in place and that will help. And what I think that budget has done is point out how important a unified University academic plan is and that we've prepared some of the steps that would be important in developing that plan.

As I have mentioned earlier the budget cuts involved here are differential, they are not across-the-board, and that pay increases are moving more and more with the faculty. In fact, the whole this is moving toward being merit based and not just awarding people for being here a long time. So even though the second year will be a challenge, I am confident that after this year and what we have gone through this year in terms of protecting important functions and making some very tough decisions, that whatever that challenge is, this University will be able to address it in a constructive way.

Mr. Chairman, that concludes my report. I would be happy to answer any questions.

Mr. Shumate:

I think that the booklet that you have put together is easy to read, it is a complex budget and I can understand it. I know that the preliminary material was faxed to all of the Board members and we appreciate the hard work in putting the booklet together for our meeting today.

Mr. Teaford:

Before I ask for a motion on the President's budget recommendations I would like to make the following report. It will be recalled that at our meeting on June 7, 1991, the Board approved a set of principles and guidelines to be used in our evaluation of the President. Pursuant to those guidelines, the Personnel Committee of the Board of Trustees has met with President Gee and reviewed his assessment of his accomplishments during the past year, as well as his goals for the University in the upcoming year.

It will come as no surprise that the Personnel Committee is extremely pleased with the President's outstanding beginning. President Gee's unceasing energy and engaging personality have already established him as an outstanding leader. He has established a dialogue with the faculty and staff and he clearly appreciates and understands their talents and concerns. He has met with an awesome number of parents, alumni, governmental leaders, business representatives, and ordinary citizens. He has also demonstrated a genuine empathy with our students which was evident in the acclaim accorded him in his commencement address. Clearly he was better than Cosby or Bush. His positive and enthusiastic articulation of the best values of the University have already begun to change the State's perception of this University.

While his first year has necessarily been focused on learning about the many infinite aspects of the University, he has already set in motion a series of initiatives, including a strategic planning process which will serve as a guide for Ohio State well into the future.

His early hiring successes, including Vice President Hayes and Business Dean Alluto have set a standard which we are confident will be matched in future appointments. Further, President Gee's relationship and communication with the Board of Trustees has assisted us greatly in revitalizing our efforts. In sum, his devoted service, combined with his energetic style and refreshing sense of humor has already contributed significantly to the continued positive outlook and growing support for The Ohio State University.

Given that extremely positive evaluation, I want to present the Personnel Committee's recommendation regarding President Gee's salary. In making this recommendation we were necessarily mindful of the current financial condition of the University and the proposed faculty and staff compensation increases. As such, we recommend that President Gee receive a 3.5 percent increase for the fiscal year 1991-1992, beginning July 1, 1991.

We recommend the budget resolution include a requirement that the Secretary of the Board be authorized and directed to develop the appropriate documents to effectuate this increase in compensation.

July 12, 1991 meeting, Board of Trustees

Mr. Teaford: (contd)

I will now entertain a motion to approve the President's budget report and recommendations, as well as the Personnel Committee's proposal regarding President Gee's compensation for the coming year.

**1991-92 CURRENT FUNDS BUDGET**

Resolution No. 92-18

Synopsis: The Fiscal Affairs Committee recommended the budget for fiscal year 1991-92 for adoption.

WHEREAS the levels of resources have been identified for the first year of the 1991-93 biennium; and

WHEREAS appropriate planning and consultation within the University has been accomplished; and

WHEREAS the President is now prepared to present the 1991-92 budget:

NOW THEREFORE

BE IT RESOLVED, That the University Current Funds Budget for fiscal year 1991-92, as described in the accompanying text and tables, be approved, with authorization for the President to make expenditures within the projected income levels; and

BE IT FURTHER RESOLVED, That student fees be increased for all students beginning Autumn Quarter 1991, as specified in the Schedule of Student Fees incorporated in this resolution; and

BE IT FURTHER RESOLVED, That the Secretary be instructed to incorporate all supporting documents into the minutes of this meeting, including Fees and Charges, and to file these materials with the official records of this University.

Upon motion of Mr. Shumate, seconded by Amb. Wolf, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix XI for background material, page 153.)

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Thereupon the Board adjourned to meet Friday, September 6, 1991, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio.

Attest:

Madison H. Scott  
Secretary

Hamilton J. Teaford  
Chairman



The Chairman, Mr. Teaford, called the meeting of the Board of Trustees to order on September 6, 1991, at 11:40 a.m. He requested the Secretary to call the roll.

Present: Hamilton J. Teaford, Chairman, John J. Barone, Deborah E. Casto, Milton A. Wolf, Leslie H. Wexner, Alex Shumate, Theodore S. Celeste, Michael F. Colley, David A. Tonnie, and Kristen Cusack.

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#### PRESIDENT'S REPORT

President Gee:

I am glad that all of you were able to join us today. When we last met I am confident that no one here could have predicted the enormous changes that are taking place in the world. Clearly, much of what we have come to expect about relationships and outcomes have been shaken and challenged, but enough about football.

As I walked off the plane at Port Columbus, I saw dozens of reporters and was delighted to have a chance to share some of my observations as an eyewitness to world events. Regrettably, I discovered that what drew the media to the occasion was a coup of a different sort. I am pleased therefore to have the opportunity today to share with you some observations about Ohio State's expanding and important role in Eastern Europe and the Soviet Union, and perhaps a few personal observations from my travels with fellow Buckeyes.

Ohio State is clearly taking a major leadership role in developing and helping Eastern Europe make the transition to a free market economy. In coordination with the Midwest Universities Consortium for International Activities, Ohio State faculty and staff from the Colleges of Business and Agriculture will help train their counterparts at Hungarian, Polish, and Czechoslovakian universities in the area of business management and economic education. The College of Education will develop a program to teach the principles of small business ownership to Polish entrepreneurs and Ohio State is heading the MUCIA efforts in Czechoslovakia. I might just note that I visited all three countries -- Poland, Hungary, and Czechoslovakia; and indeed this University has major programs that it is undertaking and will accelerate given the events of the past few weeks.

The alumni tour to the Soviet Union was, needless to say, an unforgettable experience. We are now going to advertise that we will try to come up with some coup in every possible place when we travel. I will just give you one personal observation about the fact that even in the midst of this, there was a good deal of humor being displayed. We had the opportunity to visit the Academy of Pedagogical Sciences in Moscow and the leadership there were very, very warm to us. We signed a number of protocols between Ohio State and the Academy. At the end of the visit the individual from the Academy indicated that he would be willing to take me to see some of the things that perhaps I otherwise would not be able to see in Moscow.

#### PRESIDENT'S REPORT (contd)

President Gee: (contd)

We were actually picked up at our boat in one of these big black limousines, and, of course, everyone was interested in the fact that we were traveling around in that. I said that I wanted to see two things: one was the Soviet Cemetery where many of their major artists and leaders had been buried. We did have an opportunity to visit the cemetery, including seeing Khrushchev's grave. The other thing I wanted to see was Lubyanka which was the KGB headquarters. I thought that that would be interesting. This is a cordoned off area, but we did go in and we had an opportunity to drive by and see the statue. In fact, I had my picture in front of the statue which was taken down later on. As we were leaving, the head of the Academy turned to me and in a quiet voice said, "Do you know what the tallest building in Russia is?" I said "no." Then he said, "the KGB," and I said "why?" He said, "Because you can see Siberia from the basement!" So even in a time of stress, they do have a wonderful and warm sense of humor. I valued and appreciated that.

What I have discussed this morning is only one of the hundreds of activities in which Ohio State is engaged around the globe. From Afghanistan to Zimbabwe, Ohio State faculty and students are engaged in research, instruction, and service now with 110 nations. What is most exciting and heartening to me is that the people of Ohio State, past and present, are making a difference in the quality of life in our world. As we prepare for the opening of yet another academic year, I am reminded of the critical importance of the education of our citizens, arming them with the tools to understand, interpret, and even promote change in our global society.

Saying that, Mr. Chairman, I would also like to note the newest member of our University family who is with us today, the Special Assistant for Business and Community Relations, Sarah Short Austin.

Mr. Chairman, at this time I want to recommend that the Board establish a University Staff Council. I would like to ask Mr. Steve Stoffel to explain quickly what the resolution will entail.

r. Steve Stoffel:

Mr. President, Mr. Chairman, and members of the Board, with me is Deborah Gill, who is the manager of Reprographics here at the University, but more importantly her role over the last several years has been as chair of the staff advisory committee that currently exists. She also has chaired the committee that has worked in formulating the concept of moving this to a staff council.

As the President said, what we bring before you is a resolution to approve the concept of the staff council and approve a draft copy of the proposed bylaws for this council, pending the resolution of some unfair labor practice charges that have been filed. We think that we need to move forward with this in order to meet the challenge on the unfair labor practices. Let me stop for just a moment and let Debbie talk a little about the process that we have gone through here.

Ms. Deborah Gill:

Thank you. I would just like to let you all know that we appreciate the opportunity this morning and to reaffirm that staff-at-large is looking forward to the continuation of participating in the governing structure of the University in an advisory capacity. It is the desire of staff to recognize, develop, and, most importantly, to continue to communicate the views of the institution among ourselves and to help aid you in being creative in resolving any potential problems that may come up. Also just to further the idea of being one -- a family. And with that, we have been given the opportunity to serve as members of a task force to create the staff council concept that you have before you. Again, I just want to let you know that with great diligence and time spent, it is something to look forward to by many members on the campus.

Mr. Stoffel:

Certainly institutions of higher education have had a long history of staff governance. It was pointed out to me the other day that there has been over a thousand-year history of faculty and staff governance in institutions of Higher Education. Staff governance within institutions has not had as long a history because large staff components at institutions are a more recent addition. This has occurred as institutions have grown and taken on larger research and support activities.

A year ago when we embarked upon this we felt that it was the right thing for the University to continue to involve staff in the governance process of the institution. We therefore set out to create a structure that would enable the University to move from a presidential staff advisory committee to a full-fledged staff council. The goal is to enlarge that group so it is more representative of the University staff which numbers in excess of 10,000, and making it an elected body with a set of bylaws that it can work with. Faculty are excluded since they are represented by the University Senate. We, therefore are asking your approval today to allow us to move forward pending the outcome of the legal challenge with regard to the unfair labor practice charges and approve these bylaws and the concept of the staff council. Any questions?

Mr. Teaford:

I think you might want to say what we internally believe about the unfair labor practice charge -- as to our position.

Mr. Stoffel:

Yes, Sir. There are two charges that have been filed -- one basically states that the CWA does not agree with what the University is doing -- that it is developing and supporting an in-house employee organization. The second charge is that the University is developing an in-house employee organization and they didn't invite other staff who are members of collective bargaining units to participate.

Mr. Stoffel: (contd)

On the second issue the bylaws that you have in front of you do not exclude individuals who participate in collective bargaining units. On the first charge, it is the University's position that, again, institutions have had a long history of faculty and staff governance and that we are indeed different. This council will participate in the governance structure of the institution and talk about many questions including communication with staff, and other issues that deal with questions outside of what traditional collective bargaining units would talk about. In addition, it will probably talk about some of the issues that indeed collective bargaining units would talk about. Our position will be because of that long history and because this whole question is being reviewed on the national scene -- the national labor relations board is looking at this question -- and based on interest and the desires of our staff to participate, we should be allowed to implement our council. There was a public hearing this week, and testimony has been taken, and briefs filed with the NLRB. The NLRB will share those briefs with the University. This question is being looked at on a national scene and will be looked at on a state scene. With regard to our case, it is our hope that the SERB will be willing to move into some unchartered waters.

ESTABLISHMENT OF UNIVERSITY STAFF COUNCIL

Resolution No. 92-19

Synopsis: Recommendation for the establishment of a University Staff Council.

WHEREAS in light of the changing expectations of the University's staff and the corresponding objective to appropriately address employment issues affecting them; and

WHEREAS colleges and universities have traditionally encouraged the creation of staff councils and other bodies as a means of involving staff in pertinent issues; and

WHEREAS a committee comprised of members of the President's Staff Advisory Committee in concert with other individuals have developed a set of principles and bylaws which are designed to serve as the governing framework for this council; and

WHEREAS the purpose of the staff council is to:

- serve as a medium of communication and act as an advisory liaison between staff and the administration;
- make recommendations regarding rights, responsibilities, and concerns of staff;
- respond to solicitation by the administration on the formulation of general University policy;
- serve as a forum for communication between and among staff and cooperate with the University Senate and other University governance structures and offices on matters of mutual concern;

NOW THEREFORE

ESTABLISHMENT OF UNIVERSITY STAFF COUNCIL (contd)

BE IT RESOLVED, That the proposed bylaws which establish the framework and the basic principles of the Staff Council are hereby approved with the understanding that the implementation of this new structure shall be delayed until the unfair labor charges which have been filed with the State Employee Relations Board (SERB) are resolved in a manner satisfactory to the President; and

BE IT FURTHER RESOLVED, That pursuant to any finding by SERB or any reviewing court and upon the recommendation of University legal counsel, the Secretary of the Board of Trustees is hereby authorized and directed to incorporate changes/amendments to referenced Staff Bylaws as may be appropriate.

Upon motion of Ms. Casto, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

(See Appendix XIII for University Staff Council Bylaws, page 249.)

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RESEARCH FOUNDATION REPORT

Ms. Casto:

I'd like to call your attention to the awards received by The Ohio State University Research Foundation during the months of June and July. At the first tab of the Research Foundation Report, the awards are listed in four sponsor categories: Federal, Ohio, Industrial, and Other Non-federal. Within each category the awards are ordered in descending dollar value.

Tab 2 offers a few highlights of recent awards received. From the awards received during this two month period, I'm pleased to report that Ohio State University faculty generated over \$2 million in direct support of undergraduate and graduate education. A large portion of this funding is for fellowships.

At Tab 3 there are three summary tables listing awards and expenditures in fiscal year '91. The first summary table is for the fiscal year ending June 30, 1991. The award total, \$134 million, represents a 6.86 percent increase over the previous year. The second summary page lists fiscal year '91 expenditures. Expenditure data, unlike awards data which are subject to the factors like the timing of funding or incremental allocations, tend to represent a more accurate picture of the University's sponsored research performance. Expenditures also permit us to compare our performance against standards such as the consumer price index. Last year over 1,600 graduate students were supported and \$5.9 million worth of research equipment was purchased on Research Foundation projects. In the last summary table, which compares July '91 and July '90 awards, the Research Foundation received \$14 million. While that amount is 12 percent below July's awards last year, this can be attributed to the timing of a few major awards.

At Tab 4 are profiles of the University's nine National Science Foundation Presidential Young Investigators awarded in 1991. This is a very competitive program which is conducted on a nomination basis. Only two other universities in the country exceeded the number awarded to Ohio State University.

RESEARCH FOUNDATION REPORT (contd)

Ms. Casto: (contd)

In addition, the Board Agenda book lists the Engineering Experiment Station, and the Ohio State University Development Fund awards. I would like to move to accept the June and July grants and contracts through the Engineering Experiment Station, The Ohio State University Development Fund, and The Ohio State University Research Foundation.

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

Resolution No. 92-20

Synopsis: Approval of the following reports on contracts, grants, and gifts and the summaries for June and July 1991 is proposed.

WHEREAS monies are solicited and received on behalf of the University from governmental, industrial, other agencies, alumni, and various individuals in support of research, instructional activities, and service; and

WHEREAS such gifts and grants are received through The Ohio State University Research Foundation, the Engineering Experiment Station of The Ohio State University, The Ohio State University Development Fund, and The Ohio State University Foundation:

NOW THEREFORE

BE IT RESOLVED, That the research agreement between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the reports from the Engineering Experiment Station, The Ohio State University Development Fund, and The Ohio State University Foundation during the months of June and July 1991 be approved.

Upon motion of Ms. Casto, seconded by Mr. Shumate, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

(See Appendix XIV for The Ohio State University Development, page 267.)

(See Appendix XV for Report of Research Contracts, Grants, and Gifts, page 273.)

	<u>Summary</u>		
	JUNE 1991		
<u>Source</u>	<u>7/1/89-6/30/90</u>	<u>7/1/90-6/30/91</u>	<u>June 1991</u>
The Ohio State University Research Foundation	\$125,343,325.35	\$133,943,600.43	\$23,103,926.03
Engineering Experiment Station	\$ 6,237,589.00	\$ 6,869,589.00	\$ 444,074.00
OSU Foundation and Development Fund	\$ 63,272,652.00	\$ 74,295,747.00	\$ 6,790,650.00

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

Summary (contd)

JUNE 1991 (contd)

The Ohio State University Development Fund

Establishment of Named Funds

The George Nicolozakes Medical Research Endowment Fund  
(Support capital expenses incurred with the Medical  
Research Facility) \$ 30,000.00

The Paul Underwood Endowment Fund in International  
News Journalism \$ 15,948.59  
(Projects or scholarships - School of Journalism)

The Ashland County 4-H Endowment Fund \$ 15,688.24  
(Scholarships/Support)

The Ohio State University Foundation

Approval of Description and Establishment of Funds

The Alice Louise Ridenour Wood Chair Fund in Mathematics  
(Support faculty members who hold the Chair) \$ 432,500.00

The Ruffner Endowment Fund for Emerging Priorities  
(Discretion of the President) \$ 215,629.25

The Ross W. Boyd Memorial Distinguished/Medalist/  
University Scholarship Fund \$ 138,129.56  
(Scholarships)

Description of Named Funds

The George Nicolozakes Medical Research Endowment Fund

The George Nicolozakes Medical Research Endowment Fund was established September 6, 1991, by the Board of Trustees of The Ohio State University, with a gift to The Ohio State University Development Fund from George Nicolozakes, Cambridge, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to support capital expenses incurred with the Medical Research Facility and to support medical research in the George Nicolozakes Laboratory located in the Medical Research Facility.

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Description of Named Funds (contd)

The George Nicolozakes Medical Research Endowment Fund (contd)

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the Dean of the College of Medicine in order to carry out the desire of the donor.

The Paul Underwood Endowment Fund in  
International News Journalism

The Paul Underwood Endowment Fund in International News Journalism was established September 6, 1991, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from Mrs. Paul Underwood, the Paul Underwood family, the Gannett Foundation, and friends and relatives of the late Paul Underwood, an editor and foreign correspondent with the Associated Press and the New York Times; foreign news analyst and editorial writer for the Cincinnati Enquirer; and Professor of Journalism at The Ohio State University from 1967 until his death in 1985.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

Eighty percent (80%) of the annual income shall be used to fund a School of Journalism group or individual project whose purpose is to promote a better understanding of international news journalism, or to provide a scholarship to a journalism student who exhibits exceptional writing and reporting qualities. Project proposals or scholarship applications shall annually be evaluated by a committee consisting of the Director of the School of Journalism and two qualified faculty members of the School. Selection of scholarship recipients will be made in consultation with the University Committee on Student Financial Aid. Twenty percent (20%) of the annual income shall be returned to the endowed principal.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donors.

The Ashland County 4-H Endowment Fund

The Ashland County 4-H Endowment Fund was established September 6, 1991, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from the Ashland County 4-H Committee and other friends of the Ashland County 4-H Program.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

September 6, 1991 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Description of Named Funds (contd)

The Ashland County 4-H Endowment Fund (contd)

The annual income from this fund shall be used to support the Ashland County 4-H Program. This support may include, but is not limited to, the funding of scholarships and awards for 4-H members, volunteer leaders and friends of 4-H; sponsoring seminars and programs; purchasing materials or services that will supplement 4-H programming or increase the visibility and public support for 4-H in Ashland County. All expenditures from this fund shall be approved by the Ashland County 4-H Committee, and in the awarding of scholarships the University Committee on Student Financial Aid will be consulted.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for the Ohio Cooperative Extension Service in consultation with a committee representing the local 4-H donors.

THE OHIO STATE UNIVERSITY FOUNDATION

Approval of Description and Establishment of Funds

The Alice Louise Ridenour Wood Chair Fund  
in Mathematics

The Alice Louise Ridenour Wood Chair Fund in Mathematics was established September 6, 1991, by the Board of Trustees of The Ohio State University through funds received by the University from The Ohio State University Foundation for the support of the Department of Mathematics.

Income provided by the Foundation shall be reinvested in the fund's principal until such time as the fund shall have a value of \$750,000, whereupon the annual income shall be used to support the work of the distinguished faculty members in the Department of Mathematics who shall hold The Alice Louise Ridenour Wood Chair in Mathematics.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

The Ruffner Endowment Fund for Emerging Priorities

The Ruffner Endowment Fund for Emerging Priorities was established September 6, 1991, by the Board of Trustees of The Ohio State University through funds received by the University from The Ohio State University Foundation, with gifts from Frederick (B.S.Bus.Adm. '50) and Mary Ruffner of Detroit, Michigan.

September 6, 1991 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY FOUNDATION (contd)

Approval of Description and Establishment of Funds (contd)

The Ruffner Endowment Fund for Emerging Priorities (contd)

Income provided by the Foundation shall be used at the discretion of the President of the University to fund emerging priorities at The Ohio State University.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in order to carry out the desire of the donors.

The Ross W. Boyd Memorial  
Distinguished/Medalist/University Scholarship Fund

The Ross W. Boyd Memorial Distinguished/Medalist/University Scholarship Fund was established September 6, 1991, by the Board of Trustees of The Ohio State University through funds received by the University from The Ohio State University Foundation, with gifts from the estate of Ross W. Boyd (B.S.Ed. '35) of Muskegon, Michigan.

Income from the Foundation shall be used to provide one or more undergraduate merit scholarships for Distinguished, Medalist and/or University Scholars. This merit scholarship initiative is the result of recommendations from the 1990 University Task Force on Undergraduate Recruitment and the 1990-1991 Undergraduate Recruitment Implementation Steering Committee to the Senior Vice President for Academic Affairs and Provost. Students shall be selected based upon the criteria sanctioned by the Senior Vice President for Academic Affairs and Provost and administered by the University Honors Center in consultation with the University Committee on Student Financial Aid.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

	<u>Summary</u>	
	JULY 1991	
<u>Source</u>	<u>7/1/90-7/31/90</u>	<u>July 1991</u>
The Ohio State University Research Foundation	\$ 15,988,134.07	\$ 14,072,941.99
Engineering Experiment Station	\$ 1,445,229.00	\$ 1,146,089.00
The Ohio State University Development Fund		
Establishment of Named Funds		
The Ralph H. Davidson Scholarship Fund in Entomology (Scholarships and Fellowships)		\$ 15,210.00
The Mahoning County Alumni Scholarship Endowment Fund (Scholarships)		\$ 15,132.00
The Dr. Barbara Ann Wolfman Memorial Scholarship Fund in Veterinary Medicine (Scholarships - College of Veterinary Medicine)		\$ 15,018.81
The Studies in Christianity Fund (Fund the acquisition and maintenance of research materials for the Christianity component of the Religious Studies program)		\$ 15,000.00
Change of Name and Description of Named Fund		
From: The Boys' Clubs of Columbus Scholarship Fund		
To: The Boys and Girls Clubs of Columbus Scholarship Fund		
Change in Description of Named Fund		
The Josef N. Knull Memorial Fund in Entomology		

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Description of Named Funds

The Ralph H. Davidson Scholarship Fund in Entomology

The Ralph H. Davidson Scholarship Fund in Entomology was established September 6, 1991, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from his wife, Clara Jane Davidson (B.S.Ed. '35), and family and friends in memory of Ralph H. Davidson, Professor of Entomology and graduate of The Ohio State University (B.S.Agr. '30; M.S., Entomology, 1931; Ph.D., Entomology, 1935).

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Description of Named Funds (contd)

The Ralph H. Davidson Scholarship Fund in Entomology (contd)

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to support scholarships and fellowships for students in the Department of Entomology. Recipients will be named annually, and may be eligible for renewed awards. Students shall be selected to receive awards based upon the recommendation of the chairperson of the Department of Entomology and in consultation with the University Committee on Student Financial Aid, as appropriate, as a result of a selection process through the Department of Entomology Awards Committee, which shall consider the students' interest in entomology and academic achievement.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donors.

The Mahoning County Alumni Scholarship Endowment Fund

The Mahoning County Alumni Scholarship Endowment Fund was established September 6, 1991, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from the members and friends of the Mahoning County/OSU Alumni Club.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide scholarship support for one or more qualified scholars enrolled at The Ohio State University. Selection of the scholarship recipients shall be made by the Mahoning County Alumni Club and The Ohio State University Alumni Association in cooperation with the University Committee on Student Financial Aid.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donors.

The Dr. Barbara Ann Wolfman Memorial Scholarship Fund in Veterinary Medicine

The Dr. Barbara Ann Wolfman Memorial Scholarship Fund in Veterinary Medicine was established September 6, 1991, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from Mr. and Mrs. Melvin Wolfman and family.

September 6, 1991 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Description of Named Funds (contd)

The Dr. Barbara Ann Wolfman Memorial Scholarship Fund  
in Veterinary Medicine (contd)

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide scholarship funds to a junior student who has demonstrated scholarship and proficiency in the basic sciences upon completion of the first two years of the curriculum as determined by a suitable faculty committee within the College of Veterinary Medicine in consultation with the University Committee on Student Financial Aid. Financial need shall be considered. The awarding of the scholarship shall be announced at a time and manner consistent with those for other college scholarships. The announcement should include a statement that conveys the following: "This scholarship is named in honor of Dr. Barbara Ann Wolfman both to perpetuate her memory and to recognize her profound influence on young people interested in veterinary medicine."

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donors.

The Studies in Christianity Fund

The Studies in Christianity Fund was established September 6, 1991, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from Don (B.S., Psychology, 1973) and Barbara Davis of North Canton, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to fund the acquisition and maintenance of a distinguished library of books and other research materials for the Christianity component of the Religious Studies program in the College of Humanities. Initial acquisitions shall be based upon the report of Richard D. Shiels and Martha S. Alt published in Collection Management Vol. 72, Summer 1985. Guidelines for subsequent acquisitions will be developed by the Main Library bibliographer in consultation with faculty teaching courses in Christianity including the chairholder of the Chair in the History of Christianity when it is established. The annual income may also be used to fund public lectures and other academic programming in Christianity. The administrative officer in charge of the Religious Studies program, currently the chairperson of the Division of Comparative Studies, shall have the discretion to allocate the annual income between the purposes stated above.

September 6, 1991 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Description of Named Funds (contd)

The Studies in Christianity Fund (contd)

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donors.

Change of Name and Description of Named Fund

The Boys and Girls Clubs of Columbus  
Scholarship Fund

The Boys' Clubs of Columbus Scholarship Fund was established May 15, 1958, by the Board of Trustees of The Ohio State University, with a gift to The Ohio State University Development Fund from the Boys' Clubs of Columbus. The name and description were revised September 6, 1991.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used for undergraduate scholarships for Boys and Girls Clubs members. Selection of the award recipients shall be made by the Scholarship Committee of The Boys and Girls Clubs of Columbus in consultation with the University Committee on Student Financial Aid.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

Change in Description of Named Fund

The Josef N. Knull Memorial Fund in Entomology

The Josef N. Knull Memorial Fund in Entomology was established December 7, 1978, by the Board of Trustees of The Ohio State University, with a gift to The Ohio State University Development Fund from Dorothy J. Knull in memory of her husband, Josef N. Knull. The description was revised September 6, 1991.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Change in Description of Named Fund (contd)

The Josef N. Knull Memorial Fund in Entomology (contd)

The annual income shall be used to support collections and collecting; curating, with emphasis on systematic entomology and biodiversity; and may be used to support professorships, student scholarships, and the publication of systematic papers in entomology. Requisitions for funds will be approved by the chairperson of the Department of Entomology in cooperation with the Dean of the College of Biological Sciences.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

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HOSPITALS BOARD COMMITTEE REPORT

Mr. Celeste:

The Hospitals Board meeting of July 25 began with the annual Service Board report presented by retiring president Mrs. Amelia Nasrallah. The Hospitals Board expressed appreciation for the considerable "friend-and-fund-raising" efforts of the Service Board and to Mrs. Nasrallah personally. Dr. Mekhjian reported on recredentialing of medical staff members, and the Board moved into executive session, for confidential review of a Medical Staff Administrative Committee decision related to professional activities of a medical staff member. Following executive session the Board voted unanimously to affirm the medical staff decision.

The Board acknowledged the outstanding service of Dr. William Smead as Chief of Staff for the past two years and received the first report of the Hospitals' new Chief of Staff, Dr. Bush. Mr. Bob Holder reviewed the Hospitals' Self-Indemnification Fund claims activity during 1990-91, and Mr. Fraley discussed preliminary financial data for the month of June and the past fiscal year. He reported that to date the Hospitals' 1991-92 operating budget estimates appear to be consistent with the state and University budget. Mr. Fraley also indicated the Hospitals responded to the University's budget constraints by increasing the OSU Health Plan discount from 17 percent to 21 percent, in addition to the financial support which has been and is continuing to be provided to the Cancer Hospital.

On August 29 the Hospitals Board held its second annual day-long retreat. The day began with an orientation session including the Hospitals' history; organizational structure of the University and the medical center; origin and evolution of the Hospitals Board; and the role and responsibilities of Board members. I might say that we found that some of the presentation might be most appropriate for this Board. It was extremely informative and I think that we found it very useful.

HOSPITALS BOARD COMMITTEE REPORT (contd)

Mr. Celeste: (contd)

During a brief Hospitals Board meeting we received reports from the Medical Director and the Chief of Staff. Mr. Fraley presented preliminary year-end financial data which, although not yet audited, indicates the past year University Hospitals met budget.

We discussed the SICU expansion project and learned that a window of opportunity exists for possible addition of another floor, which could be used for consolidation and/or expansion of our growing Women's and Infants' program or for new programs. Once the SICU project is completed and occupied, this expansion opportunity will be lost. We authorized Hospitals Administration to modify the Associate Architect's contract to include design and development costs of an additional floor. The Hospitals Board will make a final decision on the issue after construction bids have been received.

Lastly, the Board discussed the ramifications of the closing of St. Anthony Hospital in terms of community healthcare needs and the teaching and patient care missions of the OSU medical center and Children's Hospital.

The majority of the day's activities was devoted to status reports and in-depth discussion of various elements of University Hospitals' segment of the medical center's Strategic Plan. We reaffirmed five strategies already implemented and endorsed two additional strategies. The final session included overviews of current facilities, ongoing projects, and development options both on and off campus.

Additionally, Mr. Chairman, I believe that you will find in your agenda book actions taken by the Hospitals Board that this Board will need to take action on. There is an amendment to the Medical Staff Bylaws, and I would so move the passage of this amendment.

AMENDMENTS TO THE MEDICAL STAFF BYLAWS

Resolution No. 92-21

Synopsis: The approval of the amendments to the Medical Staff Bylaws is proposed.

WHEREAS The Ohio State University Hospitals Board pursuant to Bylaw 3335-101-04 of the Hospitals Board Bylaws is authorized to recommend to the Board of Trustees the adoption of amendments to the Medical Staff Bylaws; and

WHEREAS the proposed amendments to the Medical Staff Bylaws 3335-43-07 and 3335-43-08 were approved by the University Hospitals Board, July 25, 1991, as follows:

AMENDED BYLAWS

3335-43-07 Divisions of the medical staff.

The medical staff of the Ohio state university hospitals shall be divided into honorary, attending, courtesy, and limited designations.

AMENDMENTS TO THE MEDICAL STAFF BYLAWS (contd)

(A) through (C) unchanged.

(D) Limited medical staff.

(1) Qualifications:

The limited staff shall consist of doctors of medicine, osteopathic medicine, and dental surgery who are appointed in good standing in post doctoral educational programs established and supervised by the clinical department or division chiefs.

(2) Responsibilities:

The limited staff shall:

(a) through (c) unchanged.

(d) Members of the limited staff will be expected to make regular satisfactory professional progress including anticipated certification by the respective specialty or sub-specialty program of post-doctoral training in which they are enrolled. Evaluation of professional growth and appropriate humanistic qualities will be made on a regular schedule by the departmental chairperson or divisional director, program director or evaluation committee. Failure to meet reasonable expectations may result in sanctions including probation, lack of reappointment, suspension or termination.

(e) Appeal by a member of the limited staff of probation, lack of reappointments, suspension or termination for failure to meet expectations for professional growth or failure to display appropriate humanistic qualities will be conducted and limited in accordance with written guidelines established by the respective department or division and approved by the medical director and institutional post-m.d. graduate medical education committee.

(f) Alleged misconduct by a member of the limited staff, for reasons other than failure to meet expectations of professional growth as outlined in (d) and (e) above, shall be handled in accordance with the medical staff bylaws 3335-43-05 and 3335-43-06.

Balance unchanged.

3335-43-08 Organization of medical staff of the Ohio state university hospitals into clinical departments and divisions.

(A) Each member of the attending, courtesy, limited, and honorary staff shall be assigned to a clinical department or division upon the recommendation of the chief of the clinical department concerned.

(B) Names of clinical departments and divisions.

(1) and (2) unchanged.

AMENDMENTS TO THE MEDICAL STAFF BYLAWS (contd)

(3) Internal medicine. The following divisions are designated:

- Allergy
- Bone Marrow Transplantation
- Cardiology
- Community internal medicine
- Dermatology
- Endocrinology and metabolism
- Gastroenterology
- General medicine
- Hematology and oncology
- Infectious diseases
- Nephrology
- Pulmonary
- Rheumatology - immunology

(4) through (15) unchanged.

(C) through (D) unchanged.

NOW THEREFORE

BE IT RESOLVED, That the foregoing amendments to the Medical Staff Bylaws be adopted as recommended by the University Hospitals Board.

Upon motion of Mr. Celeste, seconded by Mr. Colley, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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INVESTMENTS COMMITTEE REPORT

Amb. Wolf:

The Investments Committee held its annual review of the Endowment Fund's Fixed Income Managers yesterday. The committee met with representatives from Boatman's Trust Company, Duff and Phelps Investment Management, W. R. Lazard Company, and STW Fixed Income Management. Each advisor reported on its performance of the past year as well as its current outlook for the fixed income market. It was reported for the 12-month period ending June 30, 1991, that Duff and Phelps Investment Management and STW Fixed Income Management both surpassed the benchmark Lehman Government Corporate Bond Index. Additionally, it was reported that for the three year period, ending June 30, 1991, that all four of our fixed income managers had out performed that benchmark Lehman Government Corporate Index Fund.

On October 31, the Investment Committee will hold a similar meeting with the Endowment's Equity Advisors, as opposed to the Fixed Income Advisors, and thereafter will determine if any changes are warranted in assets managed by the Endowment Funds total group advisors.

September 6, 1991 meeting, Board of Trustees

INVESTMENTS COMMITTEE REPORT (contd)

Amb. Wolf: (contd)

I'd like to report to you, Mr. Chairman, and the Board that you will find in your agenda book a financial report on the Endowment Fund for the period June 30, 1991, through August 16, 1991. This Endowment Fund had an overall market value increase of approximately \$13.2 million in that short period of time. As of August 16, 1991, the market value of the Endowment Fund was \$364.4 million, which is an all-time high for our Endowment Fund. That concludes my report, Mr. Chairman.

Mr. Teaford:

Thank you, Ambassador Wolf. Are there any questions? I would like to say how I appreciate the amount of time that the Committee had to spend this time and will have to spend in late October.

(See Appendix XVI for complete context of The Ohio State University Endowment Summary August 16, 1991, page 339.)

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ACADEMIC AFFAIRS COMMITTEE REPORT

Ms. Casto:

The College of Engineering is a large and diverse College with 15 academic departments including three departments in the School of Architecture, which is part of the College. Also included is the Department of Aviation which operates the University Airport, and the Department of Computer and Information Science which supports degree programs in three colleges. The College offers 15 undergraduate degree programs and 16 graduate degree programs. Last year the College had 291 regular faculty, served 6,016 undergraduate and 1,550 graduate students, and produced 795 Bachelor of Science, 372 Master of Science, and 107 Ph.D. graduates. The College conducts a substantial research activity supported by government agencies and industry and benefits from a substantial and growing endowment.

A noteworthy recent event in the College was the establishment of the Center for Automotive Research known as CAR. This new Center will give visibility and focus to the Transportation Research Endowment Program made possible by the substantial and growing endowment deriving from the sale of Transportation Research Center of Ohio to Honda of America Manufacturing, Inc. The initial endowment of \$6 million from the sale has subsequently been increased by another \$8 million from annual transfers from ongoing TRC operations. The College continues to manage TRC operation under an agreement between Honda and TRC, Inc., a University Affiliate. The annual transfers are part of the management agreement. The goal of the endowment program is to make Ohio State the leading university in automotive engineering education and research. This goal should be achievable in five years. A substantial research program is already underway and academic programs are being developed. Related student interest and activity have grown rapidly over the past two years.

I have to say that this is an outstanding College and I understand it is quite difficult to enter this College, so it is one that we can definitely be proud of.

September 6, 1991 meeting, Board of Trustees

ACADEMIC AFFAIRS COMMITTEE REPORT (contd)

Ms. Casto: (contd)

In addition, the Committee is recommending the following resolutions:

PERSONNEL ACTIONS

Resolution No. 92-22

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the July 12, 1991 meeting of the Board, including the following Appointments, Reappointment of Principal Administrative Official, Appointment of Chairperson of Academic Faculty and Directors of Center and School, Reappointment of Chairperson of Department, Leaves of Absence Without Salary, Professional Improvement Leave--Cancellation, Professional Improvement Leave--Change in Dates, Emeritus Titles, and Medical Staff Appointments and Reappointments (The Arthur G. James Cancer Hospital and Research Institute) as detailed in the University Budget be approved, and the Medical Staff Appointments and Reappointments (The Ohio State University Hospitals) approved July 25, 1991, by the Hospitals Board be ratified.

Appointments

Name: ADA DEMB  
Title: Vice Provost and Associate Professor  
Office/Department: International Affairs/Educational Policy and Leadership  
Effective: January 1, 1992  
Salary: \$100,500.00  
Present Position: Director, International Program for Board Members, International Institute for Management Development

Name: ROBERT J. FASS  
Title: Professor (The Samuel Saslaw Professorship in Infectious Diseases)  
College: Medicine  
Effective: July 1, 1991  
Salary: \$130,680.00  
Present Position: Director, Division of Infectious Diseases and Professor, Internal Medicine

Name: SARAH SHORT AUSTIN  
Title: Special Assistant to the President for Business and Community Relations  
Office: President's  
Effective: September 1, 1991  
Salary: \$85,080.00  
Present Position: Socioeconomic Executive, McDonnell Aircraft Company, St. Louis, MO

Reappointment of Principal Administrative Official

JOAN N. HUBER, Coordinating Dean for Arts and Sciences, effective July 1, 1991, through June 30, 1993, pursuant to rule 3335-3-17 of the Administrative Code.

September 6, 1991 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Appointment of Chairperson of Academic Faculty and Directors of Center and School

July 1, 1991 through June 30, 1992		
Center for Cognitive Science		Thomas M. Ostrom*
July 1, 1991 through September 30, 1995		
Academic Faculty of Management and Human Resources		Marcia P. Micell
August 1, 1991 through June 30, 1992		
School of Music		Roger L. Stephens*

Reappointment of Chairperson of Department

July 1, 1991 through September 30, 1995		
Mechanical Engineering		Lawrence A. Kennedy

\*Acting Directors

Leaves of Absence Without Salary

LOUIS A. JACOBS, Professor, College of Law, effective Autumn Semester 1991, to be a distinguished visiting professor at the University of Tulsa.

ROBERT M. BAUM, Assistant Professor, Department of History, effective Autumn Quarter 1991, Winter Quarter and Spring Quarter 1992, to accept an Andrew W. Mellon Postdoctoral Fellow in Africana Studies at Bryn Mawr College.

LISA K. BRADLEY, Assistant Professor, Cooperative Extension Service, effective August 1, 1991, through September 2, 1991, for medical reasons.

DONNA R. LONG, Assistant Professor, Department of Spanish and Portuguese, effective Autumn Quarter 1991, Winter Quarter and Spring Quarter 1992, to accept a visiting associate professorship of Spanish at New Mexico State University.

DAVID L. SNYDER, Assistant Professor, Academic Faculty of Management Sciences, effective Autumn Quarter 1991, Winter Quarter and Spring Quarter 1992, for personal reasons.

ZILLA J. GOODMAN, Instructor, Department of Judaic and Near Eastern Languages and Literatures, effective Autumn Quarter 1991, Winter Quarter and Spring Quarter 1992, to accept a Visiting Research Associateship at the University of Cape Town in South Africa.

Professional Improvement Leave--Cancellation

BOSTWICK F. WYMAN, Professor, Department of Mathematics, effective Autumn Quarter 1991, Winter Quarter and Spring Quarter 1992.

September 6, 1991 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Professional Improvement Leave--Change in Dates

LAUREL W. RICHARDSON, Professor, Department of Sociology, change leave from Winter Quarter, Spring Quarter and Autumn Quarter 1992, to Autumn Quarter 1991, Winter Quarter and Spring Quarter 1992.

Emeritus Titles

WARREN L. ROLLER, Department of Agricultural Engineering, with the title Chairperson and Professor Emeritus, effective August 1, 1991.

SAMUEL MEITES, Department of Pediatrics, with the title Professor Emeritus, effective July 1, 1991.

WALTER E. MITCHELL, JR., Department of Astronomy, with the title Professor Emeritus, effective July 1, 1991.

EDWIN G. NOVAK, Department of Educational Services and Research, with the title Associate Professor Emeritus, effective September 1, 1991.

Medical Staff Appointments (The Arthur G. James Cancer Hospital and Research Institute)

Bwen, Juan M., M.D., Associate Attending Staff, Department of Internal Medicine  
Cooney, Donald R., M.D., Associate Attending Staff, Department of Surgery  
Davis, John T., M.D., Associate Attending Staff, Department of Surgery  
Elkhammas, Elmahdi A., M.D., Associate Attending Staff, Department of Surgery  
Fetko, Mark, M.D., Associate Attending Staff, Department of Anesthesiology  
Hiestand, Daniel C., M.D., Associate Attending Staff, Department of Anesthesiology  
Rague, Louis M., III, M.D., Associate Attending Staff, Department of Anesthesiology  
Runyan, Thomas E., M.D., Associate Attending Staff, Department of Anesthesiology  
Schlrmer, William J., M.D., Associate Attending Staff, Department of Surgery

Medical Staff Reappointments (The Arthur G. James Cancer Hospital and Research Institute)

July 1, 1991 through June 30, 1993

James E. Barnes, M.D., Clinical, Surgery  
Albert C. Clairmont, M.D., Associate, Physical Med.  
John Christoforidis, M.D., Associate, Radiology  
Mark Dayton, M.D., Attending, Int. Medicine  
E. Christopher Ellison, M.D., Clinical, Surgery  
Jacob J. Jacoby, M.D., Associate, Anesthesiology  
John T. Kissel, M.D., Associate, Neurology  
Cynthia Kreger, M.D., Associate, Int. Medicine  
Gregory J. Lavalley, M.D., Attending, Surgery  
Thomas F. Mauger, M.D., Associate, Ophthalmology  
Michael E. Mlner, M.D., Associate, Surgery  
Robert F. Ostrum, M.D., Associate, Surgery  
William S. Pease, M.D., Associate, Physical Med.  
Nicholas J. Teteris, M.D., Associate, OB/GYN  
Deborah A. Venesy, M.D., Associate, Physical Med.

PERSONNEL ACTIONS (contd)

Medical Staff Appointments (The Ohio State University Hospitals)

Beech, Amy L., Limited Staff, Department of Pediatrics  
 Abuzzahab, Mary J., Limited Staff, Department of Pediatrics  
 Agnone, Charlotte M., Limited Staff, Department of Ophthalmology  
 Allen, J. Geoffrey, Attending Staff, Department of Ophthalmology  
 Apte, Anita M., Limited Staff, Department of Pediatrics  
 Arora, Vikram J., Limited Staff, Department of Internal Medicine--Division of Cardiology  
 Artman, Sarah L., Courtesy Staff, Department of Obstetrics and Gynecology  
 Ballard, Jeanne E., Limited Staff, Department of Obstetrics and Gynecology  
 Barnes, Douglas E., Limited Staff, Department of Otolaryngology  
 Bates, Carlton M., Limited Staff, Department of Pediatrics  
 Bauer-Giffin, Constance, Attending Staff, Department of Radiology--Division of Radiation Oncology  
 Bernardo, Alipio D., Limited Staff, Department of Internal Medicine--Division of General Medicine  
 Besser, Lisa L., Limited Staff, Department of Pediatrics  
 Bhattacharjee, Nandita R., Limited Staff, Department of Surgery--Division of General Surgery  
 Bigler, Lane R., Limited Staff, Department of Internal Medicine--Division of Dermatology  
 Bilon, Ann M., Limited Staff, Department of Psychiatry  
 Blinzler, Jane A., Limited Staff, Department of Internal Medicine--Division of General Medicine  
 Blocker, Denise L., Limited Staff, Department of Internal Medicine--Division of General Medicine (Joint Appointment with Pediatrics)  
 Bowersox, Keith D., Limited Staff, Department of Surgery--Division of Thoracic and Cardiovascular Surgery  
 Buchanan, Larry D., Limited Staff, Department of Radiology  
 Burkey, Brian Bernard, Limited Staff, Department of Otolaryngology  
 Caputo, Christopher P., Limited Staff, Department of Internal Medicine--Division of General Medicine  
 Chandar, Rajat, Limited Staff, Department of Internal Medicine--Division of General Medicine  
 Chaykin-Glover, Dana B., Limited Staff, Department of Family Medicine  
 Choudhry, Muhammad S., Limited Staff, Department of Psychiatry  
 Chung, Stanley Y., Limited Staff, Department of Surgery--Division of Orthopaedic Surgery  
 Collins, Carol J., Limited Staff, Department of Surgery--Division of Urology  
 Cook, Charles H., Limited Staff, Department of Surgery--Division of General Surgery  
 Cook, Paul A., Limited Staff, Department of Surgery--Division of Orthopaedic Surgery  
 Corbly-Martin, Mary L., Limited Staff, Department of Pediatrics  
 Corner, Christopher J., Limited Staff, Department of Psychiatry--Division of Child Psychiatry  
 Cull, Kimberly J., Limited Staff, Department of Obstetrics and Gynecology  
 Daniels, Curt J., Limited Staff, Department of Internal Medicine--Division of General Medicine (Joint Appointment with Pediatrics)  
 Dardas, Gregory J., Limited Staff, Department of Internal Medicine--Division of General Medicine  
 Daufel, Pamela M., Limited Staff, Department of Family Medicine  
 Davis, Kristina E., Limited Staff, Department of Internal Medicine--Division of General Medicine  
 Doherty, Richard J., Limited Staff, Department of Pediatrics  
 Downie, Alan A., Limited Staff, Department of Ophthalmology  
 Dvorak, Douglas W., Limited Staff, Department of Otolaryngology  
 Earle, Kristen R., Limited Staff, Department of Surgery--Division of General Surgery  
 Flala, Joseph F., Courtesy Staff, Department of Pediatrics  
 Finan, Kathleen M., Limited Staff, Department of Psychiatry  
 Fraley, Larry M., Limited Staff, Department of Internal Medicine--Division of General Medicine  
 Frappier, Nancy R., Limited Staff, Department of Internal Medicine--Division of General Medicine  
 Fu, Cindi H., Limited Staff, Department of Family Medicine  
 Geer, Michael J., Limited Staff, Department of Internal Medicine--Division of General Medicine

PERSONNEL ACTIONS (contd)

Medical Staff Appointments (The Ohio State University Hospitals) (contd)

Greco, Carol J., Courtesy Staff, Department of Obstetrics and Gynecology  
 Groner, Jonathan I., Limited Staff, Department of Surgery--Division of Pediatric Surgery  
 Halterman, Richard K., Limited Staff, Department of Internal Medicine--Division of General Medicine  
 Harton, Paul J., Jr., Limited Staff, Department of Internal Medicine--Division of General Medicine  
 Hauerperger, Karla R., Limited Staff, Department of Pediatrics  
 Haugen, Matthew M., Limited Staff, Department of Obstetrics and Gynecology  
 Henry, Bradley D., Limited Staff, Department of Internal Medicine--Division of General Medicine  
 Horowitz, John D., Limited Staff, Department of Surgery--Division of Vascular Surgery  
 Jenkins, John A., Limited Staff, Department of Internal Medicine--Division of General Medicine  
 Jung, Stephen S., Limited Staff, Department of Radiology  
 Karnitis, Joseph, Limited Staff, Department of Obstetrics and Gynecology  
 Katz, Steven E., Limited Staff, Department of Ophthalmology  
 Keith, Scott H., Limited Staff, Department of Otolaryngology  
 Klein, David F., Limited Staff, Department of Surgery--Division of Plastic Surgery  
 La Monte, Robert C., Limited Staff, Department of Pediatrics  
 Lanzerotte, Mark J., Limited Staff, Department of Surgery--Division of General Surgery  
 Latcham, Allan P., Limited Staff, Department of Internal Medicine--Division of Cardiology  
 Levine, Larry A., Limited Staff, Department of Internal Medicine--Division of General Medicine  
 Lisko, Bradley A., Limited Staff, Department of Internal Medicine--Division of General Medicine (Joint Appointment with Pediatrics)  
 Lteif, Ghada N., Limited Staff, Department of Psychiatry  
 Mabee, Scott W., Limited Staff, Department of Internal Medicine--Division of General Medicine  
 Magorien, Douglas M., Limited Staff, Department of Internal Medicine--Division of General Medicine  
 Mak, Thomas A., Limited Staff, Department of Psychiatry  
 Mallik, Gunwant, Limited Staff, Department of Surgery--Division of Neurosurgery  
 Mitchell, Matthew E., Limited Staff, Department of Surgery--Division of General Surgery  
 Morgan, John D., Limited Staff, Department of Pediatrics  
 Murray, Diane M., Limited Staff, Department of Physical Medicine and Rehabilitation  
 Muzumdar, Kamini S., Limited Staff, Department of Pediatrics  
 Narula, Komal, Limited Staff, Department of Obstetrics and Gynecology  
 Nill, Michael R., Limited Staff, Department of Surgery--Division of General Surgery  
 Orr, Janet S., Limited Staff, Department of Pediatrics  
 Ortiz, Xavier G., Limited Staff, Department of Obstetrics and Gynecology  
 Paraskos, John P., Courtesy Staff, Department of Obstetrics and Gynecology  
 Peterson, James W., Limited Staff, Department of Internal Medicine--Division of Cardiology  
 Plau, Brad T., Limited Staff, Department of Pediatrics  
 Rague, Louis M., III, Attending Staff, Department of Anesthesiology  
 Reardon, Michael E., Limited Staff, Department of Surgery, Division of General Surgery  
 Reber, Kristina M., Limited Staff, Department of Pediatrics  
 Rego, Alfredo, Limited Staff, Department of Surgery--Division of General Surgery  
 Rehmar, Alan J., Attending Staff, Department of Ophthalmology  
 Rels, Robert D., Limited Staff, Department of Pediatrics  
 Remmell, Diane R., Limited Staff, Department of Pediatrics  
 Richards, Dale R., Limited Staff, Department of Psychiatry  
 Romeo, Fred P., Limited Staff, Department of Ophthalmology  
 Rossi, Thomas A., Limited Staff, Department of Internal Medicine--Division of General Medicine  
 Rush, Robert M., Jr., Limited Staff, Department of Surgery--Division of General Surgery  
 Samudra, Kalvani, Limited Staff, Department of Pediatrics  
 Schulthels, Chad W., Limited Staff, Department of Psychiatry  
 Sbard, Dorothy B., Limited Staff, Department of Pediatrics

## PERSONNEL ACTIONS (contd)

Medical Staff Appointments (The Ohio State University Hospitals) (contd)

Singh, Ranjit R., Limited Staff, Department of Surgery--Division of General Surgery  
 Sinha, Renu, Limited Staff, Department of Surgery--Division of General Surgery  
 Sosolik, Randolph C., Limited Staff, Department of Internal Medicine--Division of General Medicine  
 Suarez, Suzanne C., Limited Staff, Department of Internal Medicine--Division of General Medicine  
 Summers, Bradley K., Limited Staff, Department of Otolaryngology  
 Swamy, Sudha, Limited Staff, Department of Internal Medicine--Division of General Medicine  
 Taylor, Anne, Limited Staff, Department of Surgery--Division of General Surgery  
 Teller, Timothy A., Limited Staff, Department of Pediatrics  
 Tracy, Charles A., Limited Staff, Department of Surgery--Division of Orthopaedic Surgery  
 Vasbinder, Darlene A., Limited Staff, Department of Pediatrics  
 Vasilijevic, Jasna, Limited Staff, Department of Internal Medicine--Division of General Medicine  
 Wagner, Diana T., Limited Staff, Department of Pediatrics  
 Ward, Eric S., Limited Staff, Department of Surgery--Division of Urology  
 Whitaker, Elizabeth R., Limited Staff, Department of Pediatrics  
 Williams, Michael J., Limited Staff, Department of Internal Medicine--Division of General Medicine  
 (Joint Appointment with Pediatrics)  
 Wilson, Keith M., Limited Staff, Department of Otolaryngology  
 Wissinger, Stephanie L., Limited Staff, Department of Internal Medicine--Division of General  
 Medicine  
 Yarab, Ronald M., Jr., Limited Staff, Department of Physical Medicine and Rehabilitation  
 Yendrek, Ronald J., Limited Staff, Department of Psychiatry  
 Zekan, Thomas J., Limited Staff, Department of Radiology  
 Zimmerman, David A., Limited Staff, Department of Internal Medicine--Division of General Medicine  
 Zivony, Daniel I., Limited Staff, Department of Pediatrics  
 Zukowski, Chris M., Limited Staff, Department of Pediatrics  
 Agabalyan, Bela, Limited Staff, Department of Psychiatry  
 Allen, James N., Jr., Attending Staff, Department of Internal Medicine--Division of Pulmonary  
 Diseases  
 Boyle, Sandra L., Courtesy Staff, Department of Pediatrics  
 Carroll, Brendan T., Attending Staff, Department of Psychiatry  
 Christoforidis, Greg A., Limited Staff, Department of Radiology  
 Cook, Richard I., Limited Staff, Department of Anesthesiology  
 Davidson, Lynn M., Limited Staff, Department of Obstetrics and Gynecology  
 Du Bols, Craig D., Limited Staff, Department of Neurology  
 Elkhammas, Elmahdi A., Attending Staff, Department of Surgery--Division of Transplantation  
 Emas, Mark K., Limited Staff, Department of Radiology  
 Garton, Patricia M., Attending Staff, Department of Pediatrics  
 Halm, Deborah L., Limited Staff, Department of Internal Medicine--Division of General Medicine  
 Holland, Ian S., Limited Staff, Department of Dentistry--Division of Oral and Maxillofacial Surgery  
 Humble, Brian W., Limited Staff, Department of Dentistry--Division of Oral and Maxillofacial Surgery  
 Khabiri, Hooman, Limited Staff, Department of Radiology  
 Kim, Julian A., Limited Staff, Department of Surgery--Division of Surgical Oncology  
 Kowalski, Bruce J., Limited Staff, Department of Internal Medicine--Division of General Medicine  
 Michaels, Gregory C., Limited Staff, Department of Dentistry--Division of Oral and Maxillofacial  
 Surgery  
 Palte-Knapke, Mary J., Limited Staff, Department of Emergency Medicine  
 Pappa, Karl S., Attending Staff, Department of Ophthalmology  
 Pelias, Marilyn E., Limited Staff, Department of Surgery--Division of General Surgery  
 Runyan, Thomas E., Attending Staff, Department of Anesthesiology  
 St. John, Jean M., Courtesy Staff, Department of Pediatrics

## PERSONNEL ACTIONS (contd)

Medical Staff Appointments (The Ohio State University Hospitals) (contd)

Scaperoth, Daniel D., Limited Staff, Department of Radiology--Division of Radiation Oncology  
 Schirmer, William J., Attending Staff, Department of Surgery--Division of General Surgery  
 Sobol, Warren M., Attending Staff, Department of Ophthalmology  
 Spahn, Mitchell W., Courtesy Staff, Department of Obstetrics and Gynecology  
 Sullivan, Miller J., Jr., Courtesy Staff, Department of Pediatrics  
 Touchstone, James A., Limited Staff, Department of Dentistry--Division of Oral and Maxillofacial  
 Surgery  
 Vavuranakis, Manolis, Limited Staff, Department of Internal Medicine--Division of Cardiology  
 Walsh, Elizabeth C., Limited Staff, Department of Dentistry--Division of Oral and Maxillofacial  
 Surgery  
 Warren, Samuel M., Limited Staff, Department of Anesthesiology  
 Zawodniak, Leonard J., Limited Staff, Department of Radiology--Division of Diagnostic Radiology  
 Andrada, Rachel J., Limited Staff, Department of Dentistry--Division of General Dentistry  
 Angelos, Mark G., Attending Staff, Department of Emergency Medicine  
 Antalis, Denise M., Limited Staff, Department of Dentistry--Division of General Dentistry  
 Augustin, Cesar J., Limited Staff, Department of Dentistry--Division of General Dentistry  
 Barney, Victor J., Limited Staff, Department of Anesthesiology  
 Caruso, Theresa M., Limited Staff, Department of Dentistry--Division of General Dentistry  
 Conley, David L., Limited Staff, Department of Anesthesiology  
 Cooney, Donald R., Attending Staff, Department of Surgery--Division of Pediatric Surgery  
 Cotton, Brad W., Limited Staff, Department of Emergency Medicine  
 Davis, John T., Attending Staff, Department of Surgery--Division of Thoracic & Cardiovascular  
 Surgery  
 DeAndrade, Ronald, Courtesy Staff, Department of Internal Medicine--Division of Nephrology  
 Enoch, Archie D., Limited Staff, Department of Family Medicine  
 Fetko, Mark, Attending Staff, Department of Anesthesiology  
 Garzia, Fernando M., Limited Staff, Department of Surgery--Division of Thoracic & Cardiovascular  
 Surgery  
 Haley, Julie M., Limited Staff, Department of Dentistry--Division of General Dentistry  
 Hlestand, Daniel C., Attending Staff, Department of Anesthesiology  
 Jafri, S. Nayyer H., Limited Staff, Department of Pathology  
 Janiklan, Gregory A., Limited Staff, Department of Dentistry--Division of General Dentistry  
 Jurjus, George J., Attending Staff, Department of Psychiatry--Division of General Psychiatry  
 Kelley, Donald L., Limited Staff, Department of Pathology  
 LaVigne-Langenstein, Keri M., Limited Staff, Department of Physical Medicine and Rehabilitation  
 Li, Jimmy X., Limited Staff, Department of Pathology  
 Little, Charles M., Attending Staff, Department of Emergency Medicine  
 Martello, Jeffrey J., Limited Staff, Department of Dentistry--Division of General Dentistry  
 Messick, George M., Courtesy Staff, Department of Pediatrics  
 Nadolson, Karen S., Limited Staff, Department of Family Medicine  
 Orsinelli, David A., Attending Staff, Department of Internal Medicine--Division of Cardiology  
 Osborne, Dyan J., Limited Staff, Department of Anesthesiology  
 Overholt, Leticia M., Limited Staff, Department of Emergency Medicine  
 Plkul, Brian K., Limited Staff, Department of Surgery--Division of General Surgery  
 Rowland, Todd R., Limited Staff, Department of Physical Medicine and Rehabilitation  
 Russell, Daniel L., Limited Staff, Department of Anesthesiology  
 St. John, Roy C., Attending Staff, Department of Internal Medicine--Division of Pulmonary Diseases  
 Schirmer, William J., Attending Staff, Department of Surgery--Division of General Surgery  
 Shirley, Lora J., Limited Staff, Department of Internal Medicine--Division of General Medicine  
 Singh, Surendra P., Limited Staff, Department of Pathology

PERSONNEL ACTIONS (contd)

Medical Staff Appointments (The Ohio State University Hospitals) (contd)

Smyres, Diana R., Limited Staff, Department of Dentistry--Division of General Dentistry  
Strakowski, Jeffrey A., Limited Staff, Department of Physical Medicine and Rehabilitation  
Stubbs, Anne-Therese, Limited Staff, Department of Emergency Medicine  
Tumuluru, Rameshwarl V., Attending Staff, Department of Psychiatry--Division of Child Psychiatry  
Villareal, James Michael, Limited Staff, Department of Emergency Medicine  
Vorbroker, Michael L., Limited Staff, Department of Emergency Medicine  
Walker, Bruce D., Limited Staff, Department of Dentistry--Division of General Dentistry  
Walsh, Brian J., Limited Staff, Department of Dentistry--Division of General Dentistry  
Weed, Harrison G., Limited Staff, Department of Internal Medicine--Division of Infectious Diseases  
Werner, Bennett E., Courtesy Staff, Department of Internal Medicine--Division of Cardiology

Medical Staff Reappointments (The Ohio State University Hospitals)

Abner, Monique L., Limited Staff, Department of Surgery--Division of General Surgery  
Abramovitz, Fred M., Courtesy Staff, Department of Obstetrics and Gynecology  
Adamcak, Christine B., Courtesy Staff, Department of Family Medicine  
Adams, John L., Courtesy Staff, Department of Pediatrics  
Aharony, Lea, Limited Staff, Department of Family Medicine  
Al-Awwa, Abdulkader K., Limited Staff, Department of Internal Medicine--Division of Cardiology  
Alex, Sajiv, Limited Staff, Department of Preventive Medicine  
Allen, Carl M., Attending Staff, Department of Dentistry  
Alonso, Anselmo, Limited Staff, Department of Surgery--Division of Thoracic and Cardiovascular Surgery  
Anderson, Clark L., Attending Staff, Department of Internal Medicine--Division of Rheumatology/Immunology  
Anderson, Mark W., Limited Staff, Department of Dentistry--Division of Oral and Maxillofacial Surgery  
Anglin, David L., Attending Staff, Department of Pediatrics  
Antalis, John J., Limited Staff, Department of Ophthalmology  
Arnold, L. Eugene, Attending Staff, Department of Psychiatry--Division of Child Psychiatry  
Arnold, Mark W., Attending Staff, Department of Surgery--Division of General Medicine  
Auge, Wayne K., II, Limited Staff, Department of Surgery--Division of General Surgery  
Ault, Kevin A., Limited Staff, Department of Obstetrics and Gynecology  
Auseon, John C., Courtesy Staff, Department of Internal Medicine--Division of Cardiology  
Ayers, Leona B.W., Attending Staff, Department of Pathology Badalament  
Badalament, Robert A., Attending Staff, Department of Surgery--Division of Urology  
Bagenstose, Abner H., III, Courtesy Staff, Department of Internal Medicine--Division of Allergy  
Baird, James N., Jr., Courtesy Staff, Department of Obstetrics and Gynecology  
Baker, Peter B., Attending Staff, Department of Pathology  
Barrett, James L., Courtesy Staff, Department of Internal Medicine--Division of Dermatology  
Bazzoli, Allan S., Courtesy Staff, Department of Physical Medicine and Rehabilitation  
Benes, Susan, Attending Staff, Department of Ophthalmology  
Blazina, Janice F., Attending Staff, Department of Pathology  
Bock, J. John, Attending Staff, Department of Surgery--Division of Orthopaedic Surgery  
Boudoulas, Olga, Attending Staff, Department of Internal Medicine--Division of Dermatology  
Boutselis, John G., Attending Staff, Department of Obstetrics and Gynecology  
Brandeberry, Keith R., Courtesy Staff, Department of Obstetrics and Gynecology  
Brandt, John T., Attending Staff, Department of Pathology  
Bronstein, Herbert A., Courtesy Staff, Department of Internal Medicine--Division of Allergy  
Bruce, Robert A., Jr., Attending Staff, Department of Ophthalmology

PERSONNEL ACTIONS (contd)

Medical Staff Reappointments (The Ohio State University Hospitals) (contd)

Bryan, Donald K., Attending Staff, Department of Obstetrics and Gynecology  
Burgers, John K., Attending Staff, Department of Surgery--Division of Urology  
Burns, John A., Attending Staff, Department of Ophthalmology  
Cattaneo, Stephen M., Courtesy Staff, Department of Surgery, Division of Thoracic and Cardiovascular Surgery  
Chambers, Robert B., Attending Staff, Department of Ophthalmology  
Clausen, Kathryn P., Attending Staff, Department of Pathology  
Coleman, Thomas H., Courtesy Staff, Department of Internal Medicine--Division of Allergy  
Copeland, Christopher M., Attending Staff, Department of Obstetrics and Gynecology  
Copeland, William E., Sr., Attending Staff, Department of Obstetrics and Gynecology  
Cottrell, Daryl A., Limited Staff, Department of Internal Medicine--Division of Endocrinology and Metabolism  
Craig, Elson L., Attending Staff, Department of Ophthalmology  
Davidorf, Frederick H., Attending Staff, Department of Ophthalmology  
Davies, A. Robert, Courtesy Staff, Department of Internal Medicine--Division of General Medicine  
DeVoe, Stephen J., Courtesy Staff, Department of Obstetrics and Gynecology  
Dorinsky, Paul M., Attending Staff, Department of Internal Medicine--Division of Pulmonary Diseases  
Drago, Joseph R., Attending Staff, Department of Surgery--Division of Urology  
Durham, Joseph R., Attending Staff, Department of Surgery--Division of Vascular Surgery  
Enrile, Leopoldo L., Courtesy Staff, Department of Obstetrics and Gynecology  
Fahey, Patrick J., Attending Staff, Department of Family Medicine  
Farrar, William B., Attending Staff, Department of Surgery--Division of Surgical Oncology  
Fass, Robert J., Attending Staff, Department of Internal Medicine--Division of Infectious Diseases  
Ferguson, Ronald M., Attending Staff, Department of Surgery--Division of Transplantation  
Flancbaum, Louis J., Attending Staff, Department of Surgery--Division of General Surgery  
Flint, Ivan D., Limited Staff, Department of Internal Medicine--Division of Dermatology  
Friedman, Barry M., Attending Staff, Department of Internal Medicine--Division of General Medicine  
Friedman, Chad I., Attending Staff, Department of Obstetrics and Gynecology Fromkes, John  
Fromkes, John J., Attending Staff, Department of Internal Medicine--Division of Gastroenterology  
Garvin, J. Charles, Courtesy Staff, Department of Ophthalmology  
George, David S., Limited Staff, Department of Ophthalmology  
Geron, Michael, Courtesy Staff, Department of Family Medicine  
Goldfarb, Steven J., Limited Staff, Department of Surgery--Division of Orthopaedic Surgery  
Goldman, Ernesto, Attending Staff, Department of Anesthesiology  
Gray, Linda S., Attending Staff, Department of Internal Medicine--Division of Rheumatology/Immunology  
Green, Cheryl A., Attending Staff, Department of Pathology  
Greenson, Joel K., Attending Staff, Department of Pathology  
Guy, Jerry T., Courtesy Staff, Department of Internal Medicine--Division of General Medicine  
Hackshaw, Kevin V., Attending Staff, Department of Internal Medicine--Division of Rheumatology/Immunology  
Hallm-Armanios, Mona Y., Attending Staff, Department of Anesthesiology  
Halle, Mark T., Limited Staff, Department of Psychiatry  
Hamilton, James F., Courtesy Staff, Department of Internal Medicine--Division of Dermatology  
Hammond Sue, Courtesy Staff, Department of Pathology  
Haningler, Glenn J., Courtesy Staff, Department of Obstetrics and Gynecology  
Hedges, Charles R., Courtesy Staff, Department of Family Medicine  
Hadrick, Sterling W., Courtesy Staff, Department of Internal Medicine--Division of Rheumatology/Immunology

September 6, 1991 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Medical Staff Reappointments (The Ohio State University Hospitals) (contd)

Henry, Mitchell L., Attending Staff, Department of Surgery--Division of Transplantation  
Herwig, Theodor F., Courtesy Staff, Department of Family Medicine  
Hudson, Norman P., Attending Staff, Department of Internal Medicine--Division of Rheumatology/Immunology  
Hughes, William F., Courtesy Staff, Department of Obstetrics and Gynecology  
Huneke, Allen L., Attending Staff, Department of Internal Medicine--Division of Infectious Diseases  
Ikerd, Tracey R., Limited Staff, Department of Radiology--Division of Diagnostic Radiology  
Irsik, Ronald D., Attending Staff, Department of Surgery--Division of Surgical Oncology  
James, Arthur G., Honorary Staff, Department of Internal Medicine--Division of Gastroenterology  
Jochem, Victor J., Limited Staff, Department of Psychiatry--Division of General Psychiatry  
Jones, Bruce A., Attending Staff, Department of Internal Medicine--Division of Gastroenterology  
Kafity, Alfred A., Limited Staff, Department of Surgery--Division of Thoracic and Cardiovascular Surgery  
Kakos, Gerard S., Attending Staff, Department of Surgery--Division of Plastic Surgery  
Kalanges, Lauri K., Limited Staff, Department of Internal Medicine--Division of Rheumatology/Immunology  
Kantor, Seth M., Attending Staff, Department of Ophthalmology  
Kapetansky, Frederick, Attending Staff, Department of Physical Medicine and Rehabilitation  
Kaplan, Paul E., Attending Staff, Department of Pediatrics  
Kebe, Stephen L., Courtesy Staff, Department of Internal Medicine--Division of General Medicine  
Keith, Paul F., Courtesy Staff, Department of Obstetrics and Gynecology  
Kennard, Elizabeth, Limited Staff, Department of Pathology  
Kennedy, Melanie S., Attending Staff, Department of Pathology  
Keyhani-Rofagha, S., Attending Staff, Department of Surgery--Division of Thoracic and Cardiovascular Surgery  
Kllman, James W., Attending Staff, Department of Obstetrics and Gynecology  
Kim, Moon H., Attending Staff, Department of Internal Medicine--Division of General Medicine  
King, Kathleen P., Courtesy Staff, Department of Internal Medicine--Division of Gastroenterology  
Kirkpatrick, Robert B., Attending Staff, Department of Internal Medicine--Division of Dermatology  
Knox, David W., Courtesy Staff, Department of Surgery--Division of Orthopaedic Surgery  
Kogan, Michael G., Limited Staff, Department of Internal Medicine--Division of Infectious Diseases  
Koletar, Susan L., Attending Staff, Department of Internal Medicine--Division of General Medicine  
Kreger, Cynthia G., Attending Staff, Department of Internal Medicine--Division of Endocrinology and Metabolism  
Krupko, John B., Courtesy Staff, Department of Surgery--Division of Surgical Oncology  
La Valle, Gregory J., Attending Staff, Department of Surgery--Division of Orthopaedic Surgery  
Lefkowitz, Michael S., Limited Staff, Department of Ophthalmology  
Lembach, Richard G., Attending Staff, Department of Ophthalmology  
Letson, Alan D., Attending Staff, Department of Internal Medicine--Division of Gastroenterology  
Levin, Douglas M., Courtesy Staff, Department of Obstetrics and Gynecology  
Lewandowski, George S., Attending Staff, Department of Internal Medicine--Division of Cardiology  
Lewis, Richard P., Attending Staff, Department of Internal Medicine--Division of General Medicine  
Lichtblau, Stephen H., Courtesy Staff, Department of Pathology  
Liss, Leopold, Attending Staff, Department of Otolaryngology  
Lowery, Howard W., Courtesy Staff, Department of Surgery--Division of Vascular Surgery  
Likens, Matthew L., Limited Staff, Department of Family Medicine  
Lutes, Richard A., Courtesy Staff, Department of Family Medicine

September 6, 1991 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Medical Staff Reappointments (The Ohio State University Hospitals) (contd)

Lutmer, William J., Attending Staff, Department of Internal Medicine--Division of Community Internal Medicine  
Allen, Elizabeth D., Limited Staff, Department of Pediatrics  
Allen, Hugh D., Attending Staff, Department of Pediatrics  
Anderson, Douglas R., Attending Staff, Department of Dentistry--Division of Oral and Maxillofacial Surgery  
Ansel, Gary M., Limited Staff, Department of Internal Medicine--Division of Cardiology  
Barker, Raymond E., Courtesy Staff, Department of Internal Medicine--Division of Cardiology  
Barrett, Gregory A., Courtesy Staff, Department of Pediatrics  
Barrows, Holly J., Courtesy Staff, Department of Obstetrics and Gynecology  
Barson, William J., Attending Staff, Department of Pediatrics  
Beattie, James F., Courtesy Staff, Department of Obstetrics and Gynecology  
Bechtel, Mark A., Courtesy Staff, Department of Internal Medicine--Division of Dermatology  
Bekele, Tamara S., Limited Staff, Department of Family Medicine  
Bhat, Prashanth, Limited Staff, Department of Emergency Medicine  
Blankenship, Larry L., Limited Staff, Department of Neurology  
Block, Frank E., Jr., Attending Staff, Department of Anesthesiology  
Bloom, Robert T., Limited Staff, Department of Ophthalmology  
Brown, Dan L., Attending Staff, Department of Ophthalmology  
Brown, Robert T., Attending Staff, Department of Pediatrics  
Budln, Lee E., Limited Staff, Department of Pediatrics  
Bullock, Joseph D., Courtesy Staff, Department of Pediatrics  
Burdge, Jeremy J., Attending Staff, Department of Surgery--Division of Plastic Surgery  
Burrier, Gail W., Courtesy Staff, Department of Family Medicine  
Burroughs, Jefferson M., Attending Staff, Department of Internal Medicine--Division of Cardiology  
Caldwell, Patricia B., Attending Staff, Department of Internal Medicine--Division of Cardiology  
Campbell, Kevin G., Limited Staff, Department of Surgery--Division of Urology  
Carnes, Allen D., Courtesy Staff, Department of Dentistry--Division of Oral and Maxillofacial Surgery  
Cassidy, Steven C., Attending Staff, Department of Pediatrics  
Christoforidis, A. John, Attending Staff, Department of Radiology  
Clark, Arthur L., Courtesy Staff, Department of Pediatrics  
Clark, Robert N., Attending Staff, Department of Surgery--Division of Orthopaedic Surgery  
Collins, Elmer C., Courtesy Staff, Department of Ophthalmology  
Copelan, Edward A., Attending Staff, Department of Internal Medicine--Division of Bone Marrow Transplantation  
Cordero, Leandro, Attending Staff, Department of Pediatrics (Joint Appointment with Obstetrics and Gynecology)  
Corry, Daniel L., Attending Staff, Department of Pediatrics  
Crecellus, Jeffrey W., Courtesy Staff, Department of Pediatrics  
Croft, Ann M., Courtesy Staff, Department of Pediatrics  
Davakis, Nicholas J., Courtesy Staff, Department of Internal Medicine--Division of Cardiology  
Dawdy, W. David, Courtesy Staff, Department of Pediatrics  
DeFillippo, John L., Limited Staff, Department of Radiology  
DeGroot, Christopher M., Limited Staff, Department of Psychiatry  
Delphla, Maureen A., Limited Staff, Department of Neurology  
Dietrich, Ann M., Attending Staff, Department of Pediatrics  
Dixon, Gerald F., Courtesy Staff, Department of Internal Medicine--Division of General Medicine  
Donat, Jane F., Attending Staff, Department of Pediatrics  
Donnerberg, Roy L., Honorary Staff, Department of Internal Medicine--Division of Pulmonary Diseases

PERSONNEL ACTIONS (contd)

Medical Staff Reappointments (The Ohio State University Hospitals) (contd)

Doody, Dennis M., Courtesy Staff, Department of Pediatrics  
Department of Neurology  
Drake, Richard D., Courtesy Staff, Department of Pathology  
Dumont, R. Charles, Limited Staff, Department of Pediatrics  
Eaton, Antoinette P., Honorary Staff, Department of Pediatrics  
Essig, Garth F., Attending Staff, Department of Obstetrics and Gynecology  
Evans, Thomas W., Attending Staff, Department of Dentistry--Division of Oral and Maxillofacial Surgery  
Fisher, John A., Courtesy Staff, Department of Internal Medicine--Division of Cardiology  
Fleishman, Bruce L., Courtesy Staff, Department of Internal Medicine--Division of Cardiology  
Ford, Gwendolyn F., Limited Staff, Department of Neurology  
Franklin, Wayne H., Attending Staff, Department of Pediatrics  
Gandhi, Adithya K., Limited Staff, Department of Internal Medicine--Division of Cardiology  
Goorey, Louis J.R., Courtesy Staff, Department of Pediatrics  
Graber, Harry L., Courtesy Staff, Department of Internal Medicine--Division of Cardiology  
Grossman, Lindsey K., Attending Staff, Department of Pediatrics  
Grossman, Nell J., Attending Staff, Department of Pediatrics  
Heitlinger, Leo A., Attending Staff, Department of Pediatrics  
Henderson, Dave E., Courtesy Staff, Department of Pediatrics  
Hogan, Mary Beth, Limited Staff, Department of Pediatrics  
Hughes, Steven R., Limited Staff, Department of Radiology  
Hunnicut, Melinda W., Limited Staff, Department of Internal Medicine--Division of Cardiology  
Hurd, Thelma C., Limited Staff, Department of Surgery--Division of Surgical Oncology  
Inglis, William D., Courtesy Staff, Department of Internal Medicine--Division of Endocrinology  
Jackson, Rebecca D., Attending Staff, Department of Internal Medicine--Division of Endocrinology and Metabolism  
Jacoby, Jay, Attending Staff, Department of Anesthesiology  
Jeffers, Phillip D., Courtesy Staff, Department of Surgery--Division of Orthopaedic Surgery  
Johnson, Charles F., Attending Staff, Department of Pediatrics  
Joshi, Kamal K., Courtesy Staff, Department of Surgery--Division of Urology  
Kasten, Eileen F., Limited Staff, Department of Pediatrics  
Keck, Robert J., Courtesy Staff, Department of Pediatrics  
Kien, Craig L., Attending Staff, Department of Pediatrics  
Kirschner, Stephen D., Courtesy Staff, Department of Internal Medicine--Division of Cardiology  
Kissel, John T., Attending Staff, Department of Neurology  
Klaus, Andrew P., Courtesy Staff, Department of Internal Medicine--Division of Cardiology  
Klinger, Robert J., Courtesy Staff, Department of Pediatrics  
Kobus, Raymond J., Courtesy Staff, Department of Surgery--Division of Orthopaedic Surgery  
Lach, Ralph D., Courtesy Staff, Department of Internal Medicine--Division of Cardiology  
Ladson-Wofford, Stephanie E., Attending Staff, Department of Internal Medicine--Division of General Medicine  
Lehmann, David M., Attending Staff, Department of Ophthalmology  
Lembach, Robert E., Courtesy Staff, Department of Ophthalmology  
Li, B. Ulysses K., Attending Staff, Department of Pediatrics  
Lindner, Steven E., Courtesy Staff, Department of Pediatrics  
Littleton, Anne D., Courtesy Staff, Department of Pediatrics  
Lo, Warren D., Attending Staff, Department of Pediatrics  
Lomano, Jack M., Courtesy Staff, Department of Obstetrics and Gynecology  
Lombardi, Adolph V., Jr., Courtesy Staff, Department of Surgery--Division of Orthopaedic Surgery  
Lubbers, Lawrence M., Attending Staff, Department of Surgery--Division of Orthopaedic Surgery

PERSONNEL ACTIONS (contd)

Medical Staff Reappointments (The Ohio State University Hospitals) (contd)

Murray, Kevin D., Limited Staff, Department of Surgery--Division of General Surgery  
Schuster, Andreas W., Limited Staff, Department of Anesthesiology  
Alton, Mary E., Limited Staff, Department of Internal Medicine--Division of Cardiology  
Amra, Nasir K., Limited Staff, Department of Pathology  
Andersen, Katherine A., Limited Staff, Department of Internal Medicine--Division of General Medicine  
Arnold, L. Eugene, Attending Staff, Department of Psychiatry--Division of Child Psychiatry  
Arnold, Mark W., Attending Staff, Department of Surgery--Division of General Surgery  
Aslanian, Wahan S., Attending Staff, Department of Psychiatry  
Avalos, Belinda R., Attending Staff, Department of Internal Medicine--Division of Bone Marrow Transplantation  
Axelson, David B., Limited Staff, Department of Psychiatry  
Ayers, Lorri A., Limited Staff, Department of Internal Medicine--Division of General Medicine  
Bach, Joseph T., Limited Staff, Department of Pathology  
Backes, Carl R., Courtesy Staff, Department of Pediatrics  
Bacon, James P., Attending Staff, Department of Internal Medicine--Division of Cardiology  
Balles, James R., Jr., Limited Staff, Department of Pediatrics  
Balrd, Ian M., Courtesy Staff, Department of Internal Medicine--Division of Infectious Diseases  
Baker, N. Douglas, Attending Staff, Department of Ophthalmology  
Balcerzak, Stanley P., Attending Staff, Department of Internal Medicine--Division of Hematology and Oncology  
Baldwin, Robert M., Courtesy Staff, Department of Pediatrics  
Balke, Len D., Limited Staff, Department of Psychiatry  
Banks, Joseph H., Courtesy Staff, Department of Pediatrics  
Baransky, Thomas M., Limited Staff, Department of Dentistry--Division of Oral and Maxillofacial Surgery  
Barker, William D., Courtesy Staff, Department of Surgery--Division of Orthopaedic Surgery  
Barth, Rolf F., Attending Staff, Department of Pathology  
Bartko, Albert K., Limited Staff, Department of Physical Medicine and Rehabilitation  
Basile, Alfonso J., Limited Staff, Department of Anesthesiology  
Bass, Jack C., Courtesy Staff, Department of Pediatrics  
Batley, Rosalind J., Attending Staff, Department of Physical Medicine and Rehabilitation  
Batterson, Robert E., Courtesy Staff, Department of Pediatrics  
Bauer, Stephen R., Courtesy Staff, Department of Pediatrics  
Bay, William H., Attending Staff, Department of Internal Medicine--Division of Nephrology  
Becker, William J., Limited Staff, Department of Pathology  
Beggan, Bryan E., Limited Staff, Department of Family Medicine  
Behrens, Brent C., Attending Staff, Department of Internal Medicine--Division of Hematology and Oncology  
Behrmann, Donald L., Limited Staff, Department of Surgery--Division of Neurosurgery  
Bell, Anthony W., Limited Staff, Department of Anesthesiology  
Bell, David C., Attending Staff, Department of Obstetrics and Gynecology  
Bell, Jeffrey G., Courtesy Staff, Department of Obstetrics and Gynecology  
Beman, Floyd M., Honorary Staff, Department of Internal Medicine--Division of Gastroenterology  
Benedetti, Costantino, Attending Staff, Department of Anesthesiology  
Benjamin, David, Attending Staff, Department of Internal Medicine--Division of Hematology and Oncology  
Bennett, Joseph C., Attending Staff, Department of Internal Medicine--Division of Community Internal Medicine  
Bennett, Robert, Attending Staff, Department of Ophthalmology

PERSONNEL ACTIONS (contd)

Medical Staff Reappointments (The Ohio State University Hospitals) (contd)

Bennett, William F., Attending Staff, Department of Radiology--Division of Diagnostic Radiology  
 Benson, Gregory J., Limited Staff, Department of Anesthesiology  
 Beran, Robin F., Courtesy Staff, Department of Ophthalmology  
 Berggren, Ronald B., Honorary Staff, Department of Surgery--Division of Plastic Surgery  
 Berndt, Daniel, Limited Staff, Department of Emergency Medicine  
 Betts, William B., Limited Staff, Department of Surgery--Division of Neurosurgery  
 Bibler, William B., Limited Staff, Department of Radiology--Division of Diagnostic Radiology  
 Binkley, Philip F., Attending Staff, Department of Internal Medicine--Division of Cardiology  
 Birkovich, Lorraine M., Attending Staff, Department of Internal Medicine--Division of General Medicine  
 Bisaccia, Emil, Courtesy Staff, Department of Internal Medicine--Division of Dermatology  
 Blose, Ralph D., Courtesy Staff, Department of Obstetrics and Gynecology  
 Blumenfeld, Michael L., Attending Staff, Department of Obstetrics and Gynecology  
 Boesel, Carl P., Attending Staff, Department of Pathology  
 Bohlen, John G., Courtesy Staff, Department of Family Medicine  
 Bolton, Eileen C., Limited Staff, Department of Pediatrics  
 Booth, Jack B., Courtesy Staff, Department of Otolaryngology  
 Boudinot, Wanda C., Attending Staff, Department of Pediatrics  
 Boudoulas, Harisios, Attending Staff, Department of Internal Medicine--Division of Cardiology  
 Bou-Khalil, Pierre K., Limited Staff, Department of Internal Medicine--Division of General Medicine  
 Bouroncle, Bertha A., Attending Staff, Department of Internal Medicine--Division of Hematology and Oncology  
 Boutros, Mounir, Limited Staff, Department of Psychiatry  
 Bova, James G., Attending Staff, Department of Radiology  
 Bowen, Juan M., Attending Staff, Department of Internal Medicine--Division of General Medicine  
 Bowyer, Brian L., Attending Staff, Department of Physical Medicine and Rehabilitation  
 Boyer, Stephen H., Limited Staff, Department of Internal Medicine--Division of General Medicine  
 Boyle, Jeffrey G., Limited Staff, Department of Obstetrics and Gynecology  
 Brady, Michael T., Attending Staff, Department of Pediatrics (Joint Appointment with Preventive Medicine)  
 Bremer, Don L., Attending Staff, Department of Ophthalmology  
 Brinkman, John B., Limited Staff, Department of Surgery--Division of Urology  
 Brogan, Martha A., Attending Staff, Department of Radiology--Division of Diagnostic Radiology  
 Broner, Cynthia W., Attending Staff, Department of Pediatrics  
 Brooks, Jonathan B., Attending Staff, Department of Emergency Medicine  
 Brown, Charles G., Attending Staff, Department of Emergency Medicine  
 Bryan, Bradley A., Limited Staff, Department of Surgery--Division of General Surgery  
 Buchele, Brentley A., Attending Staff, Department of Surgery--Division of Plastic Surgery  
 Bullock, Thomas R., Attending Staff, Department of Preventive Medicine (Joint Appointment with Emergency Medicine)  
 Bush, Charles A., Attending Staff, Department of Internal Medicine--Division of Cardiology  
 Cahill, Kenneth V., Attending Staff, Department of Ophthalmology  
 Campagni, Michael A., Limited Staff, Department of Anesthesiology  
 Canlano, Donna A., Attending Staff, Department of Surgery--Division of Pediatric Surgery  
 Carpenter, Denise L., Limited Staff, Department of Pediatrics  
 Carr, Richard D., Honorary Staff, Department of Internal Medicine--Division of Dermatology  
 Caruso, Daniel R., Limited Staff, Department of Internal Medicine--Division of Endocrinology and Metabolism  
 Casavant, Marcel J., Limited Staff, Department of Emergency Medicine

PERSONNEL ACTIONS (contd)

Medical Staff Reappointments (The Ohio State University Hospitals) (contd)

Cataland, Samuel, Attending Staff, Department of Internal Medicine--Division of Endocrinology and Metabolism  
 Cecalupo, Anthony J., Attending Staff, Department of Pediatrics  
 Chakeres, Donald W., Attending Staff, Department of Radiology--Division of Diagnostic Radiology  
 Chitkara, Vijay K., Courtesy Staff, Department of Pediatrics  
 Chryssos, Antonios E., Attending Staff, Department of Surgery--Division of Thoracic & Cardiovascular Surgery  
 Churchill, Cynthia M., Attending Staff, Department of Psychiatry  
 Ciaglia, Domenica G., Limited Staff, Department of Dentistry--Division of General Dentistry  
 Clairmont, Albert C., Attending Staff, Department of Physical Medicine and Rehabilitation  
 Clinchot, Daniel M., Limited Staff, Department of Physical Medicine and Rehabilitation  
 Clinton, Carol L., Limited Staff, Department of Emergency Medicine  
 Cloutier, Charles T., Attending Staff, Department of Surgery--Division of General Surgery  
 Cody, Robert J., Attending Staff, Department of Internal Medicine--Division of Cardiology  
 Colachis, Sam C., Attending Staff, Department of Physical Medicine and Rehabilitation  
 Coleman, Carl R., Attending Staff, Department of Surgery--Division of Orthopaedic Surgery  
 Collins, Kathryn A., Limited Staff, Department of Surgery--Division of General Surgery  
 Colombo, Giovanni, Limited Staff, Department of Surgery--Division of Urology  
 Conway, William F., Limited Staff, Department of Anesthesiology  
 Cook, Joshua C., Limited Staff, Department of Family Medicine  
 Cook-Glenn, Celeste L., Limited Staff, Department of Pathology  
 Copeland, Larry J., Attending Staff, Department of Obstetrics and Gynecology  
 Copeland, William E., Jr., Attending Staff, Department of Obstetrics and Gynecology  
 Coslo, Fernando G., Attending Staff, Department of Internal Medicine--Division of Nephrology  
 Crocetti, Guy D., Limited Staff, Department of Pediatrics  
 Croci, Henry, Courtesy Staff, Department of Ophthalmology  
 Crouser, Elliott D., Limited Staff, Department of Internal Medicine--Division of General Medicine  
 Cunningham, Charles A., Courtesy Staff, Department of Internal Medicine--Division of Allergy  
 Cunningham, Jerome J., Attending Staff, Department of Radiology--Division of Diagnostic Radiology  
 Curnow, Scott W., Limited Staff, Department of Pediatrics  
 Custer, Robert M., Limited Staff, Department of Anesthesiology  
 Czerniecki, Brian J., Limited Staff, Department of Surgery--Division of General Surgery  
 Dangel, Matthew E., Attending Staff, Department of Ophthalmology  
 Darnell, Mark T., Limited Staff, Department of Emergency Medicine  
 Davidoff, Elliot, Courtesy Staff, Department of Ophthalmology  
 Davies, David E., Limited Staff, Department of Emergency Medicine  
 Davies, Elizabeth A., Limited Staff, Department of Surgery--Division of General Surgery  
 Davls, Loretta S., Attending Staff, Department of Internal Medicine--Division of Dermatology  
 Davls, William B., Attending Staff, Department of Internal Medicine--Division of Pulmonary Diseases  
 Dayton, Mark A., Attending Staff, Department of Internal Medicine--Division of Hematology and Oncology  
 Dearmont, Karen E., Limited Staff, Department of Obstetrics and Gynecology  
 DeLevie, Judith G., Attending Staff, Department of Pediatrics  
 DelMedco, Valerie J., Limited Staff, Department of Psychiatry  
 DeMeo, Patrick J., Limited Staff, Department of Surgery--Division of Orthopaedic Surgery  
 Deutsch, David E., Limited Staff, Department of Pediatrics  
 DeVoe, Kelth, Jr., Courtesy Staff, Department of Obstetrics and Gynecology  
 Diaz, Donna T., Courtesy Staff, Department of Obstetrics and Gynecology  
 Diaz, Phillip T., Limited Staff, Department of Internal Medicine--Division of Pulmonary Diseases

PERSONNEL ACTIONS (contd)

Medical Staff Reappointments (The Ohio State University Hospitals) (contd)

Dick, Michael R., Limited Staff, Department of Emergency Medicine  
 Dillon, John J., Attending Staff, Department of Internal Medicine--Division of Nephrology  
 Dingle, J. B., Attending Staff, Department of Ophthalmology  
 Diss, Eleanor M., Limited Staff, Department of Obstetrics and Gynecology  
 Dixon, Evan W., Courtesy Staff, Department of Internal Medicine--Division of Cardiology  
 Djuric, Vladimir, Limited Staff, Department of Physical Medicine and Rehabilitation  
 Doctor, Leslie C., Limited Staff, Department of Ophthalmology  
 Dodds, William G., Attending Staff, Department of Obstetrics and Gynecology  
 Donelan, Brian J., Limited Staff, Department of Internal Medicine--Division of General Medicine  
 Drabyn, Gerald A., Courtesy Staff, Department of Surgery--Division of Plastic Surgery  
 Drago, Stefano P., Limited Staff, Department of Surgery--Division of General Surgery  
 Drischoll, Timothy A., Limited Staff, Department of Pediatrics  
 Duran, Robert J., Attending Staff, Department of Surgery--Division of Plastic Surgery  
 Durbin, Robert A., Courtesy Staff, Department of Surgery--Division of Orthopaedic Surgery  
 Eaton, Ann E., Limited Staff, Department of Pediatrics  
 Eaton, Lynne A., Limited Staff, Department of Obstetrics and Gynecology  
 Eckhardt, Alfred J., Courtesy Staff, Department of Obstetrics and Gynecology  
 Edwards, Diane, Limited Staff, Department of Pathology  
 Ellison, Edwin C., Courtesy Staff, Department of Surgery--Division of General Surgery  
 Ellison, Edwin C., Courtesy Staff, Department of Otolaryngology  
 Elzinga, Darryl J., Limited Staff, Department of Ophthalmology  
 Eplropoulos, Alice T., Limited Staff, Department of Psychiatry  
 Evans, Tina L., Limited Staff, Department of Psychiatry  
 Falkenhain, Michael E., Limited Staff, Department of Internal Medicine--Division of General Medicine  
 Falkenhain, Sandra K., Limited Staff, Department of Anesthesiology  
 Falko, James M., Attending Staff, Department of Internal Medicine--Division of Endocrinology and Metabolism  
 Farber, Sanders M., Courtesy Staff, Department of Ophthalmology  
 Farina, Ralph A., Limited Staff, Department of Anesthesiology  
 Ferraro, James W., Attending Staff, Department of Surgery--Division of Plastic Surgery  
 Finn, James W., Courtesy Staff, Department of Internal Medicine--Division of Dermatology  
 Fleming, Christopher M., Limited Staff, Department of Obstetrics and Gynecology  
 Filint, Alan J., Limited Staff, Department of Pediatrics  
 Fontana, Mary E., Attending Staff, Department of Internal Medicine--Division of Cardiology  
 Forrest, Lowell A., Limited Staff, Department of Otolaryngology  
 Forsthoefel, Kevin F., Limited Staff, Department of Pathology  
 Forsythe, Robert C., Courtesy Staff, Department of Pediatrics  
 Foy, James E., Courtesy Staff, Department of Pediatrics  
 Frankowski, Amy A., Limited Staff, Department of Internal Medicine--Division of General Medicine  
 Fraser, Bruce A., Courtesy Staff, Department of Dentistry-- Division of Oral and Maxillofacial Surgery  
 Freedy, Lucy R., Attending Staff, Department of Radiology  
 Freidenberg, Donald L., Courtesy Staff, Department of Neurology  
 Freno, Janet A., Courtesy Staff, Department of Pediatrics  
 Frelman, Roger A., Courtesy Staff, Department of Pediatrics (Joint Appointment with Internal Medicine-- Division of Allergy)  
 Fugate, Lisa P., Limited Staff, Department of Physical Medicine and Rehabilitation  
 Fuhrman, Thomas M., Attending Staff, Department of Anesthesiology  
 Fuller, Roderick L., Courtesy Staff, Department of Surgery--Division of Orthopaedic Surgery  
 Gabbe, Steven G., Attending Staff, Department of Obstetrics and Gynecology

PERSONNEL ACTIONS (contd)

Medical Staff Reappointments (The Ohio State University Hospitals) (contd)

Gaeuman, John V., Attending Staff, Department of Preventive Medicine (Joint Appointment with Internal Medicine--Division of General Medicine)  
 Gahbauer, Reinhard A., Attending Staff, Department of Radiology--Division of Radiation Oncology  
 Gahman, James W., Courtesy Staff, Department of Family Medicine  
 Gams, Richard A., Courtesy Staff, Department of Internal Medicine--Division of Hematology and Oncology  
 Gardner, Edmond W., Courtesy Staff, Department of Internal Medicine--Division of Dermatology  
 Gavin, Thomas J., Limited Staff, Department of Emergency Medicine  
 Gemma, Steven M., Limited Staff, Department of Psychiatry  
 George, Jack M., Attending Staff, Department of Internal Medicine--Division of Endocrinology and Metabolism  
 Gerace, Ann, Attending Staff, Department of Ophthalmology  
 Gerald, Steven E., Courtesy Staff, Department of Internal Medicine--Division of Nephrology  
 Gersman, Mark A., Limited Staff, Department of Ophthalmology  
 Getschman, Sarah J., Limited Staff, Department of Pediatrics  
 Gianakopoulos, William P., Limited Staff, Department of Surgery--Division of Urology  
 Gilman, Arthur M., Limited Staff, Department of Surgery--Division of Neurosurgery  
 Glenn, Clyde E., Limited Staff, Department of Psychiatry  
 Goodman, Joseph H., Attending Staff, Department of Surgery--Division of Neurosurgery  
 Gordillo, Gayle M., Limited Staff, Department of Surgery--Division of General Surgery  
 Grecula, John C., Limited Staff, Department of Radiology--Division of Radiation Oncology  
 Grecula, Michaleen A., Attending Staff, Department of Internal Medicine--Division of Community Internal Medicine  
 Greco, Christine D., Limited Staff, Department of Pediatrics  
 Green, Thomas D., Limited Staff, Department of Pathology  
 Griffith, Robert F., Attending Staff, Department of Emergency Medicine  
 Griggs, Roland C., Attending Staff, Department of Family Medicine  
 Gronka, Edward S., Limited Staff, Department of Surgery--Division of Plastic Surgery  
 Gross, William E., Limited Staff, Department of Otolaryngology  
 Guertln, Michael G., Limited Staff, Department of Anesthesiology  
 Gupta, Bhagwandas, Attending Staff, Department of Anesthesiology  
 Gupta, Mohinder K., Courtesy Staff, Department of Ophthalmology  
 Gupta, Shailesh, Limited Staff, Department of Radiology--Division of Radiation Oncology  
 Guse, Thomas R., Limited Staff, Department of Surgery--Division of Orthopaedic Surgery  
 Guthrie, Julie A., Limited Staff, Department of Psychiatry  
 Guthrie, Robert M., Attending Staff, Department of Family Medicine  
 Haas, Garrie J., Attending Staff, Department of Internal Medicine--Division of Cardiology  
 Hackett, Kevin J., Courtesy Staff, Department of Obstetrics and Gynecology  
 Hackworth, Craig A., Limited Staff, Department of Radiology  
 Hadaway, Scott J., Limited Staff, Department of Anesthesiology  
 Hajjnazarian, Melkon O., Limited Staff, Department of Internal Medicine--Division of Nephrology  
 Hamlar, David D., Jr., Limited Staff, Department of Otolaryngology  
 Hamoudi, Ala B., Courtesy Staff, Department of Pathology  
 Hamoudi, Ayser C., Courtesy Staff, Department of Pathology  
 Han, Linda K., Limited Staff, Department of Surgery--Division of General Surgery  
 Handler, Eric G., Attending Staff, Department of Pediatrics  
 Harris, Karen L., Limited Staff, Department of Pediatrics  
 Harris, Randall J., Limited Staff, Department of Internal Medicine--Division of General Medicine  
 Hartke, Raymond L., Limited Staff, Department of Internal Medicine--Division of General Medicine  
 Haun, Steven E., Attending Staff, Department of Pediatrics

## PERSONNEL ACTIONS (contd)

Medical Staff Reappointments (The Ohio State University Hospitals) (contd)

Hebert, Lee A., Attending Staff, Department of Surgery--Division of Nephrology  
 Heck, Robert W., Limited Staff, Department of Emergency Medicine  
 Hedges, Kathryn A., Limited Staff, Department of Neurology  
 Hegtvedt, Arden K., Attending Staff, Department of Dentistry--Division of Oral and Maxillofacial Surgery  
 Heintz, John S., Attending Staff, Department of Internal Medicine--Division of General Medicine (Joint Appointment with Pediatrics)  
 Hernandez, Raul A., Jr., Limited Staff, Department of Internal Medicine--Division of General Medicine  
 Herpy, Allen K., Limited Staff, Department of Dentistry--Division of Oral and Maxillofacial Surgery  
 Higbee, John W., Courtesy Staff, Department of Ophthalmology  
 Highberger, William A., Limited Staff, Department of Anesthesiology  
 Hixson, Carolyn S., Courtesy Staff, Department of Obstetrics and Gynecology  
 Hodgson, Sheila E., Attending Staff, Department of Radiology--Division of Radiation Oncology  
 Hoekstra, James W., Attending Staff, Department of Emergency Medicine  
 Hoffman, Stephen P., Limited Staff, Department of Internal Medicine--Division of General Medicine  
 Hord, Jeffrey D., Limited Staff, Department of Pediatrics  
 Houser, Robert G., Courtesy Staff, Department of Surgery--Division of Plastic Surgery  
 Houser, William A., Limited Staff, Department of Internal Medicine--Division of General Medicine  
 Howanitz, E. Paul, Attending Staff, Department of Surgery--Division of Thoracic & Cardiovascular Surgery  
 Howie, Michael B., Attending Staff, Department of Anesthesiology  
 Huang, Emina H., Limited Staff, Department of Surgery--Division of General Surgery  
 Huheey, Marilyn, Attending Staff, Department of Ophthalmology  
 Humphreys, Eric M., Attending Staff, Department of Anesthesiology  
 Iams, Jay D., Attending Staff, Department of Obstetrics and Gynecology  
 Igel, Andrea M., Limited Staff, Department of Pediatrics  
 Isehart, Craig E., Limited Staff, Department of Pathology  
 Jackson, Daniel G., Courtesy Staff, Department of Otolaryngology  
 Jacob, Robert S., Limited Staff, Department of Anesthesiology  
 Jaffe, Brian D., Limited Staff, Department of Internal Medicine--Division of Cardiology  
 Jenkins, Catherine L., Limited Staff, Department of Pediatrics  
 Jenkins, Timothy J., Limited Staff, Department of Surgery--Division of General Surgery  
 Johanson, Michael G., Attending Staff, Department of Anesthesiology  
 Johnson, Ernest W., Attending Staff, Department of Physical Medicine and Rehabilitation  
 Jolin, Edith M., Limited Staff, Department of Psychiatry  
 Jolly, Daniel E., Attending Staff, Department of Dentistry--Division of General Dentistry  
 Jonasson, Olga, Attending Staff, Department of Surgery--Division of General Surgery/Transplantation  
 Jonas, Arthur P., Attending Staff, Department of Family Medicine  
 Jones, Virginia H., Courtesy Staff, Department of Pediatrics  
 Jopling, Michael W., Attending Staff, Department of Anesthesiology  
 Jurdl, Raja A., Limited Staff, Department of Radiology--Division of Diagnostic Radiology  
 Kaeding, Christopher C., Attending Staff, Department of Surgery--Division of Orthopaedic Surgery  
 Kamalason, Sunderraj M., Limited Staff, Department of Surgery--Division of Orthopaedic Surgery  
 Kapoor, Neena, Attending Staff, Department of Pediatrics (Joint Appointment with Internal Medicine--Division of Bone Marrow Transplantation)  
 Katz, Charles M., Courtesy Staff, Department of Internal Medicine--Division of Endocrinology and Metabolism

## PERSONNEL ACTIONS (contd)

Medical Staff Reappointments (The Ohio State University Hospitals) (contd)

Kaufman, Jeffrey L., Courtesy Staff, Department of Internal Medicine--Division of Pulmonary Diseases  
 Kaye, William R., Courtesy Staff, Department of Dentistry--Division of Oral and Maxillofacial Surgery  
 Kean, John R., Courtesy Staff, Department of Surgery--Division of Orthopaedic Surgery  
 Kelch, Lisa A., Limited Staff, Department of Pediatrics  
 Kelley, Curtin G., Attending Staff, Department of Ophthalmology  
 Kelley, Michael T., Attending Staff, Department of Emergency Medicine (Joint Appointment with Pediatrics)  
 Kelly, David R., Attending Staff, Department of Otolaryngology  
 Kelly, William B., Limited Staff, Department of Anesthesiology  
 Kennedy, Maureen E., Limited Staff, Department of Obstetrics and Gynecology  
 Keplinger, Lynn E., Limited Staff, Department of Internal Medicine--Division of General Medicine  
 Kerbs, James R., Limited Staff, Department of Surgery--Division of Orthopaedic Surgery  
 Kim, John S.H., Limited Staff, Department of Internal Medicine--Division of General Medicine  
 Kindt, Gary C., Attending Staff, Department of Internal Medicine--Division of Pulmonary Diseases  
 King, Mark A., Limited Staff, Department of Radiology--Division of Diagnostic Radiology  
 Kington, J. Kevin, Courtesy Staff, Department of Obstetrics and Gynecology  
 Klitchen, Calvin B., Courtesy Staff, Department of Ophthalmology  
 Klein, Jared L., Attending Staff, Department of Pediatrics (Joint Appointment with Internal Medicine--Division of Bone Marrow Transplantation)  
 Klejka, James P., Limited Staff, Department of Physical Medicine and Rehabilitation  
 Koff, Stephen A., Attending Staff, Department of Surgery--Division of Urology  
 Kolattukudy, Marie M., Attending Staff, Department of Anesthesiology  
 Kollbash, Albert J., Jr., Attending Staff, Department of Internal Medicine--Division of Cardiology  
 Kondolios, Pete E., Limited Staff, Department of Pediatrics  
 Kontras, Stella B., Honorary Staff, Department of Psychiatry--Division of Child Psychiatry  
 Kosier, Marilyn K., Courtesy Staff, Department of Ophthalmology  
 Kovalchin, John P., Limited Staff, Department of Pediatrics  
 Kover, Alan J., Limited Staff, Department of Anesthesiology  
 Krantz, Carl A., Courtesy Staff, Department of Obstetrics and Gynecology  
 Kraut, Eric H., Attending Staff, Department of Internal Medicine--Division of Hematology and Oncology  
 Kuebler, John P., Courtesy Staff, Department of Internal Medicine--Division of Hematology and Oncology  
 Kunesch, Michael T., Attending Staff, Department of Ophthalmology  
 Kunin, Calvin M., Attending Staff, Department of Internal Medicine--Division of General Medicine  
 Lamb, James F., Attending Staff, Department of Internal Medicine--Division of General Medicine  
 Landon, Mark B., Attending Staff, Department of Obstetrics and Gynecology  
 Larry, John A., Limited Staff, Department of Internal Medicine--Division of General Medicine  
 Larsen, Peter E., Attending Staff, Department of Dentistry--Division of Oral and Maxillofacial Surgery  
 Lefkowitz, Jeffrey A., Limited Staff, Department of Internal Medicine--Division of Gastroenterology  
 Leler, Carl V., Attending Staff, Department of Internal Medicine--Division of Cardiology  
 Lenhard, Julie M., Limited Staff, Department of Pediatrics  
 Leonard, Steven E., Courtesy Staff, Department of Preventive Medicine (Joint Appointment with Family Medicine)  
 Leppink, Douglas M., Limited Staff, Department of Surgery--Division of General Surgery  
 Letvin, Charles L., Limited Staff, Department of Surgery--Division of Orthopaedic Surgery  
 Levitt, Jodie K., Limited Staff, Department of Surgery--Division of Neurosurgery  
 Lewis, James W., Courtesy Staff, Department of Internal Medicine--Division of Nephrology

PERSONNEL ACTIONS (contd)

Medical Staff Reappointments (The Ohio State University Hospitals) (contd)

- Libertin, Andrew G., Attending Staff, Department of Internal Medicine--Division of General Medicine (Joint Appointment with Pediatrics)
- Limbirt, James G., Courtesy Staff, Department of Ophthalmology
- Lingam, Rao P., Attending Staff, Department of Anesthesiology
- Lipscomb, Diane C., Limited Staff, Department of Pediatrics
- Liston, Todd C., Limited Staff, Department of Dentistry--Division of Oral and Maxillofacial Surgery
- Little, David R., Limited Staff, Department of Family Medicine
- Loar, Michael C., Courtesy Staff, Department of Pediatrics
- Logan, Karen D., Limited Staff, Department of Anesthesiology
- Lombardo, John A., Attending Staff, Department of Family Medicine
- Long, Roland E., Courtesy Staff, Department of Internal Medicine--Division of Dermatology
- Long, William W., Limited Staff, Department of Pediatrics
- Lopez, Luis A., Courtesy Staff, Department of Anesthesiology
- Lothes, Eric W., Courtesy Staff, Department of Ophthalmology
- Love, Charles J., Attending Staff, Department of Internal Medicine--Division of Cardiology
- Lubbers, Judith R., Courtesy Staff, Department of Family Medicine
- Lucas, Joel G., Attending Staff, Department of Pathology
- Luu, Tuan A., Limited Staff, Department of Emergency Medicine
- Lynn, Deborah J., Limited Staff, Department of Neurology
- Ohye, Elizabeth A., Limited Staff, Department of Internal Medicine--Division of General Medicine
- Pinsonneault, Judy M., Limited Staff, Department of Family Medicine
- Stahl, Deborah A., Limited Staff, Department of Anesthesiology

Upon motion of Ms. Casto, seconded by Mr. Colley, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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RESOLUTIONS IN MEMORIAM

Resolution No. 92-23

Synopsis: The Academic Affairs Committee recommended the approval of the following Resolutions in Memoriam.

RESOLVED, That the Board adopt the following Resolutions in Memoriam and that the President be requested to convey a copy to the families of the deceased.

Arthur S. Bostwick

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on July 2, 1991, of Arthur S. Bostwick, Assistant Professor Emeritus in the School of Journalism.

Professor Bostwick was born on April 21, 1902. He was a graduate of Campion Academy and Marquette University. Professor Bostwick was editor of the Berlin (Wis.) Evening Journal and a reporter for the Milwaukee (Wis.) Sentinel. He joined the Associated Press in Cleveland in 1934 and became its bureau chief. He transferred to Columbus in 1940 to cover the Ohio Statehouse for AP and during that time he established himself as an expert political reporter.

RESOLUTIONS IN MEMORIAM (contd)

Arthur S. Bostwick (contd)

In 1944, Arthur Bostwick returned to Cleveland and the following year entered public relations work. He was an early advocate of well-written catalog copy. He wrote the first in-house publication for Sears & Roebuck in Chicago. He became Director of Public Relations for Greyhound, Inc., where his job included convincing the American travelling public that Scenicruisers were safe and comfortable. The concept of bus terminals was new and another of Bostwick's challenges was to convince people that the convenience of bus travel was enhanced by having a comfortable place to wait.

Professor Bostwick joined The Ohio State University School of Journalism faculty in 1961. He taught newswriting and reporting courses and directed the Journalism Association for Ohio Schools scholastic journalism program. He was in charge of three-week summer journalism programs for high school students from around Ohio. The program participants were sponsored by newspapers in the state, whose support Professor Bostwick actively pursued. Professor Bostwick visited many Ohio high schools during the academic year to talk about journalism and careers in the mass media.

Before retiring in 1972, Professor Bostwick also became active in a program sponsored by the University to help dental editors publish interesting and timely state journals. During his retirement, Professor Bostwick was an active alumnus.

On behalf of the University community, the Board of Trustees expresses to the family of Professor Bostwick its deepest sympathy. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's realization of the loss that the family, the University, and his many friends, students and associates have sustained.

James Adam Jordan

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on June 5, 1991, of James Adam Jordan, Professor Emeritus in the Department of Mechanical Engineering.

Professor Jordan was born in Jackson County, West Virginia, and graduated from Parkersburg High School. He was appointed Ensign following graduation from the U.S. Naval Academy in 1927. He later earned a degree of Master Science at the University of California at Berkeley.

James Jordan served with the American Electoral Mission in Nicaragua and commanded submarine forces prior to and during World War II and attack transport during the Korean Conflict. He assisted in the formation of the Office of Naval Research and served as Professor of Naval Science at The Ohio State University. Following retirement from the Navy in 1957, Capt. Jordan joined the faculty of the Department of Mechanical Engineering at Ohio State. Upon his retirement in 1975, Professor Jordan was named Professor Emeritus.

Professor Jordan was a member of Sigma Xi, the U.S.N.A Alumni Association, the OSU Anvil and Bellows Club, the Torch Club, and the Columbus Museum of Art. At Ohio State he was viewed as an excellent teacher in Mechanical Engineering and was known by all his students as a thoughtful and stimulating person of high standards.

September 6, 1991 meeting, Board of Trustees

#### RESOLUTIONS IN MEMORIAM (contd)

James Adam Jordan (contd)

On behalf of the University, the Board of Trustees expresses to the family its deepest sympathy and sense of understanding in their loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Charles J. Koenig

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on August 1, 1991 of Charles J. Koenig, Professor Emeritus in the Department of Materials Science and Engineering.

Professor Koenig was born June 3, 1911, in St. Marys, Ohio. He received his preparatory education at North High School and Culver Military Academy. He attended The Ohio State University, earning the degrees B.S. in 1932, M.S. in 1933, and Ph.D. in 1935 all in Ceramic Engineering.

From 1935 to 1941, he was Research Engineer in the Engineering Experiment Station of The Ohio State University. Dr. Koenig was a Lt. Commander in the U.S. Navy from 1941 to 1945. He was assistant administrator of the research and design branch of the Electronics Division of the Bureau of Ships where his background in electric ceramics was highly valuable. Upon return to civilian life, he was appointed Director of Research of American Nepheline, Ltd. in 1945 and held that position until 1960. In 1960 he served as Vice President of Industrial Minerals of Canada for whom he has been Director since 1947.

Also in 1960, Dr. Koenig was Vice President and Director of Research of the American Nepheline Corporation. He was named President of the company in 1964. He held this position together with the Vice Presidency of Industrial Minerals, until 1965, at which time he returned to the University as Professor in the Department of Ceramic Engineering. He had been an adjunct professor in the department for several years prior to his return.

Professor Koenig was recognized as an authority in mineral beneficiation, and the important role of feldspathic materials as glass formers. He was a pioneer in the development of sonic test methods and the application of fluid energy reduction methods for particle comminution.

Dr. Koenig was a Fellow of the American Ceramic Society and had been a Trustee of the Society. He was also a member of the National Institute of Ceramic Engineers, the Canadian Ceramic Society, Keramos, Sigma Xi, and Sigma Gamma Epsilon. He was also a member of the American Society for Testing and Materials, and chaired several committees in that organization.

His teaching and research led to many technical publications in several fields including reactivity rates, fluxing reactions, and nepheline and syenite in ceramic compositions. Other areas were durability of glaze coatings, classification of particle sizes, thermal expansion of silicate fluxes, and development of vitreous compositions with low maturation characteristics.

He was a guest lecturer at the International Ceramic Congress held in Zurich in June 1950. He traveled extensively in Europe, studying ceramic industrial processes, research methods, and educational techniques.

September 6, 1991 meeting, Board of Trustees

#### RESOLUTIONS IN MEMORIAM (contd)

Charles J. Koenig (contd)

On behalf of the University community, the Board of Trustees expresses its sympathy and understanding to the family of Professor Koenig. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Chester N. McGrew

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on June 22, 1991, of Chester N. McGrew, Associate Professor Emeritus of the Ohio Cooperative Extension Service.

Mr. McGrew was born August 23, 1915, in Kent, Ohio. He received his B.S. in Agricultural Economics from The Ohio State University in 1939, and his M.S. in Agricultural Extension Education from The University of Wisconsin in 1953. He worked for The Ohio State University Cooperative Extension Service as an Assistant in County 4-H Programs in Geauga County in 1935 and in Stark County in 1936. In addition, he was a 4-H club member for nine years and also served as a club advisor and as President of the University 4-H Club.

Chester McGrew started his Extension career as a County 4-H Agent for Medina County in 1939. He then became the Associate Extension Agent for Medina County in 1946. Mr. McGrew assumed the position as Richland County Agricultural Agent in September 1948, and continued in this position as an Assistant Professor and Extension Agent for 26 years, until his retirement in 1974.

Mr. McGrew was affiliated with The Ohio Extension Agents Association, Mansfield Men's Garden Club, Richland County Farm Bureau and Alpha Zeta Fraternity. He was past President of Lucas Lions Club and President of Richland County Regional Planning Commission. Mr. McGrew was also a member of the First Presbyterian Church and served in the U.S. Army during World War II.

His contributions included his dedicated interest to 4-H county youth programs and animal husbandry practices. During his extension career he was able to secure the respect and admiration of those around him through his devotion and hard work to Agricultural Education and Cooperative Extension.

On behalf of the University community, the Board of Trustees expresses its sympathy and understanding to the family and friends of Chester McGrew. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Fadil I. Merhemic

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on March 30, 1991, of Fadil I. Merhemic, Assistant Professor Emeritus in the University Libraries.

Fadil Merhemic was born June 29, 1919, in Sarajevo, Yugoslavia. He received his education at State High School (Gymnasium) Sarajevo, University of Zagreb, Medical School, and School of Economics and World Trade, Vienna, Austria. In 1959 he received his M.S.L.S. degree from Western Reserve University, Cleveland, Ohio.

September 6, 1991 meeting, Board of Trustees

## RESOLUTIONS IN MEMORIAM (contd)

Fadil I. Merhemic (contd)

Professor Merhemic's first position at The Ohio State University Libraries in July 1959 was as a reference librarian, a newly created position in the Health Center Library. In April 1961, he accepted the position of head of the Veterinary Medicine Library only to resign in November. In September 1967 he returned to The Ohio State University Libraries as Head, Biological Sciences Library and stayed until his retirement in July 1979.

Faculty of the College of Biological Sciences noted that Mr. Merhemic did an excellent job in organizing, developing, and operating the Biological Sciences Library, and he contributed strongly to improved service and public relations. During Professor Merhemic's tenure as Head, the Biological Sciences Library collection grew to over 80,000; circulation of books and journals increased to over 61,000 per year. He served on numerous Library Committees including Committee for Benefits, Privileges, and Responsibilities and the Publications Committee.

Professor Merhemic's major publication was the editing and translation of the Proceedings of the 12 Congresses of the Game Biologists. The Proceedings appeared in a special issue of the Wildlife Review, published in March 1977. Professionally, Professor Merhemic was a member of the Academic Library Association of Ohio, American Association of University Professors, and the Special Library Association.

One of Professor Merhemic's strongest assets was his knowledge of many foreign languages. He was fluent in Serbo-Croatian, German, French, and read Macedonian, Slovenian, Russian, Spanish, Italian, and Arabic. Professor Merhemic was a member of the International Council of Mid-Ohio, and he volunteered in its Language Bank and acted several times as an interpreter and translator for various foreign languages. He was very active for many years in the Columbus Chapter of the United Nations Association, and received a peace award from the United Nations Association Headquarters. He was a co-founder and vice president of the Ethic Association of Mid-Ohio.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in their loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

H. William Newland

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on May 2, 1991, of H. William Newland, Professor Emeritus in the Department of Animal Science.

Professor Newland was born on January 26, 1917, in Hastings, Michigan. Professor Newland received his B.S. degree in 1940 and his M.S. degree in 1949 from Michigan State University, and his Ph.D. from the University of Florida in 1955.

Dr. Newland was county agent for Michigan State University and an instructor in the Animal Husbandry Department at Michigan State University from 1946 to 1966. Starting January 1, 1967, Professor Newland served as Fremont Area Extension Agent until 1975, when he became Animal Science Extension Specialist, Animal Nutritionist, within the Department of Animal Science.

Professor Newland's applied research in cattle nutrition resulted in many extension publications and the development of a computer ration formulation program.

September 6, 1991 meeting, Board of Trustees

## RESOLUTIONS IN MEMORIAM (contd)

H. William Newland (contd)

On behalf of the University community, the Board of Trustees expresses to the family of Professor Newland its deepest sympathy and understanding. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's realization of the loss to the family, the University, and his many friends and associates.

Eugene E. Slayman

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on June 23, 1991, of Eugene E. Slayman, Lecturer in the Department of French and Italian.

Eugene Slayman was born on September 20, 1952, in Canton, Ohio. He received his B.S. in Foreign Language Education and his M.A. in French from The Ohio State University in 1977 and 1987. He held appointments as a Graduate Teaching Associate in the Department of Romance Languages, 1985-87, then as Lecturer in French from 1987 until summer of 1991.

Mr. Slayman's services to the Department of French and Italian in preparation of course materials, in the office, and in many administrative capacities during its transition from Romance Languages, were unstinting and exceptional in their unswerving loyalty. His commitment to the teaching of beginning and intermediate French won the gratitude of many students and the admiration of colleagues.

On behalf of the University community, the Board of Trustees expresses its sympathy and understanding to the family. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Upon motion of Ms. Casto, seconded by Amb. Wolf, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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## STUDENT AFFAIRS COMMITTEE REPORT

Mr. Tonnies:

This morning the Student Affairs Committee heard a report from Jason January, Director of the USG Crimewatch Escort Service. Mr. January submitted a summary of the history and future goals of the escort service and this summary is available for all of the Trustees. He highlighted its growth as a result of the commitment given by President Gee and the Trustees to the Undergraduate Student Government. One example of this is shown by the number of escorts that that service has been able to provide. In the years 1988-1989, they were able to provide for 698 escorts, and in the year 1990-1991 they were able to provide 17,652. They attribute this directly to the increased support both in funding and in transportation, vans from Kreager and Graham Ford. He also illustrated the success of the experimental summer program, which recorded a record number 639 security violations in just the past summer quarter. The previous year they had 572 for the whole year. Again, I'd encourage the Board to review the submitted report.

September 6, 1991 meeting, Board of Trustees

### STUDENT AFFAIRS COMMITTEE REPORT (contd)

Mr. Tonnies: (contd)

We also heard a report from Ronald A. Michalec, who is the Deputy Chief of University Police, regarding student assistance and involvement in crime prevention. The Community Crime Patrol Incorporated was established on April 1, 1990, in response to the increasing crime problem in the University district. The University district is in the vicinity of the 1st and 4th precincts, and again he submitted a report and there is an illustrated map.

The 1990 University registration statistics show that 31,525 students reside in this area, and it is one of the areas in the City of Columbus, with the highest crime rate. The community crime patrol is funded by the Governor's office of criminal justice, the City of Columbus, and The Ohio State University. Community Crime Patrol is governed by a nine member Board of Trustees and staff, with one executive director, one administrative assistant, and 26 patrollers in conjunction with a representative of the Columbus Police Department and the Franklin County Sheriff's Office. They are responsible for the following duties and these include observing suspicious activities in this area, reporting those activities, gathering information, testifying as a witness in court if needed, observing, recording, and reporting all public safety hazards, and assisting citizens in any way that they can. He also detailed the number of assaults and burglaries, narcotics, etc. that they have been able to foil or at least report in the past year. Again, this will be submitted to the Board for review.

We also heard reports from the Undergraduate Student Government and the Council of Graduate Students. Matt Marking, who is Vice President of USG, read a report which was faxed to him by President Christine Chen, and that report is available for all members. It highlights concerns regarding the selection process for the student trustee position and a current plan is being formulated and revised to change the plan to a process which guarantees an undergraduate position on the Board every year. Again, this is still in its formulation stages and they will continue to work on that in the upcoming year.

A second concern expressed by the Undergraduate Student Government and by the Graduate students is the impact of the revised service of the bus loop on the student population. This summer quarter the Scarlet and Gray bus loop was discontinued, and it was originally planned to be cut for fall quarter, also secondary to budgetary decisions. We heard today that the service would run through the fall quarter to provide a transition period for the students. This way students who had planned their courses around using the bus loop to get from one place to another would not be hampered by the cut in service, and this gives them a little time to revise their winter schedules or just to plan better for the future.

Finally, Vice President Hector Lee, of the Council of Graduate Students gave a report. Mr. Tipton, who is President of the Council also submitted a report for the Board of Trustees. Mr. Lee highlighted various concerns facing graduate students. One of these was the bus problem which I just discussed. He also included health insurance concerns faced by graduate students. He highlighted that this is not only an OSU problem, but also a nationwide problem. In many instances the coverage provided is not sufficient for graduate students and their families, and he called for a continued University effort to investigate and alleviate this problem as best as we can. Graduate students are also concerned about the decreasing numbers of teaching and research assistantships. The committee reassured Mr. Lee that the University has made a

September 6, 1991 meeting, Board of Trustees

### STUDENT AFFAIRS COMMITTEE REPORT (contd)

Mr. Tonnies: (contd)

commitment to keep this reduction to a minimum, and it is something that we had already discussed today.

And if there are no questions Mr. Chairman, this concludes my report.

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### FISCAL AFFAIRS COMMITTEE REPORT

Mr. Shumate:

The Fiscal Affairs Committee met this morning as a committee of the whole and the following resolutions are being recommended:

#### WAIVERS OF COMPETITIVE BIDDING REQUIREMENTS APRIL - JUNE 1991

Resolution No. 92-24

Synopsis: The Fiscal Affairs Committee recommended the acceptance of the quarterly report on waivers of competitive bidding.

WHEREAS the Purchasing Policy of The Ohio State University, adopted by the Board of Trustees on September 7, 1984, provides that the President and/or the Vice President for Business and Administration may grant a waiver from competitive bidding in the event of an emergency, when a sufficient economic reason exists, or when the goods or services can be purchased from only a single source, with a report on such waivers to be made quarterly to this Board; and

WHEREAS the Acting Vice President for Business and Administration has submitted a report on waivers of competitive bidding requirements granted for the period of April-June 1991:

NOW THEREFORE

BE IT RESOLVED, That the report on waivers of competitive bidding requirements for the period of April-June 1991, is hereby accepted.

Upon motion of Mr. Shumate, seconded by Amb. Wolf, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix XVII for chart on Waivers of Competitive Bidding Requirements - April - June 1991, Page 355.)

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Mr. Shkurti:

My presentation consists of two parts. The first part is to give you a preliminary assessment of the impact of the budget cuts that resulted from the budget that was passed by the Board at the July 12 meeting. Then after I have reviewed that, I will present to you a plan for dealing with the additional cuts that came out of the Governor's veto and legislative compromise after the budget was passed.

Mr. Shkurti: (contd)

So let me turn first to a summary of the way the University is dealing with the budget cuts that came from the budget as it was passed by the Board on July 12. If you will remember the reason that cuts were necessary was because state support did not increase in 1992 over 1991 that is the first time that has happened to the University in 30 years.

The first part simply summarizes the magnitude in distribution of the cuts to the general fund. They totaled \$14.7 million -- \$3.3 million came from academic support units and \$11.4 from the colleges and academic units. If you will notice, a higher proportion of the cuts were taken from the academic support units, such as Business and Administration, Finance, Development and so forth, because we are attempting to protect, as best as we can, the academic core of the institution.

In addition, there are a number of units in the University that are not funded directly by the general fund, but it is important they contribute in any way that they can to help us deal with this financial problem. So you will notice that both University Systems and Units, the University telephone system, froze their rates and did not pass on higher costs to the users which would be the colleges and other parts of the University. That results in a significant savings and made it possible then for the academic and the academic support units to absorb a greater cut than they otherwise would have.

The same is true in terms of some one-time cash contributions from the various earnings units, such as Traffic and Parking and Athletics. This will allow us to allow some of the academic and academic units to spread their cuts out over a longer period of time so they are less disruptive and those will be helpful as well. You will notice a footnote in the case of Athletics, they will make a contribution. Dr. Spillman and I are still negotiating over the appropriate amount and I am sure that whatever we decide will be fair and appropriate.

The other thing that we wanted to stress, and President Gee mentioned to you when we were putting this budget package together, that we were not going to do these cuts across the board, that we were going to make an attempt to be selective and protect some vital areas and functions in the University. The list that you have is not complete, but it does give you an idea of some of the key functions that we did protect: Honors program, Student Scholarships, some of our affirmative action, and the general education curriculum. Most of these are directly student related. We tried to protect students as best as we could from the impact of these cuts. If a protected area is listed without a footnote -- that means that area received no budget cuts whatsoever. They were fully protected while other units were cut more, and some were cut partially.

In addition to the academic units, some key functions in the academic support units were protected as well, for example: police, fire, and emergency medical services, processing of student fees and loans, and some of our high priority research projects. As well as our administration of benefits and fund raising of unrestricted gift money, because to cut those would be shooting ourselves in the foot and that would not be wise.

Mr. Shkurti: (contd)

Finally, there were some earnings units that were also protected from any additional cuts -- Residence Halls, because that effects students directly. Also, University Hospitals and The James Cancer Hospital and Research Institute, because the Cancer Hospital is getting started up and needs to use resources available to them to strengthen their financial position.

The second part is our attempt to itemize the impact of these cuts on the University. I need to stress that these are preliminary because we still have some big units we are still negotiating with over their final cut plans. But I think that it will give you a sense of what these cuts have meant to the University.

As you know, the majority of what we spend is on personnel, so obviously that is where the cuts would be affected. What you see is a breakdown in terms of the number of positions eliminated. I need to stress that these are positions, not people. Let me draw the distinction. In a number of times that the University has gone through cut scenarios, one lesson that we have learned is that going to layoffs is an extremely expensive and inefficient way of saving money. One reason is you still have to pay the unemployment benefits of the person. The second reason is that there are a number of requirements in state law that are proper, but also make it extremely important that all the procedural details are met and if they are not met, the person has a right to win the job back. And the third reason is on the humanitarian basis. We expect a lot out of our employees, but at the same time, I think they have a right to expect us not to be arbitrary in dealing with their livelihood. So for all of these reasons we stress to managers as we absorb these budget cuts -- beginning if you recall with the hiring controls which were put on in December -- to the degree that you can, meet your budget reduction targets by using early retirement, voluntary retirement, people shifting jobs and holding vacancies open, use that option. I suspect the layoffs will end up not to be more than a handful.

On the other hand, I want to stress that these 365 positions are real positions. This is not a numbers game where six months from now the entities are going to go back and hire all of these people. The budget authority to hire these individuals, or to fund those positions, has been removed from the departments as part of the budget process. There are controls in place that assure that these positions can not be filled again six months later because the money is not there.

You will see that the number of positions eliminated effected all parts of the University. The regular faculty positions, none of those are layoffs because the faculty are tenured, are largely early retirements and other kinds of shifts. We have held the colleges and other units by and large followed our instructions. We came up with a significant savings, \$11.3 million from these positions, and that accounts for 77 percent of the total cuts to the general revenue fund. I also want to point out that these personnel reductions are also consistent with the overall position of the University -- to manage our personnel resources effectively and to try and do this on a long term systematic basis, rather than a hit and skip attempt.

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Mr. Shkurti: (contd)

The second set of impacts deals with impacts on programs and on students. Our estimate is at this point that from the budget cuts we will have to eliminate 144 teaching sections that otherwise would be able to fund. That will affect 8,790 students in round numbers. Student displacement means that one student is displaced from one section for one quarter. Now if you are one of those students, that means a lot to you. On the other hand, it is important that we keep this in context. The University offers approximately 8,000 courses in the catalog, so any number of displacements we have, because we are such a big University, is by definition going to be a large number. But in proportion to the University as a whole, it is a relatively small percentage, but is still a significant problem.

Secondly, it is important to point out that we have had a problem with some students being closed out of courses, in some cases required courses. And for these cuts to come on top of what has been a problem because of budget shortages in previous years, just makes that problem worse. It is something that we will be working on with the Office of Academic Affairs to minimize as much as possible.

Finally, we have a list of individual programs reduced or eliminated. Again, not attempting to list all of them, but to give you a feel for what a lot of these are. One is Photography and Cinema, and remember the final decision on this has to come to the Board for approval and it is working its way through the University system. But most of the programmatic reductions and eliminations are in academic support areas, rather than academic areas. Again, our effort to protect the academic core, although OSU football rebroadcasts are being eliminated. It is unfortunate that that affects the academic core of the University and affects other people dramatically. But again, in setting priorities, I think that is an appropriate one.

The Transportation Motor Pool is being eliminated, in effect being privatized. The Labor Education and Research Service is being reduced dramatically. That is more due to a cut in the state line item, but it is significant reduction and I wanted to list it here. The Campus Bus Service is being reduced, but in the priorities that are being established handicap services and night services will be continued. The hours of operations of Larkins Hall and the Wexner Center will be reduced, as well as the equipment repair function in Business and Administration.

So we are attempting to reduce programs to do more with less, as much as possible. But the requirements of absorbing a \$14 million cut -- even a budget of the size of this University -- means, unfortunately and inevitably, students are affected because they are the main part of what this University does. I think that we have kept those effects to a minimum given the circumstances.

Finally, let me stress again these figures are preliminary; they do not reflect the additional \$4.3 million cut. It does not reflect, except for the Labor Education and Research Service, cuts to individual line item appropriations such as clinical subsidies, the Supercomputer Center, and the Agricultural Research and Development Center in Wooster. Those entities are dealing with additional cuts as well on top of what you are seeing around here.

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Mr. Shkurti: (contd)

In summary, the University will go on and we will deal with these cuts as best as we can. One small measure of comfort is that the cuts are not as bad as they could have been. We appreciate everything that the Legislature did for us and our friends of the University that helped in making our case. If we were in California, New York, Massachusetts, Pennsylvania, or Michigan, we would be looking at cuts a lot more serious than this. So if misery loves company, we have plenty of company and they are in much more misery than we are. On the other hand, absorbing a \$14 million reduction in our budget will adversely affect the entire University, including our students, no matter how much we try to minimize that.

Mr. Chairman, let me stop at this point and ask if there are any questions?

Ms. Casto:

Could you clarify for me again the classes that were eliminated.

Mr. Shkurti:

Mr. Chairman, Ms. Casto, I cannot make a flat statement that no required courses were eliminated, because as soon as I do we will get a call, either Fred's office or mine, of an exception. I can say though that the Deans were instructed, in putting their cut plans together, to protect required courses because students need those to graduate. The cut plans submitted by the Deans were reviewed by the Office of Academic Affairs and were not approved until Academic Affairs was satisfied that the goal was met. In general, the principle was to establish a priority and not cut students out of required courses. But as you know, we already have this problem. With some 50,000 students on main campus, there is a possibility of students getting closed out of required courses. It is my guess that budget cuts of this magnitude are certainly not going to help, it will probably exacerbate the problem in some way. We will try and deal with those students individually to make sure that we get them placed in a way that allows them to graduate on time.

Ms. Casto:

Hopefully, our academic advisors will help to ease that situation when scheduling courses.

Mr. Shumate:

In looking at your report, it indicates that 144 sections were eliminated, with an impact on 8,790 students?

Mr. Shkurti:

Right. The other thing that I would like to mention is a member of my staff said, "wait a minute, you are eliminating 70 faculty and only 144 sections, isn't anybody teaching anymore?" And I think that I need to make clear that the numbers are correct in both cases. But what is happening in a number of colleges as the number of faculty have been reduced, rather than ripple that through to decreasing more sections, the existing faculty has been asked to teach more and some sections have been enlarged. So we tried to minimize the number of sections that are reduced.

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Mr. Teaford:

I think that it is important to note those academic areas that were protected, because they say an awful lot about this University and where its priorities are. We have the Honors Program, scholarships, Affirmative Action, Student Advising, the Young Scholars Program, Library acquisitions, the general education curriculum, and minority student recruitment. I think that it is very significant that we note what those were.

Mr. Shumate:

I certainly concur. Just so we are clear, Mr. Shkurti, this portion of your report deals with the \$14.7 million cut and there is an additional \$4.3 million cut that we need to absorb?

Mr. Shkurti:

That is correct.

Mr. Shumate:

Are there any other questions? If not, Bill, do you have another portion of your report?

Mr. Shkurti:

Mr. Chairman, the next portion of my report deals with the proposed resolution on Current Funds Budget Adjustments. If you recall, we approved the budget at the July 12 meeting based on the budget that was passed by the Conference Committee, because we had every reason to believe or we convinced ourselves that that would be the version of the budget that would finally be passed. And as you recall, there was a problem about the distribution of the higher education subsidy money between the four-year schools and the two year schools. The Governor vetoed the language which held Ohio State harmless in the version of the budget passed by the Legislature, but with the proviso he was willing to work with the Legislature on a compromise and that compromise was achieved. Without the compromise, we would have lost \$11 million and probably have to be rewriting the budget right now, which is something that I don't think that any of us wanted to do. The compromise did result in a decrease of \$4.3 million in state subsidy from what we thought we were going to get at the time the Board passed the budget on July 12. So the question is how do we deal now with an additional loss of \$4.3 million on top of the cuts that we just described.

One of the first things we did is to recognize that we do have to deal with it and consulted with various aspects of the University community, including the University Senate, Fiscal Committee, and the Deans. One suggestion was that we take this cut by reducing the pay raises that were approved by the Board in June. After a great deal of discussion, we all decided that would not be in the best interest of the University. It would also not be in the best interest of the University, having gone through the magnitude of cuts that we went through with the \$14 million, to go back and hit the colleges again for yet another series of cuts, and cause a great deal of disruption for summer and fall classes. So the goal was to find out how to absorb this \$4.3 million with the minimum of damage to the University in the long run.

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Mr. Shkurti: (contd)

If you recall when the budget was passed in July, we did set aside \$2 million for possible contingency for enrollment changes or budget bad news. The problem was that the budget bad news came a little quicker than we anticipated. But given that we have asked the colleges and the rest of the University to absorb cuts of the size that I indicated, we felt that it would unfair then to go back and hit them again while the University is sitting on a \$2 million contingency. So the rainy day is here. Our recommendation is that this contingency be applied to the \$4.3 million problem which would reduce it then to a \$2.3 million problem.

I need to stress that although this is probably the best use for the contingency at this time, there is a price to this. The price is that we lose flexibility in the case of any bad budget news in the future and the rest of the year. For example, there is a one percent trigger cut in the budget bill and if state revenues don't hold up and another cut comes, we won't have the flexibility to absorb it that we otherwise would. We also won't have flexibility to deal with enrollment shifts that we otherwise would have. It is a risk, but a calculated one and I think an appropriate one under the circumstances. But even if we take this \$2 million, we are still left trying to find another \$2.3 million.

So the second item that we are recommending is that the initial intent was to distribute the \$1.2 million from the insurance rate holiday in July, the portion that did not go to the employees. The intent was to distribute that back to the colleges and other units of the University for supplies and services. You may recall, when we had the budget discussion, that we have not given any inflationary increase for supplies and services to units of the University for 3 years. So the hope was with at least some one-time money, to help parts of the University to pay for increased rent, phone services, xeroxing, or whatever. Given the problems that we have, we felt that we could not release this money in good conscience, but felt that we needed to apply it to the \$4.3 million budget problem. It will not be easy for the various academic units to continue -- not having this money in the face of postal increases and everything else. But on the other hand, the fact that University Systems and the University Telephone System are both freezing their rates this year will make it at least a little bit easier for the colleges and other units to absorb this.

Those two items give us \$3.2 million, but we are still a little short of the money that we need. After consultation with the Office of Human Resources and my own staff, if current medical cost trends continue, and so far they have been very favorable in terms of the University controlling costs of health care to our employees, we intend to declare a second rate holiday sometime around the first of the year. If this happens, it will result in another savings to the Central University of \$1.2 million. If you add those together, that gives us \$4.4 million which is slightly over the \$4.3 million problem.

Now what needs to be clear about the use of the rate holidays is that we have been very fortunate. We have worked to have that fortune come upon us in controlling our health care costs, but we cannot turn to the health insurance reserve, which is necessary, as a narcotic to help us in every financial problem. There is a price every time we draw down this reserve. And the price is that sooner or later, no matter how hard we try, medical costs are going to start to go back up. And when they do, we are going to have to increase the rates to University employees. So as a result of the reserve being drawn down, it means inevitably University employees will have to pay more for their health insurance and the University will have to pay more for their employees health insurance. We thought that at this point, given the other alternatives on where this money could come from, it is better to do that and then

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Mr. Shkurti: (contd)

smooth into rate increases later, than to abruptly cut colleges and other units after the \$14 million cuts.

So these are, Mr. Chairman, our recommendations for dealing with the \$4.3 million problem. The \$2 million that we are proposing is in continuing money and the two \$1.2 millions are one-time money. That means that eventually we are going to have to make additional programmatic reductions to come up with another \$2.3 million for the money we have lost. But we would rather do that with enough time to do it systematically, than to try and do it abruptly in just a month or two.

Again, I need to stress and we need to keep this in context. The University's total budget is \$1.2 billion and the University's general fund budget is \$500 million. Somebody might ask, "If you have a \$500 million general fund budget, you ought to be able to absorb \$4 million without too much of a problem." But, again, we are budgetarily tight coming in. We had additional cuts coming in, the demands on the University have not abated, and we still have to educate our students. This \$4 million will hurt, but I think that the recommendations that we are presenting to you today confine that damage to the maximum extent possible and will allow the University to continue in its mission. Over time we will have to make additional programmatic reductions, but we will do that in a systematic and careful way so that we protect the core functions of the University.

Mr. Shumate:

Thank you, Mr. Shkurti. Are there any questions or need for clarification?

Mr. Celeste:

Mr. Shkurti, based on the trends, what is the likelihood of this automatic trigger?

Mr. Shkurti:

Mr. Celeste, that is probably the \$10 billion question. I would say right now the odds are more against it than for it, but not by a lot. The reason I say that is that if you saw in the paper this morning, State revenues are down in August. When I was in the position of Budget Director, I always used to repeat add nauseam -- until everybody got sick of it -- one month does not a trend make. If you look at two months, they were up last month. So if they were up one month and down the next, they are about where the projections should be.

The other evidence that we are getting, in terms of the national and states economy, is a continued mixed signal. Some indicators are good and some are bad, and the revenue projections are based on the economy kind of limping into a recovery. So at this point, the budget seems to be about where it was thought to be. The scenario which will result in a one percent cut or maybe worse, is the scenario of the so-called double dip recession. If you recall, the same thing happened in 1980 and 1982. There was a recession in 1980 and as we started to climb out of it, by 1982 we were back into it. That created a horrible budget problem for the State, that in the end was passed on to the universities. If that happens again, then we are going to have the one percent cut and worse. I hope that it doesn't because we will be back here doing nothing but cutting budgets.

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Mr. Shkurti: (contd)

On the other hand if the economy limps along pretty much as it has, grows slowly without a dramatic recovery, we should be able to make it through. But it really is a crap shoot. The economists are divided all over the place and, the majority opinion changes from month to month. We have to just soldier on as best as we can. It is a chance and there is a risk we are taking by spending the reserve now that we will be hurt more later down the road. But down the road we will have a little more time to get our academic planning process in operation and make some other adjustments.

Mr. Shumate:

Are there any other questions?

#### 1991-92 CURRENT FUNDS BUDGET ADJUSTMENTS

Resolution No. 92-25

Synopsis: The Fiscal Affairs Committee recommended the approval of the proposed 1991-92 Current Funds Budget adjustments.

WHEREAS the Board of Trustees has previously approved the budget for fiscal year 1991-92 at its July 12, 1991 meeting; and

WHEREAS subsequent actions by the Governor and the State Legislature have resulted in a decrease of \$4.3 million in estimated state subsidy appropriations; and

WHEREAS planned expenditures must now be adjusted to reflect this reduction in income; and

WHEREAS appropriate planning and consultation within the University has been accomplished:

NOW THEREFORE

BE IT RESOLVED, That planned expenditures for fiscal year 1991-92 be adjusted to reflect a \$4.3 million decrease in revenues; and

BE IT FURTHER RESOLVED, That the appropriate proposed reductions be incorporated into the text and tables accompanying the 1991-92 Current Funds Budget, 1st Quarter Report to be presented to the Board at its November 1, 1991 meeting.

Upon motion of Mr. Shumate, seconded by Ms. Casto, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix XVIII for 1991-92 Current Funds Budget Proposed Expenditure Reductions, page 357.)

Mr. Shumate:

Let me say on behalf of the Board that we really appreciate the very thoughtful and careful consideration and analysis of this issue by all of the University staff. We appreciate especially the consistency that you use with the academic mission of The Ohio State University.

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**EMPLOYMENT OF CONSULTANT**

Resolution No. 92-26

Synopsis: The Fiscal Affairs Committee recommended the authorization to employ a consultant to conduct a comprehensive review of the University Staff Classification system.

WHEREAS the Board of Trustees, at the July 12, 1991 meeting, approved as part of the 1991-92 budget a proposal to appoint a consultant to conduct a comprehensive review of the University staff classification system; and

WHEREAS after public advertisement, specifications and proposal forms were issued to fifteen (15) companies of which five (5) submitted proposals, five (5) did not respond, four (4) declined in writing to quote, and one (1) submitted a proposal after the bid deadline; and

WHEREAS appropriate University offices and individuals have reviewed the proposals and, based on price, completeness of proposal, experience of consulting team, experience in higher education, experience in hospitals and references it is the recommendation of the Office of Human Resources that the best responsive proposal was submitted by William M. Mercer Inc.:

NOW THEREFORE

BE IT RESOLVED, That on the basis of proposals received it is hereby recommended that William M. Mercer, Inc., be employed with the total cost not to exceed \$120,000.00 for the evaluation of the University staff classification system.

Upon motion of Mr. Shumate, seconded by Mr. Celeste, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**EMPLOYMENT OF ARCHITECTS/ENGINEERS AND  
REQUEST FOR CONSTRUCTION BIDS**

Resolution No. 92-27

Synopsis: The Fiscal Affairs Committee recommended the authorization to employ architects/engineers and request construction bids for the University Golf Course.

WHEREAS the Department of Athletics desires to proceed with the removal and replacement of two bridges, creek improvements, rock and channel protection, and lake dredging at the University Golf Course; and

WHEREAS the total estimated project cost is \$275,000.00, and the total estimated construction cost is \$250,000.00, with funding provided by the Department of Athletics:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Acting Vice President for Business and Administration be authorized to select qualified architectural/engineering firms as necessary for this project and that the fees for these services be negotiated between the firms selected and The Ohio State University; and

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**EMPLOYMENT OF ARCHITECTS/ENGINEERS AND  
REQUEST FOR CONSTRUCTION BIDS (contd)**

BE IT FURTHER RESOLVED, That the President and/or Acting Vice President for Business and Administration be authorized to request construction bids on this project in accordance with established University procedures, and if satisfactory bids are received, to award contracts, with all actions to be reported to this Board at the appropriate time.

Upon motion of Amb. Wolf, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix XIX for background material and map, page 359.)

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**REQUEST FOR CONSTRUCTION BIDS**

Resolution No. 92-28

**NORTH DORMITORY CHILLER REPLACEMENT, PHASE I  
STARLING-LOVING - COMPUTER CENTER MACHINE ROOM EXPANSION**

Synopsis: The Fiscal Affairs Committee recommended the authorization to request construction bids for the North Dormitory Chiller Replacement, Phase I and Starling-Loving - Computer Center Machine Room Expansion projects.

WHEREAS Residence and Dining Halls desires to proceed with the installation of new chillers, replacement of existing rooftop condenser units, and reconnection of refrigerant and water piping in Norton House, Blackburn House, Scott House, and Nosker House; and

WHEREAS the total estimated project cost is \$640,500.00, and the total estimated construction cost is \$600,000.00, with funding provided by Residence and Dining Halls; and

WHEREAS University Hospitals desires to proceed with the expansion of the computer center machine room in Starling-Loving to allow the centralization and integration of all hospital computers; and

WHEREAS the total estimated project cost is \$184,810.00, and the total estimated construction cost is \$145,000.00, with funding provided by University Hospitals:

NOW THEREFORE

BE IT FURTHER RESOLVED, That the President and/or Acting Vice President for Business and Administration be authorized to request construction bids on these projects in accordance with established University procedures, and if satisfactory bids are received, to award contracts, with all actions to be reported to this Board at the appropriate time.

Upon motion of Mr. Celeste, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix XX for background material, page 363.)

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REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS

Resolution No. 92-29

JOHNSTON LABORATORY - EXTERIOR MASONRY IMPROVEMENTS  
PARKS HALL LABORATORY RENOVATION  
MECHANICAL IMPROVEMENTS (DREESE LABORATORY)  
MASONRY IMPROVEMENTS (CAMPBELL HALL)  
OHIO STADIUM BLEACHER ADDITION, PHASES I AND II  
MECHANICAL IMPROVEMENTS (KINNEAR ROAD CENTER BUILDING A)  
BRIDGE AND STREET IMPROVEMENTS (WOODY HAYES DRIVE BRIDGE)  
RESEARCH CENTER - ENTRANCE ROAD RESURFACING  
RHODES HALL - SURGERY HVAC REVISIONS

Synopsis: The Fiscal Affairs Committee recommended the approval of the Report of Award of Contracts and the Establishment of Contingency Funds for nine projects.

WHEREAS resolutions adopted by the Board of Trustees on December 6, 1990 and May 3, 1991 authorized the President and/or Vice President for Business and Administration to request construction bids in accordance with established University procedures, and if satisfactory bids were received to award contracts for the following projects: Parks Hall Laboratory Renovation, Ohio Stadium Bleacher Addition, Phases I and II, and Rhodes Hall - Surgery HVAC Revisions; and

WHEREAS resolutions adopted by the Board of Trustees on May 4, 1989 and October 5, 1990, authorized the President and/or Vice President for Business and Administration to request construction bids in accordance with established State of Ohio procedures, and if satisfactory bids were received, to recommend the award of contracts for the following projects: Johnston Laboratory - Exterior Masonry Improvements, Mechanical Improvements (Dreese Laboratory), Masonry Improvements (Campbell Hall), Mechanical Improvements (Kinnear Road Center Building A), Bridge and Street Improvements (Woody Hayes Drive Bridge), and Research Center - Entrance Road Resurfacing:

NOW THEREFORE

BE IT RESOLVED, That pursuant to the actions previously authorized by the Board, the Report of Award of Contracts and Establishment of Contingency Funds for these projects is hereby approved.

Upon motion of Mr. Shumate, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix XXI for background material, page 365.)

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SALE OF REAL PROPERTY

Resolution No. 92-30

92.6 ACRES ON HARRISBURG PIKE  
COLUMBUS, OHIO

Synopsis: The Fiscal Affairs Committee recommended the sale of approximately 92.6 acres of unimproved real property located on Harrisburg Pike in Columbus, Ohio.

WHEREAS in December 1986, the Board of Trustees of The Ohio State University acquired by gift from Mr. Leonard J. Immke, Jr., approximately 92.6 acres of unimproved real property located on the east side of Harrisburg Pike near the intersection of Briggs Road in Columbus, Ohio; and

WHEREAS under the terms of this gift, the property is to be sold, and this gift is being used to support the Leonard J. Immke, Jr., and Charlotte L. Immke Chair in Cancer Research to support the work of a distinguished researcher in The Arthur G. James Cancer Hospital and Research Institute; and

WHEREAS the appraised value of this property is \$278,000.00 and Brentwood Limited Partnership has offered to purchase the property for \$300,000.00; and

WHEREAS the appropriate University officials have determined that this sale of the property is in the best interest of the University and it is the desire of this Board to accept the offer of Brentwood Limited Partnership, and to sell all of the Board's right, title, and interest in and to this property:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Acting Vice President for Business and Administration be authorized, in the name of the Board of Trustees of The Ohio State University, to sell all of the University's right, title, and interest in this property to Brentwood Limited Partnership, at a price of \$300,000.00 upon such terms and conditions as are deemed to be in the best interest of the University.

Upon motion of Mr. Shumate, seconded by Mr. Celeste, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix XXII for background material and map, page 385.)

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EASEMENT  
COLUMBUS SOUTHERN POWER COMPANY

Resolution No. 92-31

Synopsis: The Fiscal Affairs Committee recommended authorization to grant an easement to Columbus Southern Power Company for installation of an electric transformer at 1315 Kinnear Road.

WHEREAS Columbus Southern Power Company has requested the granting of a 15-year easement consisting of a strip of land approximately ten feet in width and 211 feet in length for the installation of an electrical transformer for the Biological Sciences Collections Building at 1315 Kinnear Road; and

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EASEMENT  
COLUMBUS SOUTHERN POWER COMPANY (contd)

WHEREAS this easement will serve University property; and

WHEREAS the appropriate University offices have recommended the approval of this easement;

NOW THEREFORE

BE IT RESOLVED, That the President and/or Acting Vice President for Business and Administration be authorized to request the Deputy Director of Public Works of the Department of Administrative Services, pursuant to his statutory duties, to act for and on behalf of the University in developing the necessary legal instruments to provide for this easement.

Upon motion of Mr. Celeste, seconded by Mr. Wexner, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix XXIII for map, page 389.)

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REPORT-EXPENSES FOR DESIGNATED ADMINISTRATIVE OFFICIALS  
Resolution No. 92-32

Synopsis: The Fiscal Affairs Committee recommended the approval for reimbursement of expenses for designated administrative officials.

WHEREAS the Fiscal Affairs Committee has authorized the payment of expenses for designated administrative officials; and

WHEREAS it is deemed in the best interest of the University for the Fiscal Affairs Committee to provide from the unrestricted gifts to the university Endowment Fund on an appropriate basis, to the President and designated University officials, reimbursement for expenditures which are directly and necessarily related to the performance of their assigned responsibilities and in the best interest of the University;

NOW THEREFORE

BE IT RESOLVED, That the Fiscal Affairs Committee be authorized to provide reimbursement to designated University officials from unrestricted gifts to the University Endowment Fund.

Upon motion of Mr. Celeste, seconded by Mr. Shumate, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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Mr. Wexner:

In this time of budget and fiscal constraints that are on the State, as well as The Ohio State University, I think that the administration and particularly President Gee have made reasonable adjustments. I want to congratulate you and compliment you, in light of these trying times, for the judgement that has gone into this. My view is that we have protected the interest of the students, faculty, and also the citizens of the State of Ohio. The University is the major teaching and research facility of the state and represents a long-term investment that has been made. It also represents an asset in the present and one that has to be protected in the future. I think it has to be recognized, that in these very difficult times -- at least as one Trustee, that the leadership of the Board, the President, and the Administration are doing a wonderful job of protecting that investment and leading us into the future.

Amb. Wolf:

To support what Mr. Wexner said, these are very, very difficult times. And in the face of meaningful budget cuts, the leadership of the University has responded marvelously to protecting the student quality and the academic quality at this University. And you are to be congratulated.

Mr. Shumate:

As Chair of the Fiscal Affairs Committee, I sincerely appreciate the hard work of both Mr. Shkurti and Mr. Nichols. One of the reasons that we are able to move through our agenda and to have the kind of thoughtful consideration and analysis of issues is because of the very hard work that they both do outside of the parameter of this formal business meeting. Again, I think the University is being well served, because when you look at the magnitude of the cuts, we have still been able to keep our priorities and keep investing in our assets.

Mr. Colley:

I want to state for the record that I wish to associate myself with the remarks of the previous speakers.

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Thereupon the Board adjourned to meet Thursday, October 3, 1991, at the Cleveland Clinic, Cleveland, Ohio.

Attest:

Madison H. Scott  
Secretary

Hamilton J. Teaford  
Chairman

THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND TWO HUNDRED AND SEVENTY-SIXTH MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, October 3, 1991

The Board of Trustees met at its regular monthly meeting on Thursday, October 3, 1991, at the Cleveland Clinic, Clinic Center Hotel, Cleveland, Ohio, pursuant to adjournment.

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Minutes of the last meeting were approved.

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October 3, 1991 meeting, Board of Trustees

The Chairman, Mr. Teaford, called the meeting of the Board of Trustees to order on October 3, 1991, at 3:45 p.m. He requested the Secretary to call the roll.

Present: Hamilton J. Teaford, Chairman, John J. Barone, Deborah E. Casto, John W. Kessler, Milton A. Wolf, Leslie H. Wexner, Alex Shumate, Theodore S. Celeste, Michael F. Colley, and David A. Tonnies.

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## PRESIDENT'S REPORT

President Gee:

I will make my report very, very short today because of the lateness of the hour and I will give this report to the Secretary so that it can be printed in the minutes.

I want to note that having been through a very stimulating period with our colleagues from the Cleveland Clinic, what a wonderful asset this relationship is going to be to this University. I think it is clear to our Cleveland Clinic friends that it is going to be an equally fine addition to their effort. I was absolutely fascinated to see Fred Cornhill and our biomedical engineering folks already creating what is going to be the heart of the future. And the fact that we are doing it together in that collaborative fashion, is very, very important indeed. Ambassador Wolf, I want to thank you for helping make these arrangements and of course we are looking forward to dancing late into the evening. To you and your fine wife, we thank you very much for the hospitality that has been exhibited this whole day.

I would like to make one introduction. One of the significant appointments of the University has just occurred and that is the Vice President for Agricultural Administration and Executive Dean of the College of Agriculture. As many of you know, after a truly international search, one that brought forth some of the best and most able candidates for this particular position that I have ever seen or that have been seen by any university, we turn to one of our own. Dr. Bob Moser, who is here, has been Director of the Cooperative Extension Service, has a distinguished career and international career in agriculture. We are delighted that that appointment has been made, and hopefully ratified by this Board today. Dr. Moser, if you will please stand and be recognized.

We are, of course looking forward to coming to Cleveland Municipal Stadium on October 19. Some people have been wondering why the Ohio State-Northwestern football game was moved up here. After looking at the sports page, the answer is apparent. The Cleveland Indians are more than 30 games out of first place, and the Cleveland Browns are playing 500 ball right now. This town is hungry for a winner!

The presentations at today's committee meeting reflect the range and depth of Ohio State's presence in the Cleveland area. The work we have begun with the Cleveland Clinic holds exciting promise for the future in health science education and medical research. Ohio State's work on Lake Erie through the Sea Grant program is important not only to the economy of this state, but as a valuable teaching resource for our faculty and students. From Young Scholars to honors students, the young people of this area have opportunities at Ohio State.

I want to thank our faculty for joining us earlier today.

### **PRESIDENT'S REPORT (contd)**

Ohio State truly is Ohio's university. This is most evident in the students whom I have met during the opening of the new academic year. At the President's Picnic for new students, I met students of all ages from across Ohio, the nation, and the world. While they seemed pleased to meet me, I believe it was Coach Randy Ayers who was the crowd favorite.

We very capably moved more than 10,000 people into residence halls over one weekend. Although this is our smallest freshman class in some time, the residence halls are at capacity. Remodeling and strengthened programming have made our halls very desirable to returning students.

Welcome activities included a river-bank party for Hispanic students, a welcome convocation for African-American students, and a student-organization fair to acquaint new students with campus activities. The Council of Graduate Students hosted an orientation and social program for their new colleagues.

The Citizens Crime Patrol is very active in the campus area after having a successful inaugural year. Police-trained patrollers walk the University area and report any suspicious activity. In 1990, they reported 2,700 incidents including criminal mischief, environmental hazards, open windows or doors, and other more serious crimes. This is a joint project with the city, the state, and the University.

Adding to the energy of the opening week of the new academic year has been the presence of Twyla Tharp as the first Wexner Center Residency Award recipient. Members of the Twyla Tharp dance company have been working with our students and faculty, as well as preparing for their own performances this weekend.

One of the foremost artists of her generation, Ms. Tharp has announced the gift of her archive to the University's Lawrence and Lee Theatre Research Institute. I only wish you could have witnessed Ms. Tharp's news conference at which she shared very generous words of praise for Ohio State. We truly are enriched by her residency on campus.

Since our last meeting, we have officially celebrated the centennial of the College of Law. It seems appropriate in this meeting to note that the formation of that college was not without controversy. It was university trustee, Rutherford B. Hayes, who is credited with convincing his colleagues to support this venture.

This past Tuesday we dedicated the Piketon Research and Extension Center. This important new facility brings together faculty from the Ohio Agricultural Research and Development Center and the Ohio Cooperative Extension Service. Their focus is on some of Ohio's significant problems in agriculture, the environment, the economic development. It is an outstanding example of our teaching, research, and service missions.

Yesterday, the Office of Academic Affairs hosted a very significant program for our university. A day-long conference, "Focus on Teaching," was held. Through speakers and discussion groups, the assembled deans, department chairs, and faculty leaders explored ways that we can enhance teaching at our university. I look forward to hearing the results of the conference sessions. I fully expect the ongoing work of this project committee to result in a model program on teaching excellence for comprehensive universities.

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October 3, 1991 meeting, Board of Trustees

## RESEARCH FOUNDATION REPORT

Ms. Casto:

Awards received by the Research Foundation during the month of August are listed under tab 1. A project of special note is highlighted under the second tab. This is a new interdisciplinary project which reflects the National Institute of Health's recent initiatives in the area of women's health. The project brings together researchers in statistics, medicine, and geological science. Tab 3 gives summary information on the awards. There are some striking ups and downs compared to last year, however, this is a function of timing of awards. The summary tables also include expenditure data. Nearly \$1 million in research equipment has been purchased in the past two months with grant and contract funds. Sponsored projects have also generated nearly \$6 million in indirect costs. The last tab, tab 4, provides a description of some of the interdisciplinary biomedical research being conducted at OSU. Are there any questions?

I would like to move to accept the August grants and contracts through the Engineering Experiment Station, The Ohio State University Development Fund, and The Ohio State University Research Foundation.

Mr. Teaford:

I just want you to note, in particular, that section on interdisciplinary research. The Biomedical Engineering Center which we just learned is an interdisciplinary activity by the Colleges of Biological Sciences, Dentistry, Education, Engineering, Math and Physical Sciences, Medicine, Optometry, Social and Behavioral Sciences, and Veterinary Medicine. In other words, indeed, a majority of all of the colleges of the University. We think that is the kind of thing that we are shooting for Mr. President.

## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

Resolution No. 92-33

Synopsis: Approval of the following reports on contracts, grants, and gifts and the summary for August 1991 is proposed.

WHEREAS monies are solicited and received on behalf of the University from governmental, industrial, other agencies, alumni, and various individuals in support of research, instructional activities, and service; and

WHEREAS such gifts and grants are received through The Ohio State University Research Foundation, the Engineering Experiment Station of The Ohio State University, and The Ohio State University Development Fund:

NOW THEREFORE

October 3, 1991 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

BE IT RESOLVED, That the research agreement between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the reports from the Engineering Experiment Station, and The Ohio State University Development Fund during the month of August 1991 be approved.

Upon motion of Ms. Casto, seconded by Mr. Kessler, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

(See Appendix XXIV for The Ohio State University Development, page 415.)

(See Appendix XXV for Report of Research Contracts, Grants, and Gifts, page 417.)

Background

AUGUST 1991

Source	7/1/90-8/31/90	7/1/91-8/31/91	August 1991
The Ohio State University Research Foundation	\$24,040,972.07	\$30,489,194.20	\$16,416,252.21
Engineering Experiment Station	\$ 2,341,784.00	\$ 1,540,061.00	\$ 93,972.00
OSU Foundation and Development Fund	\$ 6,909,467.00	\$ 5,485,780.00	\$ 4,000,189.00
The Ohio State University Development Fund			
Establishment of Named Funds			
The Plough Pharmacy Student Scholarship Fund (Scholarships - full-time undergraduate students)			\$ 752,192.01
The Erie and Orlyss Sauder 4-H Career Development Endowment Fund (Fund the Development Program)			\$ 100,000.00
The Coleman Memorial Alcove Fund (Purchase rare books, medical artifacts and/or furnishings)			\$ 18,079.05
The Auglaize County Cooperative Extension Endowment Fund (Support the Extension Program)			\$ 15,810.00

October 3, 1991 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

Background (contd)

AUGUST 1991 (contd)

Change in Name and Description of Named Fund

From: The Frank C. Caldwell Memorial Fund

To: The Frank C. and Louise Orton Caldwell Memorial Fund

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND**

Description of Named Funds

**The Plough Pharmacy Student Scholarship Fund**

The Plough Pharmacy Student Scholarship Fund was established October 3, 1991, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from the Plough Foundation of Memphis, Tennessee.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University and in accordance with the Amended Agreement between the University and the Plough Foundation, with the right to invest and reinvest as occasion dictates.

This fund was established originally by an agreement between the Plough Foundation and the University dated December 17, 1984, and amended October 10, 1988. Pursuant to the Amended Agreement, annual principal contributions shall be made by the Plough Foundation and annual advances of equal principal contributions shall be made by the University from 1984 through 1994. The advances shall be repaid to the University from the Fund in equivalent annual installments from 1999 through 2009.

The annual income shall be used to provide scholarships to full-time undergraduate students enrolled in the College of Pharmacy, with preference to Ohio residents. Recipients shall be known as "Plough Scholars" and shall be chosen on the basis of academic achievement, leadership, good citizenship, and financial need by a selection committee appointed by the President of the University, or his or her designee, and consisting of the University's Director of Student Financial Aid and personnel from the University's College of Pharmacy. Scholarship funds shall be used only for tuition and enrollment fees, laboratory fees, and textbooks. During each of the first 26 years, the aggregate annual amount of grants given shall equal either 3% of the market value of the Fund at the beginning of the Fund year or 50% of the gross income earned during the prior fiscal year, whichever is greater. Thereafter, the aggregate annual grant amount shall not exceed the annual net income earned during the prior fiscal year. To the extent needed to meet this provision, principal may be used for this purpose. In no event shall a single scholarship exceed the academic fees payable by a Plough Scholar who is classified as an in-state resident.

Pursuant to the Amended Agreement, it is the desire of the donor that the Plough Pharmacy Student Scholarship Fund be maintained and operated in perpetuity. If the need for this Fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor, provided that if the Foundation terminates the Amended Agreement pursuant to its provisions, one half of the Fund and one half of the repaid advances are to be returned to the Foundation.

October 3, 1991 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Description of Named Funds (contd)

The Erie and Orlyss Sauder 4-H Career  
Development Endowment Fund

The Erie and Orlyss Sauder 4-H Career Development Endowment Fund was established October 3, 1991, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Erie and Orlyss Sauder, friends of 4-H, Archbold, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to fund the Sauder 4-H Career Development Program to help youth learn career opportunities, work ethics, and the life skills necessary for the world of work. It will be managed by the State 4-H Leader and the Ohio 4-H Foundation Board of Trustees.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donors.

The Coleman Memorial Alcove Fund

The Coleman Memorial Alcove Fund was established October 3, 1991, by the Board of Trustees of The Ohio State University, with a gift to The Ohio State University Development Fund from the estate of Marietta Comly in memory of Dr. N. R. Coleman.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to purchase rare books, medical artifacts and/or furnishings for the Coleman Memorial Alcove in the Health Sciences Library. Expenditures shall be authorized by the Director, Health Sciences Library.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate program administrative officer in order to carry out the desire of the donor.

The Auglaize County Cooperative Extension  
Endowment Fund

The Auglaize County Cooperative Extension Endowment Fund was established October 3, 1991, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from the residents of Auglaize County.

October 3, 1991 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Description of Named Funds (contd)

The Auglaize County Cooperative Extension  
Endowment Fund (contd)

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to support the Auglaize County Cooperative Extension program. The distribution and use of these funds shall be determined by recommendation from the Auglaize County Cooperative Extension Advisory Committee and Auglaize County Extension Agents to the county chairperson of the Auglaize County Cooperative Extension Service. These funds are subject to review by the University's internal audit department.

Should the Auglaize County Cooperative Extension Office cease to exist, the Auglaize County Cooperative Extension Advisory Committee and/or its representative shall determine the future use and distribution of the fund's annual earnings by making appropriate recommendations to the official who is responsible for the Ohio Cooperative Extension Service. Additionally, the Auglaize County Cooperative Extension Advisory Committee shall have up to three years after the initial disbandment of the Auglaize County Extension Office to make an official recommendation.

It is the desire of the donors that this fund should benefit the Auglaize County Cooperative Extension Service in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income beyond the situation described in the preceding paragraph, then another use shall be designated by the Board of Trustees in consultation with the Auglaize County Advisory Committee, or their representatives, in order to carry out the desire of the donors.

Change in Name and Description of Named Fund

The Frank C. and Louise Orton Caldwell Memorial Fund

The Frank C. Caldwell Memorial Fund was established by the Board of Trustees of The Ohio State University on June 14, 1954, with gifts from Louise O. Caldwell and friends of the late Frank C. Caldwell, former Professor of Electrical Engineering. The name and description were revised on October 3, 1991, and this fund will be enlarged by the Trustees through the incorporation of the Frank Cary and Louise Orton Caldwell Scholarship Fund. The two funds were merged at the request of Carol Serling, granddaughter of Dr. and Mrs. Caldwell and surviving co-contributor to the Frank Cary and Louise Orton Caldwell Scholarship Fund.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used for scholarships for under-graduate students in Electrical Engineering. Selection will be made by the chairperson of the Department of Electrical Engineering in cooperation with the University Committee on Student Financial Aid. In the fifth year of every series of five-year periods, beginning January 1, 1955, the current interest from this fund plus any accumulation in excess of a base accumulation of \$1,000 may be used by the Board of Trustees, at its discretion, for any purpose.

October 3, 1991 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Change in Name and Description of Named Fund (contd)

The Frank C. and Louise Orton Caldwell Memorial Fund (contd)

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

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**HOSPITALS BOARD COMMITTEE REPORT**

Mr. Celeste:

The Professional Affairs/Education/Research Committee and the Executive Committee of the University Hospitals Board met on Thursday, September 26.

The Professional Affairs Committee adjourned into Executive Session to receive Quality Assurance Reports on the Respiratory Therapy department, and the Hospitals overall. Both reports addressed quality assurance goals, important aspects of care, and specific actions being taken to raise the quality of care even higher. We also discussed the decision of the Medical Staff Administrative Committee related to non-reappointment of a physician to the medical staff. In open session, we voted to affirm that decision on non-reappointment. We received the Medical Director's report and endorsed the medical staff appointments and reappointments from July and August. Mr. Fraley reported that four new special care beds will be opened; in addition, four existing special care beds now utilized for Cancer Hospital patients, will become available for use in December when the CHRI opens its new four-bed special care unit. We briefly discussed the Hospitals' ongoing efforts to facilitate parking for our patients and visitors.

During the Executive Committee meeting we adjourned into Executive Session for a very brief discussion on the impact on University Hospitals of the planned sale of St. Anthony's Hospital. In open session we received financial reports for University Hospitals and the CHRI, reviewed this year's SkyMed budget, year-end reports for both SkyMed and the MedOhio facilities, and MedOhio's performance. Ms. Kate Haller updated us on two Certificate of Need appeals. Mr. Fraley reported that several hospitals in outlying areas may be interested in affiliating with University Hospitals. We voted to endorse the medical staff appointments and asked Hospitals Administration to look at the possibility of a joint venture with University Reference Laboratories and report back to us. Lastly, Ms. Susan Insley, Chairperson, and Dr. John Kramer will review the Hospitals Board Bylaws to see whether some areas should be updated.

That concludes my report, Mr. Chairman.

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October 3, 1991 meeting, Board of Trustees

### ACADEMIC AFFAIRS COMMITTEE REPORT

Mr. Teaford:

Since we have all attended the Academic Affairs Committee, I have not asked for a summary of it. The Committee is recommending the following resolutions:

#### PERSONNEL ACTIONS

Resolution No. 92-34

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the September 6, 1991 meeting of the Board, including the following Promotions, Appointment, Appointment of Chairpersons of Departments, Reappointment of Chairperson of Department, Leaves of Absence Without Salary, Leave of Absence Without Salary--Continuation, Professional Improvement Leaves, and Emeritus Titles, as detailed in the University Budget be approved.

#### Promotions

Name: BOBBY D. MOSER  
Title: Vice President for Agricultural Administration and Executive Dean  
College: Agriculture  
Effective: October 1, 1991  
Salary: \$128,500.00  
Present Position: Director, Cooperative Extension Service

Name: MAC A. STEWART  
Title: Dean/Associate Professor  
College/Department: University College/Home Economics Education  
Effective: October 1, 1991  
Salary: \$82,000.00  
Present Position: Acting Dean, University College

#### Appointment

Name: WILLIAM L. SMEAD  
Title: Associate Professor (The Luther M. Keith Professorship in Surgery)  
Department/Division: Surgery/Vascular  
Effective: July 1, 1991  
Salary: \$38,244.00  
Present Position: Associate Professor, Department of Surgery (Vascular)

#### Appointment of Chairpersons of Departments

August 1, 1991 through June 30, 1992

East Asian Languages and Literatures                      Feng-Sheng F. Hsueh\*

October 1, 1991 through June 30, 1993

Aeronautical and Astronautical Engineering                      Gerald M. Gregorek  
Welding Engineering    William A. Baeslack III

\*Acting Chair

October 3, 1991 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

Reappointment of Chairperson of Department

October 1, 1991 through June 30, 1992

Civil Engineering

Zoltan A. Nemeth\*

\*Acting Chair

Leaves of Absence Without Salary

HOWARD M. FEDERSPIEL, Professor, Department of Political Science (Newark Campus), effective Autumn Quarter 1991, Winter Quarter and Spring Quarter 1992, to accept a Visiting Professorship at McGill University, Montreal, Canada.

CLYDE W. MCCURDY, Professor, Department of Chemistry, effective Autumn Quarter 1991, Winter Quarter and Spring Quarter 1992, to accept a position at the Lawrence Livermore National Laboratory.

HAJIME MIYAZAKI, Professor, Department of Economics, effective Autumn Quarter 1991 and Spring Quarter 1992, for personal reasons.

JOAN F. FITZGERALD, Assistant Professor, Department of City and Regional Planning, effective Autumn Quarter 1991, Winter Quarter and Spring Quarter 1992, to conduct research at the University of Illinois.

KEVIN J. O'BRIEN, Assistant Professor, Department of Political Science, effective Autumn Quarter 1991, to conduct research under Fulbright-Hays funding on Chinese politics in Hong Kong and Tianjin.

DAVID S. REITMAN, Assistant Professor, Department of Economics, effective Autumn Quarter 1991, Winter Quarter and Spring Quarter 1992, for personal reasons.

STEPHEN J. TURNBULL, Assistant Professor, Department of Economics, effective Autumn Quarter 1991, Winter Quarter and Spring Quarter 1992, for personal reasons.

Leave of Absence Without Salary--Continuation

ALLESSANDRO SAVO, Assistant Professor, Department of Mathematics (Newark Campus), effective Autumn Quarter 1991, to continue in a research project at the University of Lodz, Poland.

Professional Improvement Leaves

CARTER V. FINDLEY, Professor, Department of History, effective Spring Quarter and Autumn Quarter 1992, and Winter Quarter 1993.

ARTHUR F. GREENBAUM, Professor, College of Law, effective Spring Semester 1992.

LEO A. PAQUETTE, Professor, Department of Chemistry, effective Spring Quarter 1992.

Emeritus Titles

PIERRE A.G. ASTIER, Department of French and Italian, with the title Professor Emeritus, effective July 1, 1991.

October 3, 1991 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Emeritus Titles (contd)

PAUL A. COLINVAUX, Department of Zoology, with the title Professor Emeritus, effective October 1, 1991.

LAWRENCE E. HEIDER, Department of Veterinary Preventive Medicine, with the title Professor Emeritus, effective October 1, 1991.

RONALD L. STUCKEY, Department of Plant Biology, with the title Professor Emeritus, effective September 1, 1991.

LLEWELLYA W. HILLIS, Department of Zoology, with the title Associate Professor Emeritus, effective October 1, 1991.

REED D. TAYLOR, Department of Agricultural Economics and Rural Sociology, with the title Associate Professor Emeritus, effective October 1, 1991.

KENNETH A. WENNER, Cooperative Extension Service, with the title Associate Professor Emeritus, effective September 1, 1991.

EDITH L. TROUTMAN, Department of Zoology (Mansfield Campus), with the title Assistant Professor Emeritus, effective August 1, 1991.

JOHN R. VELEY, Cooperative Extension Service, with the title Assistant Professor Emeritus, effective October 1, 1991.

Upon motion of Mr. Celeste, seconded by Amb. Wolf, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**RESOLUTIONS IN MEMORIAM**

Resolution No. 92-35

Synopsis: The Academic Affairs Committee recommended the approval of the following Resolutions in Memoriam.

RESOLVED, That the Board adopt the following Resolutions in Memoriam and that the President be requested to convey a copy to the families of the deceased.

William A. Hall

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on August 21, 1991, of William E. Hall, Professor Emeritus in the School of Journalism.

Dr. Hall was born on March 21, 1923, in Weston, West Virginia. After working several years as a sports and general assignment reporter and editor for the Albuquerque Tribune, Dr. Hall earned his Ph.D. from the University of Iowa. In 1954 he became chairman of the Department of Journalism and Director of Public Information at Texas Technological College. From 1956 to 1966 he developed a journalism program at the University of Nebraska-Lincoln as director of its School of Journalism.

October 3, 1991 meeting, Board of Trustees

### **RESOLUTIONS IN MEMORIAM (contd)**

William A. Hall (contd)

Dr. Hall joined The Ohio State University School of Journalism in 1966 at a crossroads in its development. His mission was to establish journalism education at this University as an academic discipline as well as a professional training for students. Dr. Hall recruited faculty who had established themselves as mass communication scholars as well as successful journalism professionals. He led a curriculum revision which strengthened the liberal arts background of journalism students at the undergraduate and graduate levels. Dr. Hall won the support of the state press which helped him to lobby for a remodeled Journalism Building so students would be practicing thoughtful journalism in state-of-the-art classrooms and laboratories. Many of the graduates from this era are national media leaders today.

After his retirement from the director's position in 1978, Dr. Hall taught Press Law and Mass Media in Society for several years at The Ohio State University and as a visiting Professor at the University of Hawaii.

In addition to his leadership contributions on several campuses in the country, Dr. Hall was president of the American Association of Schools and Departments of Journalism, an organization for leaders of the nation's accredited journalism programs. He was an elected member of the American Council on Education for Journalism and a member of the American Newspaper Publishers Association/Association for Education in Journalism joint committee to strengthen ties between American newspapers and schools of Journalism. He also served on the publications committee of AEJ.

On behalf of the University community, the Board of Trustees expresses its sympathy and understanding to the family of Dr. Hall. It was directed that this resolution be inscribed upon the minutes and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Milton A. Lessler

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on June 15, 1991, of Milton A. Lessler, Professor Emeritus in the Department of Physiology.

Dr. Lessler was born May 18, 1915. After earning his baccalaureate degree from Cornell University in 1937 and subsequently, a Master of Science degree from the same institution, he was a science teacher in the New York City public School system, and later a technician for the New York State Health Department. Continuance of his graduate education was interrupted by World War II, during which time he served in the 82nd Army Airborne Division, participating in the invasions of Sicily, Italy, Normandy, Belgium, and Holland. Following the war, he pursued graduate study at New York University as a National Institutes of Health Fellow and received a Ph.D. in Cell Physiology in 1950. In 1951, he joined the faculty of The Ohio State University, was promoted to Associate Professor in 1957, and to Professor of Physiology in 1963. He retired as Professor Emeritus in July of 1985.

Dr. Lessler was a fellow in the American Association for the Advancement of Science, New York Academy of Science, and Ohio Academy of Science. He was elected President of the Ohio Academy of Science in 1985, served as Editor-In-Chief of their publication, Ohio Journal of Science, from 1974 to 1981 and, recently, was one of the Ohio scientists honored at the Centennial meetings of the Academy. He also was a member of the American Association for Cancer Research, American Physiological Society, American and International Societies for Cell Biology, Red Cell Club, Society for Experimental Biology and Medicine, and Sigma Xi.

October 3, 1991 meeting, Board of Trustees

### **RESOLUTIONS IN MEMORIAM (contd)**

Milton A. Lessler (contd)

Dr. Lessler has authored over 100 scientific papers published in major journals and also has contributed chapters to a number of books. Early research in the area of cell physiology focused on the effects of radiation. In later years, he became involved in the study of the effects of lead poisoning on cellular function. As a consultant to the Yellow Springs Instrument Company, he developed and applied oxygen electrode techniques for determination of oxygen consumption in various cell and tissue preparations.

Milt Lessler had a genuine and active interest in encouraging young people toward pursuit of careers in science. In this capacity, he served as a Visiting Scientist to minority educational institutions under support of the American Physiological Society. He also pioneered the development of a Study Skills Program in the College of Medicine. Recently, he completed an update of the written history of the Department of Physiology.

On behalf of the university community, the Board of Trustees expresses its sympathy and understanding to the family of Milton A. Lessler. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Wilda M. Rosebrook

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on June 12, 1990, of Wilda M. Rosebrook, Professor Emeritus in the Department of Psychology.

Professor Rosebrook was born August 18, 1894, in Big Springs, Logan County, Ohio. After earning a Bachelor of Arts degree from Ohio Wesleyan University in 1917 she served as a Special Correspondent for War Risk Insurance with the U. S. Treasury Department. For six years, she was a high school teacher of English, German, and Latin in York Township, West Mansfield and Huntsville, Ohio schools. She obtained her graduate education in psychology at The Ohio State University, where she earned an M.A. degree in 1926 and a Ph.D. in 1931.

Professor Rosebrook was a psychology intern at Boston Psychopathic Hospital and held psychologist and administrative positions at the Michigan Home and Training School and the W.K. Kellogg Foundation. She joined The Ohio State University faculty in 1935 as Associate Professor in the Bureau of Special and Adult Education in the College of Education. She was promoted to Professor in 1957, appointed Professor in the Department of Psychology in 1960, and became Professor Emeritus in 1962.

As a member of The Ohio State University faculty, Professor Rosebrook was influential in establishing a program in special education on this campus. In the early years of her tenure, she was a consultant to Ohio schools on psycho-educational diagnosis and treatment, and in 1945 began teaching courses relative to special education in the Departments of Education and Psychology. Her appointment as Professor of Psychology in 1960 marked the establishment in that department of a graduate and an undergraduate program in Exceptional Children and School Psychology which was staffed by faculty in Psychology and Education.

Professor Rosebrook held elective and appointed offices in many state and national organizations and was a Diplomat of the American Board of Examiners in Professional Psychology. Her research was published in several journals in her field and she served three years as associate editor of the American Journal of Mental Deficiency.

October 3, 1991 meeting, Board of Trustees

**RESOLUTIONS IN MEMORIAM (contd)**

Wilda M. Rosebrook (contd)

On behalf of the University community, the Board of Trustees expresses to the family of Professor Rosebrook its deepest sympathy. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Upon motion of Ms. Casto, seconded by Mr. Shumate, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**EMPLOYMENT OF ARCHITECTS/ENGINEERS AND  
REQUEST FOR CONSTRUCTION BIDS**

Resolution No. 92-36

**SCOTT HALL REMODELING - PHASE IIC**

Synopsis: Authorization to employ architects/engineers and request construction bids for the Scott Hall Remodeling - Phase IIC project is proposed.

WHEREAS a grant has been received from the Ohio Board of Regents to install a cold room, smoke detection panel, smoke alarm system, and emergency power system in Scott Hall for the Byrd Polar Research Center; and

WHEREAS the total estimated project cost is \$413,991.00, and the total estimated construction cost is \$347,891.00, with funding provided by the Ohio Board of Regents (\$347,891.00) and University funds (\$66,100.00):

NOW THEREFORE

BE IT RESOLVED, That the President and/or Acting Vice President for Business and Administration be authorized to select qualified architectural/engineering firms as necessary for this project and that the fees for these services be negotiated between the firms selected and The Ohio State University; and

BE IT FURTHER RESOLVED, That the President and/or Acting Vice President for Business and Administration be authorized to request construction bids on this project in accordance with established University procedures, and if satisfactory bids are received, to award contracts, with all actions to be reported to this Board at the appropriate time.

Upon motion of Mr. Shumate, seconded by Mr. Kessler, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix XXVI for background material, page 451.)

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**REQUEST FOR CONSTRUCTION BIDS**

Resolution No. 92-37

GRAVES HALL ASBESTOS ABATEMENT  
AGRICULTURAL ADMINISTRATION BUILDING ASBESTOS ABATEMENT  
VETERINARY HOSPITAL ASBESTOS ABATEMENT  
GOSS LABORATORY ASBESTOS ABATEMENT

Synopsis: Authorization to request construction bids for the asbestos abatement projects in Graves Hall, the Agricultural Administration Building, Veterinary Hospital, and Goss Laboratory is proposed.

WHEREAS the University desires to proceed with asbestos abatement projects in various campus buildings; and

WHEREAS the total estimated project cost for Graves Hall is \$136,200.00, and the total estimated construction cost is \$127,700.00, with funding provided by the Ohio Board of Regents (\$122,580.00) and Physical Facilities (\$13,620.00); and

WHEREAS the total estimated project cost for the Agricultural Administration Building is \$222,500.00, and the total estimated construction cost is \$208,750.00, with funding provided by the Ohio Board of Regents (\$200,250.00) and Physical Facilities (\$22,250.00); and

WHEREAS the total estimated project cost for the Veterinary Hospital is \$499,500.00, and the total estimated construction cost is \$450,000.00, with funding provided by the Ohio Board of Regents (\$449,550.00) and Physical Facilities (\$49,950.00); and

WHEREAS the total estimated project cost for Goss Laboratory is \$321,900.00, and the total estimated construction cost is \$290,000.00, with funding provided by the Ohio Board of Regents (\$289,710.00) and Physical Facilities (\$32,190.00):

NOW THEREFORE

BE IT RESOLVED, That the President and/or Acting Vice President for Business and Administration be authorized to request construction bids on these projects in accordance with established University procedures, and if satisfactory bids are received, to award contracts, with all actions to be reported to this Board at the appropriate time.

Upon motion of Mr. Shumate, seconded by Amb. Wolf, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix XXVII for background material, page 453.)

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October 3, 1991 meeting, Board of Trustees

Mr. Nichols:

Mr. Chairman, I would reference three projects, very briefly, of perhaps some importance. We had a report earlier today on the Seagrant Program - South Bass and Gibraltar Islands. I think there were some excellent slides that were shown of the various facilities on Gibraltar and at Peach Point. One thing that was obviously not shown was the restroom conditions which, at best, I would call spartan. And the majority of this particular project is to improve those conditions for the researchers and the students that are there.

Next is a very important project. With the permission of the Chairman, at the next meeting I would like to double back and show you just a few slides on the Honors House renovation, which is the former President's residence on West 12th Avenue. There have been two previous projects that have been done on this involving asbestos and electrical upgrade. This particular one is for \$1,361,000, which is a complete renovation and a small addition to allow for handicapped accessibility, as well as some additional space for Honors House which will be situated on the patio. Most of us think of it as the rear of the house, but it was actually the front door of the house at one time and it faces toward the performance center.

And, finally, we have a situation that we don't have too often on the main campus. There will be a contract coming very shortly with regards to demolishing the Communications Lab. This particular project dealt with asbestos abatement. When that facility is demolished, it will be replaced by green space and a very nice studying area for students and faculty. That has had fairly significant support from the faculty. Normally, we put parking in or we build another building in its place, but this will add some green space to the Central Campus.

**REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS**

Resolution No. 92-38

AGRICULTURAL ADMINISTRATION BUILDING ROOF REPLACEMENT  
SEAGRANT SCHOOL PROJECT - SOUTH BASS AND GIBRALTAR ISLANDS, PHASE III  
WILLIAM OXLEY THOMPSON LIBRARY - UPGRADE HVAC SYSTEM  
NEWARK REGIONAL CAMPUS - FOUNDERS HALL ELECTRICAL  
UPGRADE AND PARKING LOT  
LIGHTING REPLACEMENT  
COFFEY ROAD AND VETERINARY CLINIC DRIVE REPAIRS  
CLASSROOM IMPROVEMENTS, PHASE VI  
LAB ANIMAL CENTER RENOVATIONS - HVAC  
ARPS HALL - MASONRY IMPROVEMENTS  
OXLEY HALL WINDOW REPLACEMENTS  
COMMUNICATIONS LAB DEMOLITION (ASBESTOS ABATEMENT)  
SULLIVANT HALL RENOVATION  
HONORS HOUSE RENOVATION  
SCOTT HALL - PHASE IIB  
VAN DE GRAAFF LABORATORY - ROOFTOP MECHANICAL SYSTEM REPLACEMENT

Synopsis: Approval of the Report of Award of Contracts and the Establishment of Contingency Funds for the listed projects is recommended.

October 3, 1991 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

AGRICULTURAL ADMINISTRATION BUILDING ROOF REPLACEMENT  
SEAGRANT SCHOOL PROJECT - SOUTH BASS AND GIBRALTAR ISLANDS, PHASE III  
WILLIAM OXLEY THOMPSON LIBRARY - UPGRADE HVAC SYSTEM  
NEWARK REGIONAL CAMPUS - FOUNDERS HALL ELECTRICAL  
UPGRADE AND PARKING LOT  
LIGHTING REPLACEMENT  
COFFEY ROAD AND VETERINARY CLINIC DRIVE REPAIRS  
CLASSROOM IMPROVEMENTS, PHASE VI  
LAB ANIMAL CENTER RENOVATIONS - HVAC  
ARPS HALL - MASONRY IMPROVEMENTS  
OXLEY HALL WINDOW REPLACEMENTS  
COMMUNICATIONS LAB DEMOLITION (ASBESTOS ABATEMENT)  
SULLIVANT HALL RENOVATION  
HONORS HOUSE RENOVATION  
SCOTT HALL - PHASE IIB  
VAN DE GRAAFF LABORATORY - ROOFTOP MECHANICAL SYSTEM REPLACEMENT  
(contd)

WHEREAS resolutions adopted by the Board of Trustees on November 7, 1986, May 4, 1989, October 5, 1990, and March 1, 1991 authorized the President and/or Vice President for Business and Administration to request construction bids in accordance with established University procedures, and if satisfactory bids were received to award contracts for the following projects: Agricultural Administration Roof Replacement, Main Library - Upgrade HVAC System, Newark Regional Campus - Founders Hall Electrical Upgrade and Parking Lot Lighting Upgrade, Coffey Road and Veterinary Clinic Drive Repairs, Lab Animal Center Renovations - HVAC, Arps Hall - Masonry Improvements, Oxley Hall Window Replacements, Communications Lab Demolition - Asbestos Abatement, Honors House Renovation, Scott Hall - Phase IIB, and Van De Graaff Laboratory - Rooftop Mechanical System Replacement; and

WHEREAS resolutions adopted by the Board of Trustees on July 11, 1986 and May 4, 1989 authorized the President and/or Vice President for Business and Administration to request construction bids in accordance with established State of Ohio procedures, and if satisfactory bids were received, to recommend the award of contracts for the following projects: Seagrant School Project, Phase III, Classroom Improvements, Phase VI, and Sullivant Hall Renovation:

NOW THEREFORE

BE IT RESOLVED, That pursuant to the actions previously authorized by the Board, the Report of Award of Contracts and Establishment of Contingency Funds for these projects is hereby approved.

Upon motion of Amb. Wolf, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix XXVIII for background material and maps, page 455.)

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October 3, 1991 meeting, Board of Trustees

Mr. Teaford:

I now call upon Dr. Hutchinson to give us a report on the authorization to negotiate agreements.

Dr. Hutchinson:

Thank you, Mr. Chairman. Perhaps this takes a moment of explanation because what we are proposing is somewhat unusual. Following World War II, Labor Education Programs were developed and placed, most frequently, in the state land-grant universities. Ohio has had a program for a long time, in fact Ohio has been known to be one of the leaders in the nation in that regard. As it was developed over the years, it was made into an academic department within the College of Business at The Ohio State University. That was somewhat unusual, but that is the way it was handled.

We now have an academic department unlike any other department in the University in that its source of funding is a separate line item in the state appropriations. Our other departments obviously do not have that. They get their share of whatever we receive as an institution. In this case, they had a separate line item in the budget.

For whatever reasons, this year the State, rather abruptly, decided to reduce such appropriations by \$900,000. The amount of money was a little over a million dollars, and so they essentially almost took out all of the funding for labor education.

We were left with no alternative. The University was in a very difficult budget situation this year, and so we made a difficult decision to eliminate this department. That recommendation will be coming to you in due time. It is currently working its way through the University Senate, which is where it first must go. But in the meantime, we had to close the regional offices because we did not have the money to pay people. We closed the regional offices September 1.

We have seven tenured faculty members in the LERS department, with one untenured faculty member who will be given a one-year notice. These seven faculty members -- are in an unusual situation. There will no longer be a department, the Rules of the University state that they are tenured, therefore we must honor their tenure, and we will do that. But they do not fit -- by their backgrounds and experience -- into our other programs very well. Therefore, we are proposing that we negotiate with them to find the best arrangement for them and for us. That will involve a financial adjustment to encourage them to consider the best alternative that we can agree with. It is difficult for us to be more specific than that until we go through the negotiations. Thus, we are asking for your approval to give us permission to do that.

Mr. Teaford:

As I understand the motion, it is largely in the area of early retirement incentives?

October 3, 1991 meeting, Board of Trustees

Dr. Hutchinson:

I should add that for some of them that will work; for others that are in their late forty's, that doesn't work. In that situation, we would be offering them a buy-out, a certain amount that they would be offered if they chose to leave the University. If they do not choose to leave, they are tenured and we will find an academic home for each one of them. That is our obligation and we will do that, but that will not be easy. They know that and we know that, so we are trying to negotiate with them. We have entered into preliminary discussions, three of them have already said that they would probably take the alternative of leaving if we in fact make that offer. There are at least two others thinking very seriously about it, probably waiting for word about whether or not you authorize us to go ahead with this negotiation.

Mr. Teaford:

Thank you, Dr. Hutchinson. Are there any questions of Dr. Hutchinson?

Mr. Kessler:

Is that an open-ended authorization?

Dr. Hutchinson:

Well, what we have been considering is a maximum of two years -- two years' salary.

Mr. Scott:

To answer this question more specifically, Jack, the LERS program is being eliminated and the University has, under the faculty rules, a continuing obligation to tenured faculty. As Fred has indicated, trying to find the right fit for those folks will be very difficult. The alternative for those who are eligible would be to take the early retirement buy-out, but there may very well be some need for adjustment. So before we proceed, we want the Board to understand precisely what we are attempting to do. It is a one-on-one negotiated settlement and that is the authority that is being sought.

Dr. Hutchinson:

Well the way that we have approached this, is to look at what would be in the best interest of the University, as well as the individual, financially. That depends a little bit on what their salary level is, etc. But we intend nothing that gets extreme here, in terms of what would be offered. It would be, as you look at where they are in their career, what age they are, presuming that they exercise their tenure, and stay from that point until they are sixty-five years old, and how much would therefore be our obligation over that period of time. For those people who do not match our needs very well, and therefore not be easy for us to find that, then what is in the best interest of the University in the long-run financially. That is the criteria that we are using.

Mr. Celeste:

Is there any precedent for this, has this happened before?

October 3, 1991 meeting, Board of Trustees

Dr. Hutchinson:

There is precedent -- we have had an early buy-out program that we are offering the faculty in general. It is a precedent in the sense that it gives people five years of benefits early, and that is a major precedent. It applies to everybody, so we already have something in place that does this.

Mr. Scott:

Also, Ted, before we had the early retirement buy-out that is permitted by state law, there was the option that you could retire early and take one quarter each year to return to the system. This program was approved some years ago by the Board.

Mr. Teaford:

I can recall, in my tenure, that we have done this in regard to administrators on occasion. It is not entirely without precedent.

Amb. Wolf:

In order to move this, we authorize the Provost to negotiate in good faith, but non-binding pending approval by this Board.

Dr. Hutchinson:

That would be very much what we expect.

Dr. Gee:

In fact, that is very consistent to what we are talking about. Let me just make one point in fairness here. As we take a look at continually reconfiguring the University, this is both an important first occasion in doing some of this type of activity. It will set a precedent, so we are obviously looking at it very carefully. I welcome the Ambassador's motion, because I believe that it is very consistent with our own thinking and would allow us then flexibility at the same time. Ultimately, it is your responsibility.

Dr. Hutchinson:

I might say that I did meet with the AAUP chapter on campus the other day for lunch, because they had expressed concern since some of these individuals had gone to them to express concern about this whole matter. They understood the uniqueness of this situation, the fact that this is a line item and we would not normally do this this way. We will be bringing to you later this year other recommendations to do away with academic departments, and we do that through a regular process. But in those cases, we don't have a separate line item that forces us to make an immediate decision about what we are going to do.

I was pleased at the AAUP leadership, when they understood what we were doing, it sounded reasonable to them. I cannot speak for them, I can only say that that is what they told me.

Mr. Barone:

What is the possibility of any of these positions being replaced?

October 3, 1991 meeting, Board of Trustees

Dr. Hutchinson:

Well if you are talking about whether the program at some future date might be enlarged again, whether the line item might be reinstated, I can only say that we cannot speak for the leadership in this State who has been very active over the years in supporting that line item. And for that reason I don't think that I have to say anymore, because I don't know the probability.

Right now we have to face the fact that they have taken it back. My feeling would be that we are moving now from an in-house faculty just for labor education, to a program in the future where we would be drawing on our regular faculty as they are needed to conduct various programs. I think that that is the level of sophistication that is coming into labor education programs across the country.

So I predict that if the money goes back up at some future date, it would not be to reinstate faculty positions, but to be used to support existing faculty for periods of time for things that need to be done.

Mr. Teaford:

I think that it is probably safe to say, isn't it, Dr. Hutchinson, in the form that it has been in, it is most unlikely that it will be restored.

I am going to entertain a motion with the addition of this phrase "subject to ratification by this Board."

#### **AUTHORIZATION TO NEGOTIATE AGREEMENTS**

Resolution No. 92-39

WHEREAS the line item budget from the State of Ohio for the Labor, Education and Research Service, College of Business, was reduced by \$900,000 per year for the 1991-93 biennium, as compared with the level of funding for FY '91; and

WHEREAS because of budget reductions, adequate funds are not available elsewhere within the institution; and

WHEREAS the reduction in line item funding for LERS and the University's general budget situation requires a phase down of LERS faculty and staff in order to achieve a significant reduction in expenditures as soon as possible; and

WHEREAS there are seven tenured faculty members in LERS, some of whom may be eligible for the Early Retirement Incentive Program, and others who may be willing to resign their positions with the University:

NOW THEREFORE

BE IT RESOLVED, That the President and/or the Senior Vice President for Academic Affairs and Provost be authorized to negotiate agreements with tenured LERS faculty members who voluntarily resign their University positions and subject to ratification by this Board.

Upon motion of Mr. Kessler, seconded by Mr. Shumate, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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October 3, 1991 meeting, Board of Trustees

**REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO**

Resolution No. 92-40

RESOLVED, That the report on the University's Investment Portfolio, dated September 20, 1991, as submitted to the Board of Trustees, be received and filed with the official records of the Board.

(See Appendix XXIX for complete context of The Ohio State University Endowment Summary, September 20, 1991, page 487.)

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Thereupon the Board adjourned to meet Friday, November 1, 1991, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio.

Attest:

Madison H. Scott  
Secretary

Hamilton J. Teaford  
Chairman

THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND TWO HUNDRED AND SEVENTY-SEVENTH MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, November 1, 1991

The Board of Trustees met at its regular monthly meeting on Friday, November 1, 1991, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

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Minutes of the last meeting were approved.

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November 1, 1991 meeting, Board of Trustees

The Chairman, Mr. Teaford, called the meeting of the Board of Trustees to order on November 1, 1991, at 11:30 a.m. He requested the Secretary to call the roll.

Present: Hamilton J. Teaford, Chairman, John J. Barone, Deborah E. Casto, John W. Kessler, Milton A. Wolf, Alex Shumate, Theodore S. Celeste, Michael F. Colley, David A. Tonnie, and Kristen Cusack.

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## PRESIDENT'S REPORT

President Gee:

Looking back at the month of October, I will borrow the theme of the 1991 Homecoming Celebration, "Imagination Unlimited," to describe the varied activities of this university.

The Focus on Teaching Steering Committee hosted a one-day seminar attended by the academic leadership of the university. Under the leadership of Professors Ed Ray and Vickie Blaine, the steering committee set a goal of applying our collective energy and imagination to the subject of improved teaching. It is agreed that we must do a better job of supporting and rewarding the outstanding instruction that is taking place across our campuses. Through speakers and discussion sessions, the participants began to identify ways that this can and will happen.

Imagination at work is nowhere more evident than in the health sciences. This month, Upham Hall at University Hospitals, was named "Psychiatric Hospital of the Year" by the state chapter of the Alliance for the Mentally Ill. The award was based on the quality of care given, the involvement of families in the care process, and the research undertaken in the area.

Ohio State hosted two pioneers in the field of in vitro fertilization. I might note that Ohio State's in vitro program was the fifth established in the nation, and the first in the Midwest. As a result of the program, 72 in vitro babies have been born at University Hospitals since 1982. Today, a major conference on health care issues of African-American women is being held on this campus. The founder and executive director of the National Black Women's Health Project, Bylye Avery, will be the featured speaker. We welcome her and all of the conferees to Ohio State.

On the eve of another election, it seems appropriate to point out that Ohio State's Mershon Center has received a \$1.25 million grant from the National Science Foundation to study political decision making by groups. The program involves professors and graduate students from both political science and psychology.

This month, it is hard to imagine even a day going by without some news story about ethics. From free lunches on Capitol Hill to the drama of the Thomas hearings, ethics clearly is Topic A around the country. On our own campuses, debate continues on the subjects of sexual harassment, the role of a student press, censorship and the arts, sexual orientation and human rights, and on and on. These discussions are vitally important to the intellectual life of the university and the development of our campuses as ethical communities.

## **PRESIDENT'S REPORT (contd)**

President Gee: (contd)

I had the opportunity this month to present a paper co-authored with my spouse, Elizabeth, on the role of institutions in promoting the common good. After looking at the sometimes sorry state of our society and its institutions, there is concern about where we are going. Educational institutions, particularly those of higher education, have a significant role in addressing these concerns. Education, I would like to remind all of us today, the first day of November, is a moral enterprise, and education for ethical behavior is an important part of our obligation.

Ohio State does offer courses on ethical conduct. "Ethics in Communication" is a journalism course for media practitioners. Dentistry 621: "Dental Ethics" is an advanced study and critical analysis of the ethical issues associated with the day-to-day practice of the profession. And there are others. However, sound ethical training extends well beyond such courses. We must encourage discourse and discussion. Further, it is from the liberal arts core in the curriculum that the capacity for moral reasoning and ethical behavior is derived. The liberal arts do and continue to provide knowledge of the past and common reference points from which a dialogue about diverse views might spring. We must nurture inquiry and the open exchange of views, as well as fostering civility and responsibility. We must inform and inspire our graduates to work for the common good. And I bring this to you today simply to note that I believe at this time still in the beginning of a school year, that this is our responsibility and we must always be mindful of that.

I would also note that while the evening news is often disconcerting, there is time among our students for joy and fun. Homecoming 1991 was a great success. The Committee took its theme to heart and initiated several new activities while improving some favorite traditions. One evening, the trees in Mirror Lake Hollow were filled with white lights and luminaria for a musical program. They brought farm animals to the Oval -- sort of a petting zoo -- on another day. From all accounts, the parade was bigger and better than ever. The noted heart specialist, Dr. William DeVries, added a great deal as the Grand Marshal.

Ten outstanding students were chosen to represent Ohio State as members of the Homecoming Court. Dianne Jones, Homecoming Queen, is an honors biology student who is headed for medical school. She is president of the class honor society, Sphinx. Homecoming King Michael Owens is majoring in elementary education. He has been president of his fraternity and is actively involved in tutoring young people in the community. I know they will represent us very well.

Of course, a favorite activity to me was the Gordon Gee Look-A-Like Contest. Actually, I entered and came in third place. Truthfully, it was more than look-a-like. The candidates were asked questions and were expected to walk and talk like me as well. Perhaps I should have the winner return a few of my telephone calls and keep appointments! I understand that our esteemed board Chair gave the candidates quite a grilling. The winner, David Strauss, when he was portraying me, asked the group what the President of the University of Michigan got on his LSAT test. The answer was "saliva." You know I would never say that! It was the president of the University of Iowa.

November 1, 1991 meeting, Board of Trustees

### **PRESIDENT'S REPORT (contd)**

President Gee: (contd)

Homecoming is, of course, a time to focus on alumni. I want to note that a group of very distinguished graduates received recognition from the Alumni Association at their annual awards dinner. The Alumni Medalist for 1991 was Dr. Arthur G. James, the namesake and driving force behind Ohio State's Cancer Hospital and Research Institute. My congratulations to Dr. James and to all of the award winners.

Finally, on a personal note, I want to thank those of you here, and our Board Chair in particular, for filling in so ably for me during my required absences over these past couple of weeks. Your constant support and good wishes mean a great deal to me, and certainly to my family, and to Elizabeth. Thank you, Mr. Chairman and I thank all of you. That is the end of my report.

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### **AUTUMN QUARTER ENROLLMENT**

Mr. Shkurti:

In your Board books you will find the Autumn Quarter 1991 Enrollment Report that is traditionally provided to the University by the Vice President of Finance. But the people who really put together the statistics are here today and I would like to acknowledge them -- Gene Schuster, University Registrar; Jim Mager, Director of Admissions; and Charles Corbato, Associate Provost, who interacts with the extended campuses and will also be available to assist me in answering questions if that is necessary.

The enrollment report is designed to answer four questions: 1) What is our current enrollment now that the fourteenth day of enrollment figures for the fall are in, 2) What is the composition of the student body and how has it changed, 3) What progress has been made in increasing minority enrollment, and 4) What are the implications of these enrollment changes for finances and the size of the University.

If you turn to the second page of the report entitled 1(a), I will summarize the total numbers on Autumn 1991 Enrollment on the campus. For the University as a whole, our enrollment measures up to 60,589, surpassing last year's record enrollment by 424 students. The Columbus campus enrollment is 54,313, the highest since 1980. Enrollment records were set at Lima, Mansfield, and Newark extended campuses. Marion, unfortunately, had a decline from last year, although last year they had a significant increase. Enrollment at the Agricultural Technical Institute in Wooster dropped to the 1988-1989 levels. The next page, 1(b), provides the detail of the numbers I just mentioned.

If we take a look now on page 2(a) at the Autumn 1991 Enrollment on the Columbus campus and take a look at the composition, we find first of all that the reduction we planned last year, of 600 new first quarter freshman, has been realized and we were very close to that target. At the same time, the retention of new first quarter freshman is high. It's down a little bit from last year, but it is still higher than it has been historically and it is at 81.4 percent. The number of continuing undergraduate students continues at the record level set last year. So more students are coming back, and the enrollment of new and continuing graduate students showed a significant increase, up by more than 600. Professional enrollments dropped, primarily due to a drop in continuing students. I should point out that this is a planned decrease because we are looking at smaller classes deliberately in medicine and dentistry and the numbers you see reflect that.

**AUTUMN QUARTER ENROLLMENT (contd)**

Mr. Shkurti: (contd)

If you turn to page 3(a) I will summarize some of the issues involving Autumn 1991 Columbus Campus Minority Enrollment. The Autumn 1991 Minority Enrollment of 5,392 on the Columbus Campus is the highest ever, up 290 or 5.7 percent from last year. Minorities now represent about 10 percent of the student population on the Columbus campus. The retention of black new first quarter freshman is 70.2 percent and that is the second highest level we have ever achieved. We are very encouraged by those results.

If you turn now to page 4(a), I will talk about the implications of these numbers. First, it is very clear that the University continues to attract students at all levels and that it is becoming the university of choice for our best students. Secondly, the enrollment composition continues the shift that began dramatically last year from freshman to upper classman and to graduates students. Thirdly, the enrollment of minorities and retention of minorities continues its gradual increase and that is encouraging. And fourth, the academic skills of our incoming students continues to improve. I will mention more about that in just a minute.

In terms of the implications for the University as a whole, since our enrollment is up slightly over what it was last year and what our plans were in the budget, we hope to see some small increase in the subsidy and fee income over what was assumed in the budget. I emphasize the word "hope" because the final numbers from the Board of Regents do not come in until December. And a lot will depend on what happens in enrollment on other campuses, in terms of what is going to be left for what will happen in our campus. I also have to emphasize "small" because it is a small increase over last year. I doubt if it will be significant enough to solve our budget problems, but even one percent of our state subsidy is \$3 million because it is about a \$300 million subsidy. I doubt if it will be anywhere near that number, but even a half of a percent is \$1.5 million. And if you remember because of the \$4 million cut in our subsidy late during the budget process we are carrying over a \$2 million loss that we have not yet addressed. Any additional income will be welcomed, and we will know that in December. That will be included in the mid-year financial report that you will receive.

The demographic trends are something I addressed briefly last fall and I would like to talk about it again -- the chart labeled 4(b). That tracks the projected number of twelfth grade students that end up being, hopefully, high school graduates, who in turn we recruit for freshman. If you notice, there was a perspicuous drop from 1989 to 1990 and from 1990 to 1991. The good news is it looks like the worst of that drop is over and yet we have been able to maintain stable enrollment. We still are looking at a decline in 1992, and we aren't looking for a steady increase probably until 1995 or so. But, I think it is fair to say that the worst part of this downward decline seems to be over and we are holding our own regarding enrollment.

November 1, 1991 meeting, Board of Trustees

### **AUTUMN QUARTER ENROLLMENT (contd)**

Mr. Shkurti: (contd)

Let me talk a little bit about the composition of the student body and if you turn to chart 4(c) that was prepared by Jim Mager in the Admissions Office. Let me mention some of the indicators of how well prepared our new first quarter freshman are on the Columbus campus. What Jim has done here is compare autumn of 1991 with autumn of 1990. If you notice, our national merit and national achievement scholars have increased dramatically from 27 to 109. Our high school valedictorians has increased from 130 to 138. The number of university scholars has increased from 272 to 338. The percentage of new first quarter freshman ranked in the top ten of their high school class has increased from just a little over 23 percent to well over 25 percent. The average ACT composite score increased from 22.1 to 23.0. And, finally, the average SAT composite score has increased from 965 to just about 987. So I think by every indicator, the level of preparation of new first quarter freshman coming into the university indicates that we are attracting some very capable students and it is a very encouraging sign. In terms of the final implications, in terms of the size of the institution, I think it is safe to say at the moment that our enrollments are relatively stable and growing slightly.

Obviously, we have some issues to talk about down the road as we get into an academic planning process. But I think overall the characterization I would make of our autumn 1991 enrollment picture is that it is very encouraging both in terms of overall numbers, but equally important in terms of the quality of the students we are attracting, our ability to attract and keep minority students, and our growth in graduate students. So, overall, I think that this is a very encouraging report and one in which the University should be very proud of.

Mr. Chairman, that concludes my presentation. I will be glad to try to answer any questions.

Mr. Teaford:

Thank you, Mr. Shkurti. Does anyone have any questions?

Ms. Casto:

Could you please remind me of exactly what our quota would be on black enrollment if we were to meet it?

Mr. Shkurti:

Mr. Chairman, Ms. Casto, I am not sure what you mean by our quota on black enrollment?

Ms. Casto:

There is a certain percentage that we would prefer to have. Are we close to that?

November 1, 1991 meeting, Board of Trustees

**AUTUMN QUARTER ENROLLMENT (contd)**

Mr. Shkurti:

You mean if it was close to the population as a whole? I know overall in the State of Ohio, our black population is something like 10 or 11 percent of the state's population. Perhaps I should turn to Dr. Mager. Jim, are you the right person to respond to that?

Dr. Mager:

No. I could respond though as far as incoming students. Because the demographics show that approximately 10 percent of the high school graduates are black, it is our goal to have the same composition in our incoming class. Eight percent of the incoming students this year were black. So we are still 2 percent from our goal.

Ms. Casto:

That is quite a change. I have to commend you, because I think when I first came on this Board it was closer to 5.5 to 6 percent. You have done a great job.

Mr. Teaford:

It was 5.3 percent.

Mr. Shkurti:

Mr. Chairman, terminology is also important in this day and age. A goal is something that we seek to achieve in admitting qualified students; a quota would imply a rather rigid test and the University does not use quotas in any of its admissions.

Mr. Dailey:

Mr. Shkurti, do you know the reason for the perspicuous drop in the number of twelfth grade students during the next two or three years?

Mr. Shkurti:

Yes. We knew this was coming because fewer of the students were born 17 and 18 years ago. It is a reflection of the baby boom cresting out. The increase that will occur in future years is what is called the "echo of the baby boom," and what is in between is what the drop has been. Projections in almost anything is next to impossible, as the Board knows, as we go through these revenue and subsidy projections. The one thing we do know in counting population is how many people are of a certain age at a given point of time. So we can usually have a pretty good idea of how many of them then will move through the system at a given point in time.

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November 1, 1991 meeting, Board of Trustees

## RESEARCH FOUNDATION REPORT

Ms. Casto:

Awards received by the Research Foundation during the month of September are listed at Tab 1. A project of special note is highlighted at the 2nd tab. This is a new biological resource center, one of two in the country, funded by the National Science Foundation. As a resource for one of the most important worldwide research models in plant biology, the center will be a multinational treasury of information in the field.

Tab 3 describes some of the research being conducted by the Byrd Polar Research Center. Their work represents an area of national priority. And even as we are meeting here, the Byrd Polar researchers are preparing for an icy trek to the Antarctic glaciers. The field season there runs from October to February.

Tab 4 gives summary information.

The first table lists proposal dollars requested of funding agencies by each college in fiscal years 1990 and 1991.

The second table lists award dollars received by each of the colleges in fiscal years 1990 and 1991.

The third table identifies fiscal year 1990 and 1991 expenditures by college.

The fourth table identifies categories of expenditure data. I am pleased to note that over \$10 million in sponsor funding went to student support.

The fifth table lists the award dollars by sponsor for grants and contracts received from July through September of this year. New projects, the timing of some awards, and substantial increases in international funding mostly account for the variation you see between this year and last year. And I know that Mr. Teaford is quite excited about this tab 4 and 5.

Mr. Teaford:

For some time I have wanted to see what colleges were getting the awards and we now have that in there. I think that is a useful piece of information.

### REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

Resolution No. 92-41

Synopsis: Approval of the following reports on contracts, grants, and gifts and the summary for September 1991 is proposed.

WHEREAS monies are solicited and received on behalf of the University from governmental, industrial, other agencies, alumni, and various individuals in support of research, instructional activities, and service; and

WHEREAS such gifts and grants are received through The Ohio State University Research Foundation, the Engineering Experiment Station of The Ohio State University, and The Ohio State University Development Fund:

November 1, 1991 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

NOW THEREFORE

BE IT RESOLVED, That the research agreement between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the reports from the Engineering Experiment Station, and The Ohio State University Development Fund during the month of September 1991 be approved.

Upon motion of Mr. Shumate, seconded by Mr. Celeste, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

(See Appendix XXX for The Ohio State University Development, page 535.)

(See Appendix XXXI for Report of Research Contracts, Grants, and Gifts, page 537.)

Background

SEPTEMBER 1991

Source	7/1/90-9/30/90	7/1/91-9/30/91	September 1991
The Ohio State University Research Foundation	\$34,940,813.20	\$44,512,157.83	\$14,022,963.63
Engineering Experiment Station	\$ 2,785,711.00	\$ 1,888,672.00	\$ 348,611.00
OSU Foundation and Development Fund	\$12,440,885.00	\$ 8,112,652.00	\$ 2,626,982.00
The Ohio State University Development Fund			
Establishment of Named Funds			
The Agricultural Engineering Equipment Endowment Fund (Purchase, update, and enhance equipment)			\$ 27,065.00
The David S. Nicholls Athletic Scholarship Fund (Scholarships - student athletes)			\$ 26,250.00
The Doris Messer London Fund (Support for faculty working with the Center for Socio-Legal Research)			\$ 18,401.50
The Phar-Mor Scholarship Fund in Pharmacy (Scholarships to fourth or fifth year pharmacy majors)			\$ 15,000.00
Dean G. Micheal Riley Fund (Department of History - goals and missions)			\$ 15,000.00

November 1, 1991 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

Background (contd)

SEPTEMBER 1991 (contd)

Change of Name and Description of Named Funds

From: The Joseph B. Collinson Scholarship Fund  
To: The Joseph B. and Jean Crayton Collinson Scholarship Fund

From: Richard J. and Martha D. Denman Fund  
To: Richard J. and Martha D. Denman Professorship Fund

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND**

Description of Named Funds

**The Agricultural Engineering Equipment Endowment Fund**

The Agricultural Engineering Equipment Endowment Fund was established November 1, 1991, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from alumni and friends of the Department. The gifts were made to start the endowment and to inspire and challenge others to expand it as a means for addressing priority equipment needs of the Department of Agricultural Engineering. These needs cannot be met from other resources.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to purchase, update, and enhance equipment for the Agricultural Engineering Department. Priority shall be given for equipment directly related to instruction.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donors.

**The David S. Nicolls Athletic Scholarship Fund**

The David S. Nicolls Athletic Scholarship Fund was established November 1, 1991, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from David S. Nicolls (B.S.Bus.Adm. '49, Director of Athletic Development 1984-1991) of Columbus, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Description of Named Funds (contd)

The David S. Nicolls Athletic Scholarship Fund (contd)

The annual income shall be used to supplement the grant-in-aid scholarship costs of student athletes who are pursuing undergraduate degrees at The Ohio State University. Recipients will be selected by the Director of Athletics in consultation with the University Committee on Student Financial Aid.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees as recommended by the Director of Athletics in order to carry out the desire of the donor.

The Doris Messer London Fund

The Doris Messer London Fund was established November 1, 1991, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from the estate of Doris Messer London (J.D. '38) of Columbus, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used by the College of Law to provide support for faculty working with the Center for Socio-Legal Research at The Ohio State University. After June 30, 2002, the annual income shall be used at the discretion of the dean of the College of Law.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

The Phar-Mor Scholarship Fund in Pharmacy

The Phar-Mor Scholarship Fund in Pharmacy was established November 1, 1991, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from Phar-Mor, Inc., to benefit students in the College of Pharmacy.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to award scholarships to fourth or fifth year pharmacy majors planning to practice in a retail setting upon graduation, as approved by the dean of the College of Pharmacy and Phar-Mor, Inc., and in consultation with the University Committee on Student Financial Aid.

November 1, 1991 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Description of Named Funds (contd)

The Phar-Mor Scholarship Fund in Pharmacy (contd)

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

Dean G. Micheal Riley Fund

The Dean G. Micheal Riley Fund was established November 1, 1991, by the Board of Trustees of The Ohio State University, with a gift to The Ohio State University Development Fund from a friend of the Department of History.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used by the chairperson of the Department of History at his or her discretion in the furtherance of the Department's goals and mission.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

Change in Name and Description of Named Funds

The Joseph B. and Jean Crayton Collinson Scholarship Fund

The Joseph B. Collinson Scholarship Fund was established June 11, 1981, by the Board of Trustees of The Ohio State University, with a gift to The Ohio State University Development Fund from Textron Corporation of Providence, Rhode Island. Revisions were made September 4, 1987, and November 1, 1991.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide one or more scholarships for accounting students completing their junior year who have indicated an intent to go on with graduate studies in accounting, achieved outstanding academic rank, and provided concrete evidence of leadership. The selection of the recipients is to be made upon the recommendation of the selection committee consisting of the chairperson of the Department of Accounting, a member of the Accounting Faculty teaching in the Honors Program, and the adviser of the Student Accounting Association in consultation with the University Committee on Student Financial Aid. The recipients are not required to take their graduate studies at The Ohio State University.

November 1, 1991 meeting, Board of Trustees

## **REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

### **THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

#### **Change in Name and Description of Named Funds (contd)**

##### **The Joseph B. and Jean Crayton Collinson Scholarship Fund (contd)**

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

##### **Richard J. And Martha D. Denman Professorship Fund**

The Richard J. and Martha D. Denman Fund was established March 1, 1985, by the Board of Trustees of The Ohio State University, with a gift to The Ohio State University Development Fund from Richard J. (B.S.Bus.Adm. '57) and Martha D. Denman of Dana Point, California. The description was revised November 1, 1991.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The purpose of this endowment is to lead to the establishment of a full professorship to be known as the Richard J. and Martha D. Denman Professorship for Clinical Research in Epilepsy in the College of Medicine for the Department of Neurology. For the next two fiscal years (1991-1992 and 1992-1993), 100% of the income allocation shall be used for clinical research in epilepsy in the Department of Neurology. Following fiscal year 1992-1993, all income shall be added to the principal until such time as the fund reaches the \$500,000 professorship level. Once the professorship is established, future funding will lead to the eventual establishment of a chair. The professorship will support the work of a distinguished researcher, teacher and practitioner in the study and clinically relevant research of epilepsy. This faculty member is to be selected by the Dean of the College of Medicine in consultation with Mr. and Mrs. Denman, as long as they are alive, and the Chairperson of the Department of Neurology.

This gift is intended to benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish is to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the Dean of the College of Medicine, Chairperson of the Department of Neurology, or program administrative officer in order to carry out the above specified purpose of the donors.

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## **HOSPITALS BOARD COMMITTEE REPORT**

Mr. Barone:

The Hospitals Board and its Administrative/Operations Committee met yesterday.

The Administrative/Operations Committee received status reports on patient activity; safety and security; Certificates of Need; and construction/renovation. Mr. Maier discussed the performance of the Hospitals' outreach network. The principal topic of discussion was a review of bids for the Neuropsychiatric Facility.

### **HOSPITALS BOARD COMMITTEE REPORT (contd)**

Mr. Barone: (contd)

The Hospitals Board briefly adjourned into executive session to review a physician's appeal of non-reappointment to the medical staff. In open session the Board affirmed the decision of the Medical Staff Administrative Committee on this issue. As recommended by the Administrative/Operations Committee, the Board also voted to authorize awarding base contracts for the Neuropsychiatric Facility under a plan that would maintain the total project budget at \$15 million. The Board also authorized Hospitals management to continue to work with central administration to pursue bond financing for this project. The Hospitals Board endorsed (with one modification) the recommendations of the Hospitals' Task force formed to ensure compliance with federal rules related to the recently-formed National Practitioner Data Bank. The Board received reports from the Chief of Staff and Medical Center Development department. Dr. Tzagournis and Mr. Fraley were asked to incorporate Board members' suggestions into specific measurable objectives, as a follow-up to the Board's retreat last August.

I wish to also add that I discussed with Dr. Tzagournis and Mr. Fraley the Health Care matter and University Hospitals is qualified and is able to give the best medical care at the best cost in this area. I think that University Hospitals and especially Mr. Fraley deserves a lot of credit for this.

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### **CANCER HOSPITAL REPORT**

Mr. Barone:

The newly formed Oversight Committee of The Arthur G. James Cancer Hospital and Research Institute met for the first time on July 1, 1991. Members of the Committee include: Mr. John Barone, Dr. Henry Cramblett, Mr. Bill Shkurti, Mr. Reed Fraley, Dr. David Schuller, Mr. John Kessler, as Chair of the Committee, and Mr. Dennis Smith, acting as Secretary. A number of issues are reviewed at each meeting which convene on a monthly basis. These issues include but are not necessarily limited to quality assurance, financial and statistical reports, operational reports, development activities, and medical staff appointments. Following is a report of those activities through the first quarter of fiscal year 1991-92.

At every meeting of the Oversight Committee, quality assurance issues are presented in detail by the Administrator of quality assurance activities and the Co-Chairman of the Quality Assurance Committee, Dr. Joseph Goodman. Prior to presentation to the Oversight Committee, this information is presented to and reviewed by the Combined Quality Assurance Committee of both University Hospital and The Arthur G. James Cancer Hospital and Research Institute. It should be noted that on more than one occasion commendations from Board Members were offered to the members of the quality assurance team for excellent reviews and reports on all issues regarding the quality of patient care at the James Cancer Hospital.

For the first quarter of fiscal year 1991-92, the James Cancer Hospital is surpassing projections through the control of expenses and enhancement of operations. Year to date, the actual loss for the James Cancer Hospital at the end of the first quarter was \$581,000 compared to a projected loss of \$1,109,000. In addition, actual admissions

**CANCER HOSPITAL REPORT (contd)**

Mr. Barone: (contd)

were 911 compared to a budget of 964, with patient days running at 8,014 against a budgeted projection of 8,190. Gross revenue figures indicated an actual of \$16,901,000, against a budget of \$18,883,000; however, operating expenses were held to \$15,493,000, against a budget of \$17,626,000.

A number of strategies have been employed in the operations of the Cancer Hospital including the formation of a Community Oncology Physicians Advisory Group, a selection of physicians who have expertise in oncology from the community. There have been two meetings, which were well attended, with evidence that the physicians have a high level of interest in collaborative efforts with the James Cancer Hospital and its medical staff.

The strategic planning efforts of the Comprehensive Cancer Center-James Cancer Hospital are moving into the final stages with completion of the plan which included both operations and finance, about one month away. It is anticipated that the complete strategic plan will be presented to The Ohio State University Board of Trustees for approval at its December meeting. The final phases involve three major items: 1) the final refinement of the financial planning model, 2) assessment of future resource requirements including capital requirements, and 3) implementation schedule. Assisting as well as facilitating the implementation of this strategic planning effort is the Douglass Group currently a subsidiary organization of Deloitte & Touche. The Douglass Group has worked with many of the Comprehensive Cancer Centers and DRG exempt cancer hospitals in this country.

The Joint Commission on Accreditation of Hospitals visited the James Cancer Hospital for its follow-up focus survey in August of this year. This review was subsequent to the initial survey by the Joint Commission which occurred approximately six months ago. After review by the Joint Commission organization, a continued three year approval has been awarded to the James Cancer Hospital.

A number of new cancer programs have been initiated and continue to evolve at the James Cancer Hospital but one in particular has received notoriety. Specifically, this was the August opening of the American Cancer Society Babe Zaharias Women's Cancer Center located on the first floor of the hospital. This program was funded through the American Cancer Society Babe Zaharias Golf and Tennis Tournament. The capital by the American Cancer Society allowed for renovation costs and capital equipment acquisition for this important program. Concurrently, the National Cancer Institute recently made the drug Taxol available to women with metastatic ovarian cancer who are treated at national cancer institute approved centers, which we are, and the James Cancer Hospital is the first approved institution in the country to provide Taxol for this particular cancer. A number of protocols are available at the James Cancer Hospital and to date approximately 12 patients have been admitted to receive this important drug therapy.

For fiscal year 1991-92, year-to-date, a number of important gifts have been received by The Ohio State University for its efforts in cancer research and treatment. These gifts include, but are not necessarily limited to, a gift from the Borden Company to support efforts in bone marrow transplant, a multi-million dollar contribution by the Jerome Schottenstein family to support the expansion of the available research space of the Comprehensive Cancer Center, and an additional gift for research activities by

November 1, 1991 meeting, Board of Trustees

### **CANCER HOSPITAL REPORT (contd)**

Mr. Barone: (contd)

the Franz Stone family. In addition, approximately \$700,000 in grants have been received by the Cancer Hospital and Research Institute/Comprehensive Cancer Center.

That is the end of my report, Mr. Chairman, unless Jack, our Chairman, which I wish to commend is doing a tremendous job with the function of this committee, has anything to add.

Mr. Kessler:

Has everyone met Dennis Smith who is our Executive Director of the Cancer Hospital? Dennis would you stand up. Both Hospitals Boards are active and doing a good job. The Cancer Hospital is performing quite well, the quality assurance is terrific, and John is one of our best members.

Mr. Teaford:

For everyone's information, at the next meeting of this Board we will have an annual report from the Chairman of the Hospitals Board and the Chairman of the Cancer Oversight Board. Those will both be at our December meeting.

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### **ACADEMIC AFFAIRS COMMITTEE**

Ms. Casto:

Dr. Kenneth Jezek, Director of the Byrd Polar Research Center gave an extensive report this morning. The Center is named in honor of one of America's most famous explorers. The Byrd Polar Research Center of The Ohio State University is recognized internationally as a leader in polar and alpine research. The Center's research is global in scope with programs conducted throughout the world.

Research at the Center focuses on the role of cold regions in the global climate system. Scientists at the Center are reconstructing past climate by studying chemical records preserved in ice cores collected from glaciers in Greenland, China, and Peru. Fossils provide important evidence for much older changes in climate and plant fossils collected in the Transantarctic Mountains indicate that parts of the southern continent were once forested. Modern processes such as the motion of the great ice sheets and the circulation of storm systems around Antarctica are being studied with sophisticated computer models and with satellite-borne sensors capable of imaging the surface through cloud cover and during the long polar night.

The Center encourages the involvement of undergraduate and graduate students in its research programs and also sponsors a weekly noon-time seminar which is open to the public. I think this is a great interest to us.

The Committee is recommending the following resolutions:

November 1, 1991 meeting, Board of Trustees

**CHANGE FROM ACADEMIC FACULTIES TO DEPARTMENTS --  
COLLEGE OF BUSINESS**

Resolution No. 92-42

Synopsis: The Academic Affairs Committee recommended the approval of changing the academic faculties in the College of Business to departments.

WHEREAS the College of Business has used "Academic Faculties" to describe most of the academic units of the College since the University reorganization of 1968; and

WHEREAS the academic faculties of the College of Business are departments in the traditional sense; and

WHEREAS a change in nomenclature would be less confusing to the University at large and to external groups regarding the organization of the College; and

WHEREAS the Faculty of the College of Business desires and has approved a proposed change from academic faculties to departments; and

WHEREAS the University Senate on September 28, 1991, approved the renaming of the academic faculties of the College of Business to Department of Accounting and Management Information Systems; Department of Finance; Department of Labor Education and Research Service; Department of Management and Human Resources; Department of Management Sciences; and Department of Marketing, and respectfully requests concurrence by the Board of Trustees:

NOW THEREFORE

BE IT RESOLVED, That the above renaming of Academic Faculties in the College of Business to Departments is hereby approved effective immediately.

Upon motion of Ms. Casto, seconded by Mr. Kessler, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**NAMING OF CENTER**

Resolution No. 92-43

Synopsis: The Academic Affairs Committee recommended the approval of naming the fifth floor of the University Hospitals Clinic "The William H. Havener Eye Center."

WHEREAS upon the recommendation of the President, with the concurrence of the President's executive committee, it has been proposed that the fifth floor of the University Hospitals Clinic at 456 West 10th Avenue be named "The William H. Havener Eye Center" to reflect that the entire floor is devoted to the Department of Ophthalmology; and

WHEREAS Dr. Havener was the first full-time faculty member in the Department of Ophthalmology at The Ohio State University and served as chairperson of the Department for 27 years; and

November 1, 1991 meeting, Board of Trustees

**NAMING OF CENTER (contd)**

WHEREAS Dr. Havener was a respected educator, author, and lecturer, devising interactive medical student teaching programs, writing and editing the standard Ophthalmology textbook, and utilizing unconventional, innovative methods to engage the interest of his students; and

WHEREAS he was a skillful surgeon and caring physician, developing a technique for repairing retinal detachments that is still the most widely used and safest method today; and

WHEREAS under his remarkable leadership, the residents of The Ohio State University Department of Ophthalmology were ranked number one in the country by the American Academy of Ophthalmology in 1991:

NOW THEREFORE

BE IT RESOLVED, That in accordance with paragraph (F) of rule 3335-1-08 of the Administrative Code, the aforementioned floor of the University Hospitals Clinic shall hereby be named "The William H. Havener Eye Center."

Upon motion of Ms. Casto, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

Mr. Teaford:

I might add that I cannot think of anything more fitting than that. Dr. Havener was clearly one of the giants in ophthalmology and it is quite fitting that we name that after him.

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**RENAMING OF BUILDING**

Resolution No. 92-44

Synopsis: The Academic Affairs Committee recommended the approval of renaming Bradford Commons at 153 West Twelfth Avenue.

WHEREAS this Board has authority in naming of all buildings and structures at The Ohio State University, as set forth in paragraph (F) of rule 3335-1-08 of the Administrative Code; and

WHEREAS Bradford Commons was so named May 17, 1963, in memory of Joseph N. Bradford, who joined the faculty in 1885 and in 1911 became the University's first Architect; and

WHEREAS Bradford Commons has changed in nature and no longer houses the dining commons:

NOW THEREFORE

BE IT RESOLVED, That hereafter Bradford Commons at 153 West Twelfth Avenue shall bear the name "Bradford Hall."

Upon motion of Ms. Casto, seconded by Mr. Kessler, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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November 1, 1991 meeting, Board of Trustees

**ESTABLISHMENT OF VETERANS AFFAIRS OFFICE**

Resolution No. 92-45

Synopsis: The Academic Affairs Committee recommended the approval to establish a Veterans Affairs Office.

WHEREAS the University Veterans Task Force Committee appointed by the President has recommended the establishment of a Veterans Affairs Office; and

WHEREAS the President, the President's Executive Committee, and others have reviewed the recommendations contained in the report submitted by the Veterans Task Force Committee; and

WHEREAS it is the consensus judgment that an Office of Veterans Affairs be established to facilitate further the development and implementation of programs for veterans, with an emphasis on the concerns of Vietnam-era veterans:

NOW THEREFORE

BE IT RESOLVED, That the Office of Veterans Affairs be hereby established, as a reporting unit in the Office of the Vice President for Human Resources and Relations.

Upon motion of Ms. Casto, seconded by Mr. Shumate, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

Mr. Teaford:

I might note that this is in response to the recommendation of the committee that Dr. Gee appointed.

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**AMENDMENTS TO THE DENTAL FACULTY PRACTICE PLAN**

Resolution No. 92-46

Synopsis: The Academic Affairs Committee recommended the approval of amendments to the Dental Faculty Practice Plan.

WHEREAS a corporation named Dental Faculty Practice Association, Inc. - William R. Wallace, D.D.S., Dean, has been incorporated and states as its purpose:

The purposes for which the corporation is formed are to render any type of professional service in the practice of dentistry authorized under Chapter 4715 of the Ohio Revised Code as a charitable, educational and scientific activity for the benefit of The Ohio State University ("University") and patients of the Intramural Practice Clinic of the University; including:

- a. Providing dental services at the Intramural Practice Clinic to persons who may come to the Intramural Practice Clinic for diagnosis, treatment, and care;

November 1, 1991 meeting, Board of Trustees

**AMENDMENTS TO THE DENTAL FACULTY PRACTICE PLAN (contd)**

b. Engaging in dental research and providing benefits and support to the University's College of Dentistry and clinical and classroom instruction to students enrolled in it; and

c. Engaging in those lawful activities for which corporations may be formed under Chapter 1785 of the Ohio Revised Code that are not inconsistent with the foregoing; and

WHEREAS it is in the best interests of the University for the corporation to be organized and functioning and to have representatives of the University participate in connection with the operations of the corporation; and

WHEREAS the resignation of William R. Wallace, D.D.S. as Dean of The Ohio State University College of Dentistry and the appointment of Henry W. Fields, Jr., D.D.S. as his successor, each effective as of September 1, 1991, have necessitated that the name of the corporation be changed in order to remain in compliance with the Ohio statute which requires the name of a dentist to be included in the name of the professional association rendering dental services:

NOW THEREFORE

BE IT RESOLVED, That the formation of the Corporation and the participation of the University in its incorporation and organization are hereby ratified, adopted, confirmed and approved; and

BE IT FURTHER RESOLVED, That the Dean of the College of Dentistry is authorized, designated and directed to serve as the trustee of the trust which holds the sole issued and outstanding share of the corporation for the benefit of the University and to serve in that capacity as official representative of the University, such service to be part of his official responsibility to the University, entitling him to any insurance or indemnity protection to which officers or employees of the University now are or hereafter may become entitled; and

BE IT FURTHER RESOLVED, That each person elected as a director or an officer of the corporation or appointed to the position of Trustee under the Dental Faculty Practice Association, Inc. Trust Agreement who is also an employee, faculty member or other official of the University is authorized, designated and directed to serve in his or her capacity as a director or an officer of the corporation or as Trustee under the Trust Agreement as an official representative of the University and as part of their official responsibility to the University, such service entitling them to any insurance or indemnity protection to which officers or employees of the University now are or hereafter may become entitled; and

BE IT FURTHER RESOLVED, That the actions of the officers and directors of the corporation in incorporating, organizing, and operating the corporation in the interests of the University are hereby ratified, adopted, confirmed, and approved.

Upon motion of Ms. Casto, seconded by Mr. Kessler, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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November 1, 1991 meeting, Board of Trustees

**DEGREES AND CERTIFICATES - AUTUMN QUARTER COMMENCEMENT**

Resolution No. 92-47

Synopsis: The Academic Affairs Committee recommended the approval of Degrees and Certificates for Autumn Quarter.

WHEREAS pursuant to paragraph (E) of rule 3335-1-06 of the Administrative Code, the Board has authority for the issuance of degrees and certificates; and

WHEREAS the faculties of the colleges and schools shall transmit, in accordance with rule 3335-9-29 of the Administrative Code, for approval by the Board of Trustees the names of persons who have completed degree and certificate requirements; and

WHEREAS the College of Education has recommended that Gary Hatfield be awarded a Bachelor of Science in Education degree posthumously:

NOW THEREFORE

BE IT RESOLVED, That the degrees and certificates be conferred on December 13, 1991, to those persons who have completed the requirements for their respective degrees and certificates and are recommended by the colleges and schools, and that Gary Hatfield be awarded the above named degree, posthumously, and that the names of those persons awarded degrees and certificates be included in the minutes of this meeting.

Upon motion of Ms. Casto, seconded by Mr. Shumate, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**PERSONNEL ACTIONS**

Resolution No. 92-48

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the October 3, 1991 meeting of the Board, including the following Appointments, Appointment of Chairpersons and Directors, Leaves of Absence Without Salary, Leaves of Absence Without Salary--Continuation, Professional Improvement Leave, Professional Improvement Leaves--Cancellation, Professional Improvement Leaves--Change in Dates, Emeritus Titles, and Medical Staff Appointments and Reappointments (The Arthur G. James Cancer Hospital and Research Institute) as detailed in the University Budget be approved, and the Medical Staff Appointments and Reappointments (The Ohio State University Hospitals) approved September 26, 1991, by the Hospitals Board be ratified.

Appointments

Name:	JAMES C. GARLAND
Title:	Acting Dean/Professor
College/Department:	Mathematical and Physical Sciences/Physics
Effective:	October 16, 1991
Salary:	\$122,460.00
Present Position:	Professor, Department of Physics

November 1, 1991 meeting, Board of Trustees

### PERSONNEL ACTIONS (contd)

Appointment of Chairpersons and Directors

October 1, 1991 through June 30, 1992

Cooperative Extension Service	Keith L. Smith*
Department of German	Harry Vredevelde*
Department of Veterinary Preventive Medicine	Kent H. Hoblet*

October 1, 1991 through September 30, 1992

Department of Geological Sciences	James W. Collinson*
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October 1, 1991 through September 30, 1995

Foreign Language Center	Diane W. Birckbichler
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\*Acting

Leaves of Absence Without Salary

RIAD A. AJAMI, Professor, Department of Management and Human Resources, effective Autumn Quarter 1991 and Winter Quarter 1992, for personal reasons.

PATRICIA E. BYRNES, Assistant Professor, School of Public Policy and Management, effective Autumn Quarter 1991, Winter Quarter and Spring Quarter 1992, for personal reasons.

DAVID LANDSBERGEN, Assistant Professor, School of Public Policy and Management, effective Autumn Quarter 1991, Winter Quarter and Spring Quarter 1992, for personal reasons.

ERIC NYGREN, Assistant Professor, Department of Materials Science and Engineering, effective Autumn Quarter 1991, Winter Quarter and Spring Quarter 1992, to accept an invitation to visit the Australian National University in Canberra, Australia.

AHMAD SIKAINGA, Assistant Professor, Departments of History and Black Studies, effective Autumn Quarter 1991, Winter Quarter and Spring Quarter 1992, to accept a Mellon Fellowship at Harvard University.

Leaves of Absence Without Salary--Continuation

LEONARD O. NASMAN, Assistant Professor, Department of Engineering Graphics, effective Autumn Quarter 1991, Winter Quarter and Spring Quarter 1992, to further develop his computer aided drawing software and to promote his new textbook on Datacad.

CRICHTON L. OGLE, Assistant Professor, Department of Mathematics, effective Autumn Quarter 1991, to continue his joint research at Penn State University.

CHARLES J. QUINN, Assistant Professor, Department of East Asian Languages and Literatures, effective Autumn Quarter 1991, to continue his work on the pragmatics and grammar of Japanese.

JAMES C. TURNER, Assistant Professor, Department of Mathematics, effective Autumn Quarter 1991, to continue interaction with Hampton University.

November 1, 1991 meeting, Board of Trustees

### **PERSONNEL ACTIONS (contd)**

#### Leaves of Absence Without Salary--Continuation (contd)

ALAN W. REID, Instructor, Department of Mathematics, effective Autumn Quarter 1991, Winter Quarter and Spring Quarter 1992, to accept a one-year postdoctoral position at MSRI.

#### Professional Improvement Leave

VALAYAMGHAT RAGHAVAN, Professor, Department of Plant Biology, effective Winter Quarter 1993.

#### Professional Improvement Leaves--Cancellation

RIAD A. AJAMI, Professor, Department of Management and Human Resources, effective Autumn Quarter 1991 and Winter Quarter 1992.

DIANE W. BIRCKBICHLER, Associate Professor, Department of French and Italian, effective Autumn Quarter 1991 and Winter Quarter 1992.

#### Professional Improvement Leaves--Change in Dates

MICHAEL D. DAVIS, Professor, School of Music, change leave from Winter Quarter and Spring Quarter 1992, to Winter Quarter and Spring Quarter 1993.

LEO A. PAQUETTE, Professor, Department of Chemistry, change leave from Spring Quarter 1992, to Winter Quarter 1992.

ROSEMARY D. PLATT, Professor, School of Music, change leave from Autumn Quarter 1991, Winter Quarter and Spring Quarter 1992, to Autumn Quarter 1992, Winter Quarter and Spring Quarter 1993.

BERNARD I. BAYER, Associate Professor, University Libraries, change leave from September 1, 1991 through August 31, 1992, to October 1, 1991 through March 31, 1992.

#### Emeritus Titles

RODGER D. MITCHELL, Department of Zoology, with the title Professor Emeritus, effective October 1, 1991.

BERT K. WAITS, Department of Mathematics, with the title Professor Emeritus, effective September 1, 1991.

EMERSON R. SHIMP, Cooperative Extension Service, with the title Associate Professor Emeritus, effective November 1, 1991.

HOWARD B. WILLIAMS, Department of Veterinary Physiology and Pharmacology, with the title Assistant Professor Emeritus, effective November 1, 1991.

#### Medical Staff Appointments (The Arthur G. James Cancer Hospital and Research Institute)

PAULSON, GEORGE W., M.D., Associate Attending Staff, Neurology  
SMITH, NINA K., M.D., Associate Attending Staff, OB/GYN  
CARROLL, BRENDAN T., M.D., Associate Attending Staff, Psychiatry  
ARMSTRONG, MILTON B., M.D., Associate Attending Staff, Surgery

November 1, 1991 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

Medical Staff Appointments (The Arthur G. James Cancer Hospital and Research Institute)  
(contd)

BESNER, GAIL ELLEN, M.D., Associate Attending Staff, Surgery  
CHOBAN, PATRICIA SMITH, M.D., Associate Attending Staff, Surgery  
ROSS, PATRICK, JR, M.D., Ph.D., Associate Attending Staff, Surgery

Medical Staff Reappointments (The Arthur G. James Cancer Hospital and Research Institute)

July 1, 1991 through June 30, 1993

JANICE F. BLAZINA, M.D., Associate, Pathology  
JAMES H. CALDWELL, M.D., Associate, Int. Medicine  
PATRICIA B. CALDWELL, M.D., Associate, Int. Medicine  
MATTHEW E. DANGEL, M.D., Associate, Ophthalmology  
MILES DRAKE, M.D., Associate, Neurology  
WESLEY J. HARNISH, M.D., Clinical, Ophthalmology  
J. PHILIP KUEBLER, M.D., Clinical, Int. Medicine  
STEVEN NELSON, M.D., Associate, Int. Medicine  
RICK E. RICER, M.D., Associate, Family Medicine  
DWIGHT A. SCARBOROUGH, M.D., Clinical, Int. Medicine  
STEVEN TEICH, M.D., Associate, Surgery

Medical Staff Appointments (The Ohio State University Hospitals)

ARMSTRONG, MILTON B., Attending Staff, Department of Surgery--Division of Plastic Surgery  
BADER, ERIC J.W., Limited Staff, Department of Anesthesiology  
BESNER, GAIL E., Attending Staff, Department of Surgery--Division of Pediatric Surgery  
BLAKELEY, DEAN D., Attending Staff, Department of Internal Medicine--Division of General  
Medicine  
CHAWLA, HARMEET S., Attending Staff, Department of Ophthalmology  
CHOBAN, PATRICIA S., Attending Staff, Department of Surgery--Division of General Surgery  
DERICK, ROBERT J., Attending Staff, Department of Ophthalmology  
DEMARIA, JESS J., Courtesy Staff, Department of Internal Medicine--Division of Dermatology  
HICKS, LEE G., Limited Staff, Department of Internal Medicine--Division of Hematology and  
Oncology  
JESSEN, HUASCAR E., Courtesy Staff, Department of Internal Medicine--Division of Cardiology  
KELLER, MARTIN D., Attending Staff, Department of Internal Medicine--Division of General  
Medicine (Joint Appointment with Preventive Medicine)  
MURDEN, ROBERT A., Attending Staff, Department of Internal Medicine--Division of General  
Medicine  
MYERS, DOUGLAS P., Attending Staff, Department of Internal Medicine--Division of General  
Medicine  
PARKER, JOHN J., Limited Staff, Department of Emergency Medicine  
POTTER, CAROL J., Attending Staff, Department of Pediatrics  
RAMUNDO, MARY BETH, Attending Staff, Department of Internal Medicine--Division of  
Infectious Diseases  
SULLIVAN, JOHN J., Limited Staff, Department of Obstetrics and Gynecology  
WALLEN, ELIZABETH A., Courtesy Staff, Department of Pediatrics  
WISSEL, MARY E., Courtesy Staff, Department of Pathology  
WORKMAN, MARK A., Limited Staff, Department of Anesthesiology

**PERSONNEL ACTIONS (contd)**

Medical Staff Reappointments (The Ohio State University Hospitals)

ADRION, WILLIAM R., Courtesy Staff, Department of Family Medicine  
AZIZ, HAROON A., Courtesy Staff, Department of Surgery--Division of Plastic Surgery  
BALCH, DANIEL R., Limited Staff, Department of Anesthesiology  
BANSAL, GIRRAJ K., Courtesy Staff, Department of Internal Medicine--Division of General Medicine  
BARNES, JAMES E., Attending Staff, Department of Surgery--Division of Neurosurgery  
BAYNE, BONNIE J., Limited Staff, Department of Family Medicine  
BESSION, MICHAEL J., Courtesy Staff, Department of Ophthalmology  
BROOKS, GREGORY I., Courtesy Staff, Department of Pediatrics  
CALDWELL, JAMES H., Attending Staff, Department of Internal Medicine--Division of Gastroenterology  
CARROLL, C. PATRICK, Courtesy Staff, Department of Ophthalmology  
COULTER, JAMES M., Courtesy Staff, Department of Family Medicine  
CROMER, BARBARA A., Attending Staff, Department of Pediatrics  
CUNNINGHAM, ISABEL, Attending Staff, Department of Internal Medicine--Division of Bone Marrow Transplantation  
CURREN, CAMILLA, Limited Staff, Department of Internal Medicine--Division of General Medicine (Joint Appointment with Pediatrics)  
DELAVERIS, STEVEN L., Courtesy Staff, Department of Internal Medicine--Division of General Medicine  
DEL ROSARIO, ANTONIO J., Courtesy Staff, Department of Pediatrics  
DENLINGER, DAVID E., Courtesy Staff, Department of Ophthalmology  
DERNBACH, FRANCES D., Limited Staff, Department of Internal Medicine--Division of General Medicine (Joint Appointment with Pediatrics)  
DICARLO, SALVATORE, Courtesy Staff, Department of Pediatrics Donovan, Lorna F., Courtesy Staff, Department of Pediatrics  
DUBIN, ALEX R., Courtesy Staff, Department of Pediatrics  
EATON, GREGORY M., Limited Staff, Department of Internal Medicine--Division of Cardiology  
EDGIN, RICHARD A., Courtesy Staff, Department of Internal Medicine--Division of General Medicine  
EVANS, WILLIAM E., Courtesy Staff, Department of Surgery--Division of Vascular Surgery  
FERNALD, WILLARD B., Courtesy Staff, Department of Pediatrics  
FOLK, ROBERT L., Attending Staff, Department of Internal Medicine--Division of General Medicine/Endocrinology and Metabolism (Joint Appointment with Preventive Medicine)  
GADEK, JAMES E., Attending Staff, Department of Internal Medicine--Division of Pulmonary Diseases  
GEBHART, DON E., Courtesy Staff, Department of Otolaryngology  
HARNISH, WESLEY J., Attending Staff, Department of Ophthalmology  
HAWTHORNE, TERRESA L., Courtesy Staff, Department of Preventive Medicine  
HESTAND, HAROLD E., Courtesy Staff, Department of Pediatrics  
HICKEY, CHARLES J., Attending Staff, Department of Ophthalmology  
HORTON, JOHN E., Courtesy Staff, Department of Dentistry  
INNES, JEFFREY T., Courtesy Staff, Department of Surgery--Division of General Surgery  
IRENE, RICHARD T., Courtesy Staff, Department of Otolaryngology  
KERN, RICHARD A., Attending Staff, Department of Pediatrics  
KING, DENIS R., Attending Staff, Department of Surgery--Division of Pediatric Surgery  
KING, JOHN P., Courtesy Staff, Department of Pediatrics  
KLAMAR, JOHN A., Courtesy Staff, Department of Pediatrics  
KOSNIK, EDWARD J., Courtesy Staff, Department of Surgery--Division of Neurosurgery  
LAUER, ROBERT E., Attending Staff, Department of Dentistry--Division of Oral and Maxillofacial Surgery

November 1, 1991 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

Medical Staff Reappointments (The Ohio State University Hospitals) (contd)

LAXSON, LEAH C., Attending Staff, Department of Ophthalmology  
LONG, JOSEPH M., Limited Staff, Department of Anesthesiology  
LUBOW, MARTIN, Attending Staff, Department of Ophthalmology

Upon motion of Ms. Casto, seconded by Mr. Kessler, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**RESOLUTIONS IN MEMORIAM**

Resolution No. 92-49

Synopsis: The Academic Affairs Committee recommended the approval of the following Resolutions in Memoriam.

RESOLVED, That the Board adopt the following Resolutions in Memoriam and that the President be requested to convey a copy to the families of the deceased.

Harold E. Burtt

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on August 15, 1991, of Harold E. Burtt, Professor Emeritus in the Department of Psychology.

Professor Burtt was born April 26, 1890, in Haverhill, Massachusetts. He completed his A.B. at Dartmouth in 1911, and then attended Harvard University, receiving his A.M. in 1913 and his Ph.D. in 1915. He taught as an instructor at Simmons College and Harvard between 1915 and 1917, then served in the U.S. Army Air Service in 1918, and consulted with the Canadian Consolidated Rubber Co. in 1919. Arriving at Ohio State in 1919, he served the Psychology Department as Instructor from 1919-1921, Assistant Professor from 1921-1923, and as Professor from 1923-1960. He was Chair of the Psychology Department from 1938-1960, when he retired, and received the University Distinguished Service Award in August 1963. He was a Founding Member of the American Association of Applied Psychology and President of its Industrial Division in 1938, a Fellow of the American Psychological Association, and a Member of the American Association for the Advancement of Science.

Professor Burtt's research interest ranged widely over basic and applied psychology. His publications included his dissertation, completed under the direction of Professors Herbert S. Langfeld and Hugo Munsterberg, examining factors influencing the arousal of the primary visual memory image, and numerous subsequent articles investigating advertising psychology, detection of deception, measurement of intelligence, and personnel psychology. One of his most interesting investigations examined the effects of early exposure to Sophocles on subsequent memory, and involved the use of his infant son, Ben Burtt, Sr., as a subject. In addition, Harold Burtt published nine books during his 40-plus year career at Ohio State, on such topics as personnel, legal, and advertising psychology; two of these books went to second editions and were widely cited.

November 1, 1991 meeting, Board of Trustees

### **RESOLUTIONS IN MEMORIAM (contd)**

Harold E. Burt (contd)

Another accomplishment was the advising of students, including 28 M.A. and 30 Ph.D. students. Many of these students went on to hold leadership positions in academics and the profession, including four Presidents of Division 14 of the American Psychological Association. His first Ph.D. student was L.A. Thompson (1927) and his last was W.E. Jaynes (1955). One of his Ph.D. students, Frank Stanton (1935), thought so much of Burt's influence that he endowed a Chair in Burt's name for \$1.25 million. That sum will be used to attract a prominent scholar to the department and thus improve training in the foundations of industrial-organizational psychology.

On behalf of the University community, the Board of Trustees expresses to the family its deepest sympathy. It was directed that this resolution be inscribed upon the minutes of the Board and that a copy be tendered to the family as an expression of the Board's realization of the loss that the family, the University, and his many friends, students, and associates have sustained.

Mabel G. Westervelt

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on August 21, 1991, of Mabel G. Westervelt, Instructor Emeritus in the Cooperative Extension Service.

Miss Westervelt was born on September 29, 1902, in Linden, Ohio. She received her B.S. in Home Economics from The Ohio State University in 1929; then spent several years working in an institutional management position and rural rehabilitation and resettlement position.

Miss Westervelt began her Extension experience when she joined the faculty at The Ohio State University in 1936 as a Home Demonstration agent, Home Economics in Fairfield County. She remained in this position until her retirement in 1965. Upon retirement, she was named Instructor Emeritus.

Miss Westervelt's contributions in providing excellent Extension educational programs during her career earned her the respect and admiration of her co-workers and many thousands of Ohio citizens.

On behalf of the University community, the Board of Trustees expresses its sympathy and understanding to the family of Miss Westervelt. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

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### **STUDENT AFFAIRS COMMITTEE REPORT**

Mr. Tonnie:

This morning Vice President Spillman gave an overview of the structure and function of the Office of Student Affairs. During the last academic year a committee, chaired by Professor David Frantz, reviewed the role and structure of the Office. This committee recommended that the vice provost for student affairs become a vice president. In addition, they recommended that the Office of Admissions, Student Financial Aid, and the University Registrar be transferred to the Office of Academic Affairs. Currently, the Office of Student Affairs is reviewing ways in which it supports the academic mission of the institution. They are focusing their efforts on how we can

November 1, 1991 meeting, Board of Trustees

### **STUDENT AFFAIRS COMMITTEE REPORT (contd)**

Mr. Tonnies:

more effectively retain students, how we can develop a sense of community within the university, and how we can enhance the personal safety of our students.

We also had a discussion this morning which was led by Sean Tipton, President of the Council of Graduate Students, on changing the selection process for the student nominees to The Ohio State University Board of Trustees. A preliminary outline was included in each of the Board agenda packets last week and I am sure we all looked over that. After an intensive discussion, Mr. Tipton and the other presidents of the student governments agreed to come back before the Board, again, in December with an official document that we can all discuss. Mr. Teaford, as you mentioned earlier, the Board will support any change that the three governments bring before us if they are in total agreement.

Finally, a resolution for a name change was indefinitely tabled by the Committee and the Interprofessional Council will resubmit the resolution when they feel that is appropriate.

Mr. Chairman, if there are no questions this concludes my report.

Mr. Teaford:

Thank you, Mr. Tonnies. I might note that the new President of the Interprofessional Council is Sophia Page.

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### **INVESTMENTS COMMITTEE REPORT**

Amb. Wolf:

The Investments Committee heard the monthly Endowment Summary Report for the period September 20, 1991 through October 18, 1991. The market value of the Equity portion of the Endowment Fund increased approximately \$1 million during this period. However, the Fixed Income portion of the Endowment Fund decreased approximately \$1.1 million during the same period.

Some other meaningful figures that should be called to your attention is as follows: the October 18, 1991 market value of the Endowment Fund was approximately \$800,000 above the September 20, market value. That value includes \$2.4 million in principal additions that have occurred since September 21. I am pleased to note Mr. Chairman that as of October 18, 1991, the market value of the total Endowment Fund was \$369.9 million, which is an all-time high.

As far as the distribution of our investments on October 18, 1991, we had 57 percent invested in equities, 26 percent invested in fixed income, 10 percent invested in real estate, and 7 percent invested in cash. All of the equity advisors and fixed income advisors have higher market values now than they did 12 months ago.

November 1, 1991 meeting, Board of Trustees

### **INVESTMENTS COMMITTEE REPORT (contd)**

Amb. Wolf: (contd)

We also reviewed the quarterly graphs pertinent to our Endowment Fund performance and it was indicated that the Endowment Fund earned a 6.6 percent return for fiscal year 1991. It was also reported that we earned a three-year return averaging 10.7 percent, a five-year return averaging 9.1 percent, and a ten-year return averaging 14 percent.

That concludes my report, Mr. Chairman.

(See Appendix XXXII for complete context of The Ohio State University Endowment Summary, October 18, 1991, page 571.)

(See Appendix XXXIII for complete context of The Ohio State University Endowment Fund Quarterly Reports, September 20, 1991, page 585.)

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### **FISCAL AFFAIRS COMMITTEE REPORT**

Mr. Shumate:

The Fiscal Affairs Committee met this morning and reviewed the First Quarter Budget Report. The only change to the Budget passed at the July 12, 1991 meeting is a reduction in the state support of \$4 million.

The Committee also heard an update on the status of the preliminary plans for the new College of Business building, by Mr. Nichols, Mr. Shkurti, and representatives of the College of Business. The preliminary recommendation for a site is in the area bounded by Woodruff Avenue, Lane Avenue, Tuttle Park Place and the North Residence Hall complex. Estimated total project costs are between \$85 and \$95 million and the estimated cost for the building and equipment is between \$60 and \$70 million, with \$42 million to be provided by the state and \$20 million from fund-raising. The remaining costs are for parking, street realignment and other related projects. There are a series of implementation issues related to this project and close coordination between all areas affected will be required if the desired fiscal year 1998 occupancy is to be achieved.

(See Appendix XXXIV for complete charts on The Ohio State University 1991-92 Current Funds Budget 1st Quarter Report, page 593.)

In addition, the Committee has reviewed and recommends approval of the following resolutions:

#### **WAIVERS OF COMPETITIVE BIDDING REQUIREMENTS**

July - September 1991

Resolution No. 92-50

Synopsis: The Fiscal Affairs Committee recommended the acceptance of the quarterly report on waivers of competitive bidding requirements.

November 1, 1991 meeting, Board of Trustees

**WAIVERS OF COMPETITIVE BIDDING REQUIREMENTS**  
July - September 1991 (contd)

WHEREAS the Purchasing Policy of The Ohio State University, adopted by the Board of Trustees on September 7, 1984, provides that the President and/or Vice President for Business and Administration may grant a waiver from competitive bidding in the event of an emergency, when a sufficient economic reason exists, or when the goods or services can be purchased from only a single source, with a report on such waivers to be made quarterly to this Board; and

WHEREAS the Acting Vice President for Business and Administration has submitted a report on waivers of competitive bidding requirements granted for the period of July-September 1991:

NOW THEREFORE

BE IT RESOLVED, That the report on waivers of competitive bidding requirements for the period July-September 1991, is hereby accepted.

Upon motion of Mr. Shumate, seconded by Ms. Casto, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix XXXV for chart on Waivers of Competitive Bidding Requirements - July - September 1991, page 597.)

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**INCORPORATION OF  
"THE OHIO STATE UNIVERSITY  
MANAGED HEALTH CARE SYSTEMS, INC."**

Resolution No. 92-51

Synopsis: The Fiscal Affairs Committee recommended the approval of Articles of Incorporation and the Code of Regulations for The Ohio State University Managed Health Care Systems, Inc., and authorization of immunity, insurance, representation, and indemnification for University Trustees, officers, and employees who serve as directors, officers, employees, or agents of the Corporation.

WHEREAS the Board of Trustees on May 3, 1991, approved and authorized the establishment of a nonprofit corporation to market, promote, and provide the University's health plans and any expanded managed health care services and programs to employers and groups within Ohio and to conduct and support other related programs that augment and enhance the undertakings of The Ohio State University's health plans, health care facilities, the College of Medicine, and other health-related services in advancing the University's educational, research, patient care, health care and public service responsibilities; and

WHEREAS the University has submitted the Articles of Incorporation and Code of Regulations for The Ohio State University Managed Health Care Systems, Inc., for approval by the Board; and

WHEREAS the Board desires that University Trustees, officers, and employees serve in their official capacities as directors, officers, employees, and agents of the Corporation:

NOW THEREFORE

BE IT RESOLVED, That the proposed Articles of Incorporation and Code of Regulations for The Ohio State University Managed Health Care Systems, Inc., are hereby approved, provided that additional technical changes may be made in these documents prior to filing upon the advice of counsel; and

November 1, 1991 meeting, Board of Trustees

**INCORPORATION OF  
"THE OHIO STATE UNIVERSITY  
MANAGED HEALTH CARE SYSTEMS, INC." (contd)**

BE IT FURTHER RESOLVED, That the University administration is authorized and directed to file these incorporation documents and perform such functions and execute such documents as may be necessary or desirable to establish and incorporate this Corporation; and

BE IT FURTHER RESOLVED, That as appropriate and as directed, Trustees, officers, and employees of The Ohio State University are hereby authorized, designated, and directed to serve as directors, officers, employees, and agents of the Corporation, representing the University in such capacities as part of their official duties and responsibilities to the University and entitling them to any immunity, insurance, indemnity, and representation to which Trustees, officers, and employees of the University now are, or hereafter may become, entitled.

Upon motion of Mr. Shumate, seconded by Mr. Celeste, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix XXXVI for background and Articles of Incorporation, page 599.)

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**EASEMENT RENEWAL  
COLUMBIA GAS OF OHIO, INC.**

Resolution No. 92-52

Synopsis: Authorization to renew an easement for gas pipeline service to Columbia Gas of Ohio is proposed.

WHEREAS in 1976 The Ohio State University granted to Columbia Gas of Ohio, Inc., a 15-year easement consisting of a strip of land approximately 15 feet in width and approximately 470 feet in length for installation of a 3" high-pressured gas main that runs to the meter house east of Dodd Hall; and

WHEREAS this easement expired on March 12, 1991, and Columbia Gas of Ohio, Inc., has requested a renewal for a 15-year period; and

WHEREAS the gas service will serve University property; and

WHEREAS the appropriate University offices have recommended the approval of this easement:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Acting Vice President for Business and Administration be authorized to request the Deputy Director of Public Works of the Department of Administrative Services, pursuant to his statutory duties, to act for and on behalf of the University in developing the necessary legal instruments to provide for this easement.

Upon motion of Mr. Shumate, seconded by Mr. Celeste, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix XXXVII for map, page 627.)

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November 1, 1991 meeting, Board of Trustees

**NON-MANDATORY TRANSFERS FROM CURRENT FUNDS  
FISCAL YEAR 1990-1991**

Resolution No. 92-53

Synopsis: Transfers to Endowment Principal Funds, Annuity and Life Income Funds, Loan Funds, Unexpended Plant Funds, Renewal and Replacement Funds - Remodeling and Renovation, Renewal and Replacement Funds - Repair and Replacement, Retirement of Indebtedness Funds and Investment in Plant Funds be submitted for approval.

WHEREAS non-mandatory transfers from current funds for the fiscal year 1990-1991 have been made; and

WHEREAS this accounting procedure is in compliance with the auditor of State that all transfers among fund groups be reported:

NOW THEREFORE

BE IT RESOLVED, That the transfers as detailed in the accompanying report be accepted and approved.

Upon motion of Mr. Shumate, seconded by Mr. Colley, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix XXXVIII for background material on Non-Mandatory Transfers from Current Funds Fiscal Year 1990-1991, page 629.)

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Thereupon the Board adjourned to meet Friday, December 6, 1991, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio.

Attest:

Madison H. Scott  
Secretary

Hamilton J. Teaford  
Chairman

THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND TWO HUNDRED AND SEVENTY-EIGHTH MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, December 6, 1991

The Board of Trustees met at its regular monthly meeting on Friday, December 6, 1991, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

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Minutes of the last meeting were approved.

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December 6, 1991 meeting, Board of Trustees

The Chairman, Mr. Teaford, called the meeting of the Board of Trustees to order on December 6, 1991, at 11:30 a.m. He requested the Secretary to call the roll.

Present: Hamilton J. Teaford, Chairman, John J. Barone, Deborah E. Casto, John W. Kessler, Milton A. Wolf, Leslie H. Wexner, Theodore S. Celeste, Michael F. Colley, David A. Tonnies, and Kristen Cusack.

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Mr. Teaford:

Before we begin, I would like to note with deep sadness, both official and personal, the death this morning of one of our former colleagues, Leonard Immke. I would be remiss if I did not pay tribute to one of Ohio State's great citizens who has passed away. Mr. Immke's life was dedicated to public service, the University, and the Columbus community. As a former Trustee and Director of the University Development Fund, many benefitted from his capable and caring leadership. Len will be greatly missed by his many friends and colleagues, and fondly remembered for his dedication to The Ohio State University.

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### **PRESIDENT'S REPORT**

President Gee:

I, too, concur in the deep personal, as well as University, loss of Len Immke. In my short period of time here, he had been a remarkable force of stability and courage, and we appreciate that.

I might note to the members of the Board and those in the audience that it has been a quiet and boring month in the President's Office -- no mail, no telephone calls! Well that might be a slight exaggeration; I have fielded a few calls from local sports reporters. And there have been some letters -- though fewer than some would believe. Let me share two letters that capture the spirit of our "mailbag poll" on Ohio State Football. This first one says, "I now commend you for your courage and wisdom in your decision to recommend extending Coach Cooper's contract, it was the only sensible thing to do. Don't be bothered by the noise from the so-called fans who would be satisfied with Saddam Hussein as coach as long as he won every game." Now on the other hand let me read this one, this one is addressed on beautiful stationary it says, "Mr. Gordon Gee, President of The Ohio State University, 205 Bricker Hall, 190 North Oval Mall, Columbus, Ohio 43210, Re: John Cooper, Dear President Gee, You idiot!", and it was signed, "very truly yours." Such is the life of your University President!

We do have an exceptional intercollegiate sports program. Our women's volleyball team just captured the Big Ten Championship with an undefeated season and captured the first round of the NCAA volleyball program by beating the University of Pittsburgh last evening. There is an interesting fact about our program in this week's rankings in USA Today; Ohio State is one of only six universities who are in the top 25 in both football and men's basketball. Three of the six are Big Ten Schools, a tribute to our conference. If you add women's basketball to that list only two schools are among the top 25 in the country in all three sports -- Iowa and Ohio State. We have a lot to be proud of.

December 6, 1991 meeting, Board of Trustees

### **PRESIDENT'S REPORT (contd)**

President Gee: (contd)

We also received the news that The Ohio State University Hospitals rank fifth in the country in the number of kidney transplants performed. If you add the number we perform at Columbus' Children's Hospital, we are the second largest kidney transplant unit in the nation.

University Hospitals is only the third hospital in the United States and the fourth hospital in the world to perform an innovative treatment for Duchenne muscular dystrophy. Dr. Jerry Mendell and his team are transplanting normal muscle cells into patients with this very serious disease, hopefully reversing the degeneration of muscle fibers in children.

We were informed this month that Dr. Richard Hill, Dean of the College of Optometry, has received the Josef Dallos Award, the highest honor given by the Contact Lens Manufacturers Association. He was recognized for his important and innovative contributions in the development of gas permeable and hydro-philic contact lenses. I believe it is important to note that Dean Hill is not only a very able administrative leader for the College of Optometry and among the Deans, but also a recognized scholar in his field. Furthermore, he is the immediate past president of the international association in contact lens development, and he is teaching a class for first-year optometry students this quarter. He is an outstanding member of our faculty, and represents the quality toward which we all are striving.

To continue our pursuit of outstanding students, the University Honors Center hosted a National Merit/National Achievement Day for students who have achieved the designation as semi-finalists for these awards. More students than ever attended this year's recruitment program, which bodes well for next year's class.

The Logan Elm Press hosted a conference of specialty presses and presented a juried exhibit of hand-made books in November. The Logan Elm Press is an important part of the University, showcasing creativity and giving life to an important art form -- books. The press is undertaking a development campaign to complete the renovation of its new facilities, and to further develop and promote its teaching and educational programs. I continue to be impressed by the remarkable volumes that this special and unique press prepares with such skill.

University Press brings us some very good news this month. Richard D. Altick, Professor Emeritus in the Department of English, has received the 1991 Christian Gauss Award from Phi Beta Kappa for the most outstanding book in literary criticism. This, ladies and gentlemen, is the highest honor given in this field of academic presses, and was awarded to Professor Altick for his book, *The Presence of the Present*, which was published by The Ohio State University Press. This is a singular honor for Dr. Altick, for a very distinguished Department of English, for our University Press, and for all of Ohio State.

Finally, I would like to note that the Chair of the Wexner Foundation, Mr. Wexner, and I serve as Vice Chair, and we had a remarkable program in support of the celebration of the Wexner Center and our Foundation Board. And thanks to the generosity of a number of people and thanks to the leadership of Mr. Wexner, we were able to raise \$1 million in one evening, a most significant activity. To you, Les, and to all of our colleagues who are supporting this very fine effort, I say, thank you.

December 6, 1991 meeting, Board of Trustees

### **PRESIDENT'S REPORT (contd)**

President Gee: (contd)

Mr. Chairman, with that good news, I pass the baton to you.

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### **HOSPITALS BOARD REPORT**

Mr. Teaford:

We will now have a report from Ms. Susan Insley who is the Chairperson of The Ohio State University Hospitals Board.

Ms. Susan Insley:

Good morning to all of you and on behalf of the members of the University Hospitals Board, I am pleased to provide this report to you. We thought we would use some slides to share visually, as well as verbally, some of the activities, programs, and initiatives of the University Hospitals, one of the great assets of this fine institution.

About four years ago the College of Medicine adopted a strategic plan approved by this Board to become a top ten medical college. The University Hospitals Board, in support of the College of Medicine, adopted a strategic plan with the concurrent goal of becoming a top ten academic medical center. This morning, I want to share our progress toward that goal and some ways of measuring that progress. We are engaged in a three-part mission at University Hospitals and the College of Medicine, of patient care, education, and research.

Focusing briefly on patient care, how and by whom is the quality of care that we deliver to our patients judged. One way is from independent outside organizations. University Hospitals this past year received a special commendation from the Joint Commission on Accreditation of Health Care Organizations, ranking in the top ten percent of America's hospitals. The J. Leonard Camera Center received a three-year national accreditation after only the second year of management by The Ohio State University Hospitals. University Hospitals was selected as one of just four hospitals in America to participate in a medicare pilot project for patients needing coronary bypass surgery, recognizing both our commitment to high quality and efforts to control health care costs.

Recognition of the quality of our care has come from other health care providers as well; an example is psychiatry. Upham Hall received the Psychiatric Hospital of the Year Award from the Alliance of the Mentally Ill of Ohio. Rehabilitation -- Dodd Hall, our nationally recognized rehabilitation center, by any measure out-performs all other rehabilitation programs in the country.

The Hospitals' programs have received recognition from industry peers. Our Sky-Med Helicopter Transport Program is one of only three U.S. hospital air transport services, completing more than 1,000 flights annually with just one helicopter. For the second consecutive year Sky-Med has received safety recognition from the Association of Air Medical Services. We will treat you well when we get you to the Hospital and we get you there safely.

## **HOSPITALS BOARD REPORT (contd)**

Ms. Insley: (contd)

The National Heart, Lung, and Blood Institute announced that our Pulmonary Function Laboratory exceeded the performance of the other 36 accredited labs nationwide. We are the best in quality and accuracy of pulmonary function testing.

Our local community here in the Central Ohio area, also recognizes our Hospitals for enhancing the quality of life in our community. This year, in a very tough economic year, the Hospitals achieved pacesetter standing in Central Ohio by achieving 105 percent of our United Way goal, which was 15 percent higher than last year's total.

The Ohio School Volunteer Program awarded the Hospitals its Outstanding School Volunteer Partner Award for the work in three Columbus Public Schools in the Adopt a School Program. The Private Industry Council of Franklin County presented the Hospitals with its award for youth employment.

And, perhaps most importantly, how do our patients judge the care that they receive at University Hospitals. The number of patients indicating they would recommend our Hospitals reached an all time high in September of this year, 98.5 percent. Note that this graphical scale of patient satisfaction begins at a standard of 90 percent out of 100. We are moving up the standards that we set for ourselves, and our patients expect us to meet these high standards.

We must also be able to deliver patient care effectively and efficiently. Critical to this effort is nursing. The Division of Nursing has carried out a number of initiatives established by a nursing task group including: the successful recruiting of more than 250 nurses last year, the reduction of turnover, and the development of enhanced career opportunities in nursing, all of which lead to high quality patient care.

We have also enhanced our outreach activities. This map shows you several things: the areas that are identified in red with number 1 show the seven Med-Ohio facilities operated in Central Ohio by the Hospitals, providing urgent care and family medicine services. These facilities experienced a 14 percent growth in the past year. Number 2 is the Stoneridge Center which provides care focusing on Internal Medicine, Obstetrics and Gynecology. Number 3, the Beechwold Center, offers comprehensive Family Medicine services. And number 4 is the Franklin Center, located in Chillicothe, which focuses on Internal Medicine and is an excellent referral source for our University Hospitals.

University Hospitals this year has begun an affiliation initiative with outlying area hospitals including Mary Rutan, in my hometown of Bellefontaine, and the Wyandot Hospital in Upper Sandusky. Additional affiliations are expected during the coming months. This hospital consortium will expand our continuing medical education efforts, enhance collaboration and communication between our medical faculty and referring physicians in these areas, and strengthen our patient referral base.

This familiar logo, The Ohio State University Alumni Association logo, we share with you this morning to advise you that we are launching a new program in January, the Alumni Intensive Caring Connection. This new program will provide selected services at preferred rates to members of the OSU Alumni Association. In addition, alumni will receive health education opportunities through such means as newsletters and health care forums. In Central Ohio alone, University Hospitals will be able to reach more than 35,000 of our alumni.

### **HOSPITALS BOARD REPORT (contd)**

Ms. Insley: (contd)

Delivery of care is also achieved through our clinical programs and we will show you three this morning. University Hospitals has the world's largest combined kidney/pancreas transplant program, and as Dr. Gee said, the nation's fifth largest kidney transplant program. To put it in perspective, a transplant operation is performed once every 36 hours at University Hospitals. The Hospital is making the complex, the complicated, the difficult, seem almost routine.

Cardiology is another one of our key programs. This slide shows a heart catheterization procedure, which today is routine. The Hospitals was among the very first in Ohio to undertake heart catheterization and is a clear leader in providing cardiology medical services. The Hospitals is also a leader in women's and infants' care, treating many high risk pregnant women, including those who are diabetic. Ohio State also specializes in in-vitro fertilization, and has the only accredited neo-natal intensive care unit in a full-service hospital in Central Ohio.

Let me also touch briefly on our other missions of research and education. As Dr. Gee noted, a team at the Hospitals was the first in the country to transplant normal muscle cells into a young patient with muscular dystrophy, hopefully slowing the progression of that terrible disease. Our neurosciences program generated over \$4 million last year in grants for research. The Hospitals is coordinating with the ECCO Family Center in downtown Columbus, to provide pre-term birth care programs to mothers at risk. We also have a program to provide a health screening clinic at the Second Baptist Church on Columbus's east side.

In January, Ohio State, Columbus State, the Private Industry Council, and the State of Ohio will initiate Mothers on the Move. This is a program to provide an opportunity for welfare mothers to leave the welfare system by enrolling at Columbus State's two-year degree programs in nursing, medical records technology, or respiratory therapy. And Ohio State University Hospitals will provide participants with field experiences during their schooling and job opportunities upon graduation.

The activities, programs, and initiatives described to you are all part of our implementation of the strategic plan. Reminding you, again, of the goal to become one of the top ten academic medical centers in this decade. We continue to measure ourselves against the goals and objectives set. For example, four key centers of emphasis have been identified in our strategic plan and we are carrying forward initiatives in those areas. The white circles show you where we were about a year ago, and the colored circles show progress in improving and enhancing programs in neuroscience, cardiology, transplant, and women's and infants' care. All show improvement. To enhance and strengthen these programs, your Hospitals Board has approved a commitment of \$30 million additional dollars. Thanks to the very prudent fiscal management of the Hospitals and support of this Board to do several things, we are going to expand and renovate our productive and active neonatal intensive care unit. We are modernizing Dodd Hall to enhance our rehabilitation programs. We will construct a new surgical intensive care unit, and we will construct an expanded and new psychiatric hospital to further our efforts in neurosciences and related areas.

### **HOSPITALS BOARD REPORT (contd)**

Ms. Insley: (contd)

Patient care, education, and research, all are being carried on under the leadership of this Board of Trustees, your Hospitals Board, and your Medical Center leadership, pursuant to our strategic plans and in a responsible manner. Thank you, very much.

Mr. Chairman, I would like to ask Dr. Hagop Mekhjian, Associate Dean of the College of Medicine and Medical Director of University Hospitals, and Ms. Gail Marsh, Director of Quality and Resource Management, to provide a further brief presentation with regard to the quality of care.

Ms. Gail Marsh:

We quite often hear about quality control programs in industry, but we are not so familiar with what happens in quality management programs in hospitals. I would like for you to take a moment and think back to a time when you may have been a patient in the hospital. What I would like to do is provide a behind the scenes look at what a hospital should be doing to ensure the highest quality care in that environment for you or for any other patients that they may serve.

The Quality and Resource Management Program at OSU Hospitals and, for the last year, the James Cancer Hospital is designed to facilitate high quality patient care at a reasonable cost. How do we minimize cost without compromising quality? At Ohio State we build quality into the processes of patient care. Quality assurance and cost containment are not things that we do in addition to providing patient care, they are the way that we provide patient care at OSU. We are determining prospectively what quality means, we set standards for care before a patient ever comes into our Hospitals. When a patient comes in with chest pain, we already know what the protocol for taking care of a patient like that is and we set standards for quality for those patients.

Our quality program has six major components: the first five we're examining ourselves, this last one we are asking our customers, "What do you think of us?" And then we use the results of those surveys to improve our services.

I would like to digress for a minute, this slide shows a study conducted by the National Research Corporation last year on health care consumers. They asked consumers, "What hospital characteristics mean quality for you?" First and foremost was technology -- what hospitals have the latest technology and the best doctors. The second characteristic was the patient as a human being. Are hospitals treating people with personal attention? Is the Hospital a preferred provider for heart care? Is it a teaching hospital? And is it the largest hospital in its market or one of the largest?" As you can see we meet quite a few of these criteria, we really couldn't have designed a better study ourselves.

We review all of our patients. Before patients come into our Hospitals or are scheduled for surgery, we look at their treatment plan and decide, "Is in-hospital care really the best place for that patient?" For example, these days a normal cataract extraction is very safe and cost effective to do in an out-patient environment, so we don't bring a patient with that diagnosis into our Hospitals. We find the best quality, most reasonable price for that patient in an out-patient setting. Throughout the admission process we are looking at those components that I've just described to you.

### **HOSPITALS BOARD REPORT (contd)**

Ms. Marsh: (contd)

At the time of discharge we are asking: "Is the patient ready to go home? Are we sending them out to an appropriate environment? Is the nursing home we are sending that patient to capable of continuing their care? Have we taught our patients how to use equipment and how to administer medications?"

To help us monitor these program components we have set up 300 indicators of quality that are used throughout the Cancer Hospital and University Hospitals. Just as a grade point average is an indicator of the quality of a student, these data elements are indicators to us of the quality of our care. We selected 20 of these 300 as our "vital signs" of quality. And just as we review our financial indicators every month, both University Hospitals and the Cancer Hospitals review their quality indicators every month to see what kind of services we are providing and where we can improve our services.

This slide shows an example of one of our quality indicators. We ask our patients, "What do you think of our physicians? Do they treat you with respect? Are they professional?" And you can see on a scale from 1 to 5 (and this graph starts with a 4, with 5 being the best) that our patients are consistently ranking our doctors 4.8 and 4.9. When our trend line falls below this threshold, that triggers an evaluation. We do an investigation, "Why did it drop?" We hope to find some common cause for that, initiate action to reduce or eliminate that cause, and thereby increase satisfaction again. So this threshold which is one and a half standard deviations from the mean, is strictly a trigger point for us and not to be confused with the standard of care.

A second example is the percentage of patients that meet pre-established discharge criteria in the Cancer Hospital. An example of a discharge criterion might be absence of fever when they leave the hospital. So if we discharge someone with a slightly elevated temperature, we will review that case to make sure that we are still maintaining our standard of care. We are very proud to report that 98-99 percent of the time these patients are meeting our criteria.

We feel that quality is everyone's responsibility in the Hospitals. We've set up a formal evaluation and reporting structure for quality of care. The emphasis of quality assurance is really in the departments. This is where peers are reviewing the care delivered by peers, and the results of this care is reported to this committee chaired by Dr. William Bay. This committee is charged with ensuring consistency of the care in all of our Hospitals. What this committee does then is report the information up to its respective Board (the Hospitals Board or the Cancer Hospital Oversight Committee) and these Boards are accountable for the quality of care in our Hospitals.

So what do we get out of all of this? What is the outcome? We are continuously updating our patient care policies and our standards and we pride ourselves on being standard setters, not standard achievers. We are appropriately privileging our medical staff based on their performance: "How well did they do last year? What should they be allowed to do in our Hospitals?" We are educating medical students or doctors of the future on how to practice good cost effective medicine, we are containing costs, and most importantly we are constantly identifying opportunities for improved patient care.

### **HOSPITALS BOARD REPORT (contd)**

Ms. Marsh: (contd)

Now I have described to you our internal mechanism, a very brief overview of how internally we look at ourselves. It is important to note that our constituents are also very interested in the quality of our care and the cost of our care. We have over 100 calls each day from insurance companies insuring the patients in our hospital, asking what the treatment plan is for these patients, and when they go home. Medicare and Medicaid send people into our Hospitals after patients are discharged to review the medical records, to look at how well we are using resources, and what the quality of care is. Our local businesses, those paying for our care, are very interested in the value that we provide them for their dollar. As you heard Ms. Insley state, we are very proud that with the surveys we had last year for the Cancer Hospital and University Hospitals, that we received a full three-year accreditation. And University Hospitals is one of three university hospitals in the country that we are aware of to receive a letter of commendation from the Joint Commission on Accreditation of Healthcare Organizations.

Dr. Hagop Mekhjian:

Mr. Chairman, I would like to recognize one other individual before I begin. Dr. William Bay, Professor of Medicine, has chaired our Quality Assurance Committee for the last several years. He has been part of this team monitoring the quality of our programs at both Hospitals.

It is virtually impossible to give you the outcome of all of the monitors that Ms. Marsh described, so I have decided to give you a flavor of some examples of what we do in monitoring assessment and assuring that we have good quality of care as it relates to the medical staff. A second example will give you some measures that outside agencies and national bodies have used to measure us and compare us with other institutions.

One example, obviously, is the quality of our medical staff -- we call this performance. It is without saying that we, unlike other institutions, already have a tremendous advantage because our medical staff are all faculty members of Ohio State University. We do not take this responsibility lightly, because in the process of appointing them to the faculty they have already undergone a great level of scrutiny. But, nevertheless, their performance is based on their patient care activities.

Some of the things that we looked at were patient mortality of a physician specific to patient population, their infection rates, how careful they were in the medical record documentation, complications, the indicators that were mentioned, and resource utilization. If this physician is ordering every test known to man, then he or she is not doing a good job in cost effective utilization of resources.

This slide illustrates one such indicator -- these are complications arising out of procedures. Through the cooperative consultative process of all of our faculty medical staff, we have established a threshold. This is the accepted threshold subject to change, because we are constantly trying to improve this threshold. This slide shows the mean for this peer group, all of these physicians practice the same type of activity, and this person triggers the threshold. I would like to caution you that this does not necessarily mean that he is practicing bad medicine, but it will receive further scrutiny and inquiry. There may be a very legitimate explanation for this, but nevertheless this will be considered at the time of the individual's evaluation for reappointment. I look at this as being similar to the tenure process, for those of us who are involved in the scrutiny of faculty in the tenure process.

## HOSPITALS BOARD REPORT (contd)

Dr. Mekhjian: (contd)

How about some of the external monitors such as the Medicare mortality rate. For the last three years HCFA, which is the responsible agency for monitoring all aspects of care rendered to Medicare patients, has been looking nationally and for the same type of diseases for comparable populations and basically giving us a guidance, "what is the predicted mortality for a given type of population of patients?" This orange or yellow line is what HCFA predicted we would do. We actually fared a lot better, we excelled. We've accomplished better expectations than what HCFA said we would do.

Who are we comparing ourselves to? To be crass about it, Columbus hospitals are what we are compared with in Columbus and Central Ohio, these are most of the institutions people are comparing us with, but these are not our true peers. Our true peers are the Big Ten hospitals, university hospitals like us. How do we do when compared to both groups? We do a lot better than local hospitals by HCFA comparisons, but we also do better when we compare ourselves to the Big Ten institutions. So by this standard we look good.

What about some other selected quality indicators. This slide shows the unplanned readmission rate -- how many patients return to the Hospitals once their inpatient care has been completed. This slide shows The Ohio State University Hospitals compared to other large hospitals (hospitals with more than 650 beds) and all hospitals. And we do better than both groups. The most significant aspect of this is that we are keeping patients' stay at a short period. You may not be aware of this but it is happening in spite of the fact that we have had roughly 30 percent reduction in the length of hospital stay over the last five years. So we are keeping the patients shorter and in spite of that, patients are not returning to the Hospitals at an increased rate.

This slide shows patients who have unplanned or unexpected return to the intensive care unit after a surgical procedure or some other medical procedure. Again, we compare very favorably, particularly with large hospitals with over 650 beds.

Finally, an area of our emphasis is maternal and child care. A point of great concern to a lot of people is the unnecessary Cesarean section because of the concern of malpractice. We do extremely well here. I would like to emphasize one other point that is not clearly evident on this slide. We are a high risk birth or maternity unit so it would be expected that we would get the most severe patients. In spite of the fact that we are a high risk maternity unit, we compare very favorably in the incidence of our Cesarean sections which is better than most large hospitals in the nation.

### **HOSPITALS BOARD REPORT (contd)**

Dr. Mekhjian: (contd)

Finally, this slide shows the neonatal mortality rate. During this period of time it is zero, but it probably will be a little bit higher, I hope not. Nevertheless, we do extremely well in terms of neonatal mortality. You just heard that we have one of the few certified full service neonatal intensive care units, and I think this is a credit to our programs and our activities.

I would like to finish by reemphasizing that quality of care is not a one man operation, or a two man operation. It is a collaborative effort of many individuals--the administration of the Hospitals, Reed's efforts, the medical staff's efforts, Gail's efforts, and the wisdom of the Board of Trustees to recognize our special needs and support those special needs. And this is how I feel ascribed to the cost effective high quality care at Ohio State University Hospitals and The Arthur G. James Cancer and Research Institute. So I think there is life on the other side of the stadium, just south of it, and it looks good. Thank you, very much.

Mr. Teaford:

Thank you. I want to note the great service that is given to the Hospitals by the Hospitals Board and, particularly, by its Chair, Ms. Insley. Those people serve tirelessly and are responsible for this fine report. I also want to recognize Reed Fraley, who is very much responsible for the incredible improvement in the Hospitals in every way. Reed, I appreciate what you are doing.

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### **INVESTMENTS COMMITTEE REPORT**

Amb. Wolf:

As many of you know, the Investments Committee met earlier this morning and we heard the monthly Endowment Summary report for the period October 18, 1991, through November 15, 1991. I am pleased to report that the market value of the Endowment Fund on November 15 was \$369.1 million. This was about \$800,000 below the October 18 market value, because the market has been going down a bit. The market value of the equity portion decreased about \$3.5 million, while the fixed income portion increased \$800,000, and net new additions to the Endowment Fund totalled \$2.9 million. However, since July 1991, which is the beginning of our fiscal year, the Endowment Fund has increased almost \$18 million. Of that net, new additions are just over \$7 million and the net change in market value has increased about \$10.9 million. That brings our current assets allocation for the Endowment Fund to 57 percent invested in equity, 26 percent invested in fixed income securities, 10 percent in real estate, and 7 percent in cash equivalence.

The Committee next heard the quarterly report on total cash and investments for the University. It was reported that the total cash and investments for all accounts as of September 30, 1991, was \$700.3 million. This was an increase of \$40.6 million for the quarter ending June 30, 1991. The reasons for this increase came by way of an \$18 million increase in the University's Endowment Fund and a \$21 million increase in the University's operating funds. I must say that the increase in the operating funds is a result of seasonal factors, primarily of the collection of fees and charges concurrent with the beginning of the Autumn Quarter.

December 6, 1991 meeting, Board of Trustees

### **INVESTMENTS COMMITTEE REPORT (contd)**

Amb. Wolf: (contd)

Finally, the Investments Committee heard a report from Mr. Shkurti on the annual review of capital campaign expectancies conducted by the Office of the Controller. As of June 30, 1991, expectancies totalled \$125 million as compared to \$138 million on June 30, 1990, one year earlier. The percent of undocumented expectancies is the verified sample and has been reduced to 7.1 percent as compared to a 9 percent decrease last year. Mr. Chairman, that concludes the report of this committee.

(See Appendix XXXX for complete context of The Ohio State University Endowment Summary, November 15, 1991, page 709.)

(See Appendix XXXXI for chart on The Ohio State University Cash and Investments, page 723.)

(See Appendix XXXXII for chart on The Ohio State University Board of Trustees Annual Review of Capital Campaign Expectancies, page 725.)

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### **RESEARCH FOUNDATION REPORT**

Ms. Casto:

I would like to begin my report by calling your attention to the October 1991 report of The Ohio State University Research Foundation Grants and Contracts.

The first tab lists the individual projects which were funded in the month of October.

The second tab in the report highlights a project funded by the National Science Foundation. It is a real tribute to the strength of the OSU program to have received this grant. The Division of Social and Behavioral Sciences at the NSF is a highly competitive program area.

The third tab of the report provides abstracts of science and math education projects funded in October. The range and diversity of science education projects across campus is immense. They are being conducted in all fields and at all grade levels. Ohio State is committed to getting students into the pipeline, to increasing the representation of minority students, and to helping the United States regain internationally competitive stature in the technology marketplace.

Under the fourth tab there is a summary of awards. This summary shows an increase of 29 percent in funding received this year compared to the same period last year. The timing of some of these awards accounts for part of the increase. However, I am pleased to say that new projects in a number of disciplines have been funded by NSF and NIH. I would also like to add that major projects in international programs account for a substantial factor in the overall increase. Also under the fourth tab is a summary of expenditures which points to an encouraging 10 percent increase this year over last year.

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS**

Resolution No. 92-54

Synopsis: Approval of the following reports on contracts, grants, and gifts and the summary for October 1991 is proposed.

WHEREAS monies are solicited and received on behalf of the University from governmental, industrial, other agencies, alumni, and various individuals in support of research, instructional activities, and service; and

WHEREAS such gifts and grants are received through The Ohio State University Research Foundation, the Engineering Experiment Station of The Ohio State University, and The Ohio State University Development Fund:

NOW THEREFORE

BE IT RESOLVED, That the research agreement between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the reports from the Engineering Experiment Station, and The Ohio State University Development Fund during the month of October 1991 be approved.

Upon motion of Ms. Casto, seconded by Mr. Celeste, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

(See Appendix XXXXIII for The Ohio State University Development, page 727.)

(See Appendix XXXXIV for Research Contracts, Grants, and Gifts, page 729.)

Background

OCTOBER 1991

Source	7/1/90-10/31/90	7/1/91-10/31/91	October 1991
The Ohio State University Research Foundation	\$47,170,374.52	\$60,870,152.34	\$16,357,994.51
Engineering Experiment Station	\$ 3,583,397.00	\$ 2,568,261.00	\$ 3,583,397.00
OSU Foundation and Development Fund	\$16,372,292.00	\$12,411,111.00	\$ 4,298,825.00

The Ohio State University Development Fund

Establishment of Named Funds

The Carl Haas Fund  
(Support artistic and educational programs  
of the Wexner Center for the Arts)

\$ 153,167.47

December 6, 1991 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

Background (contd)

OCTOBER 1991 (contd)

The Ohio State University Development Fund (contd)

Establishment of Named Funds (contd)

The Donald D. Glower Merit Scholarship Fund (Undergraduate Merit Scholarships - Engineering)	\$ 77,701.14
The Jack and Margaret Howell Putnam County Scholarship Fund (Scholarships - full-time students at OSU Lima who are graduates of Putnam County)	\$ 50,000.00
The Frederick Y. Billingslea, Ph.D., Scholarship Fund in Clinical Psychology (Scholarships - Clinical Psychology)	\$ 40,295.64
The Scott Falkenthal Memorial Student Colloquium Fund (Support the annual Graduate Student Colloquium in the Department of Molecular Genetics)	\$ 20,785.00
The Thomas E. and Patricia A. Robinson Athletic Scholarship Fund (Supplement grant-in-aid scholarship costs of student athletes)	\$ 20,000.00
The Madison County 4-H Endowment Fund	\$ 17,000.00
The Guernsey County Cooperative Extension Endowment Fund	\$ 15,856.00
The Herman and Pearl Dolinsky Gross Scholarship Fund (Undergraduate Scholarships - Colleges of Arts and Sciences)	\$ 15,000.00
The Barbara Lipton Pinchuk Scholarship Fund (Scholarships - music education)	\$ 15,000.00

Change in Description of Named Fund

The William A. Meiter Scholarship Fund

The Ohio State University Foundation

Change in Description of Fund

The Ross W. Boyd Memorial Distinguished/  
Medalist/University Scholarship Fund

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Description of Named Funds

The Carl Haas Fund

The Carl Haas Fund was established December 6, 1991, by the Board of Trustees of The Ohio State University, with a gift to The Ohio State University Development Fund from the trust of Carl E. Haas (B.S., Horticulture, 1918) of Youngstown, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to support artistic and educational programs of the Wexner Center for the Arts to benefit students of The Ohio State University. Priorities for expenditures are to be approved by the Wexner Center's executive director.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

The Donald D. Glower Merit  
Scholarship Fund

The Donald D. Glower Merit Scholarship Fund was established December 6, 1991, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from friends and colleagues in honor of Donald D. Glower, Dean, College of Engineering, 1976-1990, and Vice President, Development, 1990-1992.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide undergraduate merit scholarships to students in the College of Engineering. Scholarship recipients shall be selected as freshmen and may continue as Glower Merit Scholars through their senior year so long as they remain in the top 10% of their class academically and continue in engineering. This 10% should be used as a guideline. Preference shall also be given to students from Crawford County. This fund shall be administered by the College of Engineering in cooperation with the University Honors Center and in consultation with the University Committee on Student Financial Aid.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the dean of the College of Engineering in order to carry out the desire of the donors.

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Description of Named Funds (contd)

The Jack and Margaret Howell Putnam County Scholarship Fund

The Jack and Margaret Howell Putnam County Scholarship Fund was established December 6, 1991, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from Jack (L.H.) and Margaret Howell, Ottawa, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used as a scholarship limited to full-time students of The Ohio State University at Lima who are graduates of Putnam County, Ohio, high schools or residents of Putnam County providing one-third of the tuition per term. The scholarship shall be renewed for a student as long as a 2.9 cumulative grade point is maintained. Renewal scholarships should be granted before consideration should be given to any new requests. Although the scholarship is renewable, students should be required to submit an application each year. One need not be a freshman to initially receive the funds. The scholarship could also be applicable for full-time summer terms. The scholarship shall follow the student who continues to qualify to the completion of the undergraduate degree whether at OSU Lima or the main campus in Columbus.

The scholarship should be granted to a well rounded student based on ability, need, apparent good work habits and determination to get an education. School activities are important for a well rounded student. While athletics might be involved, this is not to be an athletic scholarship. If no applicants apply or are qualified at a particular time, the funds shall be made available for qualified applicants from Putnam County, Ohio in subsequent years. Selection of the award recipient shall be made by the University Committee on Student Financial Aid.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donors.

The Thomas Passmore Dickinson Endowment Fund

The Thomas Passmore Dickinson Endowment Fund was established December 6, 1991, by the Board of Trustees of The Ohio State University, with a gift to The Ohio State University Development Fund from Thomas Passmore Dickinson, Georgetown, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

December 6, 1991 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Description of Named Funds (contd)

The Thomas Passmore Dickinson Endowment Fund (contd)

The annual income shall be used primarily for, but is not limited to, supporting: (1) teaching and research in the area of cerebral palsy; (2) scholarships and other financial assistance to students specializing in this area as medical students or care providers (nurses, physical therapists, etc.); (3) attendance at conferences related to cerebral palsy; and (4) lecture series at the University on the subject matter area. All expenditures from this fund shall be made by the Vice President for Health Services and Dean of the College of Medicine in consultation with the Director of the Nisonger Center and Michael S. Pfeffer, Attorney at Law. Where scholarships are involved, award decisions shall be made in consultation with the University Committee on Student Financial Aid.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the Vice President of Health Services and Dean of the College of Medicine, and the Director of the Nisonger Center in order to carry out the desire of the donor.

The Frederick Y. Billingslea, Ph.D., Scholarship  
Fund In Clinical Psychology

The Frederick Y. Billingslea, Ph.D., Scholarship Fund in Clinical Psychology was established December 6, 1991, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from the estate of Edythe V. Billingslea of Maumee, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide scholarships in clinical psychology to undergraduate students. The selection of the scholarship recipients shall be made by the chairperson of the Department of Psychology in consultation with the University Committee on Student Financial Aid.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

The Scott Falkenthal Memorial Student Colloquium Fund

The Scott Falkenthal Memorial Student Colloquium Fund in Molecular Genetics was established December 6, 1991, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the estate of Dr. Scott Falkenthal, and from family, friends, and colleagues to Dr. Falkenthal, in recognition of his commitment to students.

December 6, 1991 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Description of Named Funds (contd)

The Scott Falkenthal Memorial Student Colloquium Fund (contd)

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide support to the annual Graduate Student Colloquium in the Department of Molecular Genetics in the College of Biological Sciences, to allow the colloquium to expand and to provide opportunities for outstanding graduate students. The income will support the colloquium in the following prioritized ways: (1) To provide an honorarium to an outside speaker who will be brought to The Ohio State University to initiate the colloquium with a keynote address; (2) To provide travel money to the award winning students, at the 4th and 5th year levels, so that they may attend a recognized national conference in their field; and (3) To provide support for a colloquium awards banquet.

If the annual income should exceed the amount necessary to support the colloquium in the above named ways, the balance may be used to support seminar speakers or graduate student research in the Department of Molecular Genetics. If the colloquium should cease to exist, the annual income will be used to provide scholarships to graduate students in the Department of Molecular Genetics. If the Department of Molecular Genetics should cease to exist or should merge with another department, the fund will transfer to the department to which faculty in the current Department of Molecular Genetics are assigned.

It is the desire of the donors that this fund should benefit the University in perpetuity. Should the need for this fund cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the dean of the College of Biological Sciences.

The Thomas E. and Patricia A. Robinson Athletic  
Scholarship Fund

The Thomas E. and Patricia A. Robinson Athletic Scholarship Fund was established December 6, 1991, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from Thomas E. and Patricia A. Robinson of Troy, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to supplement the grant-in-aid scholarship costs of student athletes who are pursuing undergraduate degrees at The Ohio State University. Recipients shall be selected by the Director of Athletics in consultation with the University Committee on Student Financial Aid.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees as recommended by the Director of Athletics in order to carry out the desire of the donors.

December 6, 1991 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Description of Named Funds (contd)

The Madison County 4-H Endowment Fund

The Madison County 4-H Endowment Fund was established December 6, 1991, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from the Madison County 4-H Committee and other friends of the Madison County 4-H Program.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to support the Madison County 4-H Program. This support may include, but is not limited to, the funding of scholarships and awards for 4-H members, volunteer leaders and friends of 4-H; sponsoring seminars and programs; purchasing materials or services that will supplement 4-H programming or increase the visibility and public support for 4-H in Madison County. All expenditures from this fund shall be approved by the Madison County 4-H Council.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donors.

The Guernsey County Cooperative Extension  
Endowment Fund

The Guernsey County Cooperative Extension Endowment Fund was established December 6, 1991, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from friends of the Guernsey County Cooperative Extension Service.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to support the Guernsey County Cooperative Extension programs and shall be paid to the Guernsey County Extension Advisory Committee once every year. The distribution of these funds shall be determined by recommendation from the County Cooperative Extension Advisory Committee to the County Chairperson of the Guernsey County Cooperative Extension Service following the guidelines of the Ohio Cooperative Extension Service.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donors.

December 6, 1991 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Description of Named Funds (contd)

The Herman and Pearl Dolinsky Gross Scholarship Fund

The Herman and Pearl Dolinsky Gross Scholarship Fund was established December 6, 1991, by the Board of Trustees of The Ohio State University, with a gift to The Ohio State University Development Fund from Ronald M. Gross (B.A., Biological Sciences, 1955) in honor of his parents.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide undergraduate scholarships of at least \$1,000 each to students who are pursuing degrees from the Colleges of Arts and Sciences. Applicants may be entering freshman at the Columbus campus or currently enrolled students at the Columbus campus. Recipients shall be selected by the University Committee on Student Financial Aid in consultation with the coordinating dean of the Colleges of Arts and Sciences. The scholarships shall be based on financial need as well as scholastic merit and shall be renewable.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees with preference given to scholarships in order to carry out the desire of the donor.

The Barbara Lipton Pinchuk Scholarship Fund

The Barbara Lipton Pinchuk Scholarship Fund was established December 6, 1991, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from Barbara Lipton Pinchuk (B.S.Ed. '63) of Tarzana, California.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used for scholarships for music education students who will be music educators (teachers). Criteria required is a combination of academic ability and financial need. Selection of the recipient is to be made by the chairperson of the Division of Music Education with appropriate consultation with faculty and approval of the dean of the College of the Arts. Decisions shall be made in consultation with the University Committee on Student Financial Aid.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use within the School of Music shall be designated by the Board of Trustees in consultation with the dean of the College of the Arts, department/division chairperson, or program administrative officer in order to carry out the desire of the donor.

December 6, 1991 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Change in Description of Named Fund

The William A. Meiter Scholarship Fund

The William A. Meiter Scholarship Fund was established April 3, 1987, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from William A. Meiter, B.S., Mechanical Engineering, 1927, Delray Beach, Florida, in memory of his immigrant parents who by hard work on a dairy farm near Damascus, Ohio, were able to provide a college education for their three sons. The description was revised December 6, 1991.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide one or more scholarship awards to students entering or attending The Ohio State University, including its regional campuses and technical institute, from the West Branch School District, Damascus area. Selection of the award recipients shall be made by the University Committee on Student Financial Aid in conjunction with the Scholarship Selection Committee of the Damascus Area Historical Society. All awards shall be based on financial need.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund in the West Branch School District should cease to exist or so diminish as to provide unused income, then the income may be used to provide scholarship support for students from the Sebring, Western Reserve, South Range School District in Mahoning County; the Salem and United Local School Districts, Columbiana County; the Southeast School District in Portage County; and the Alliance, Marlinton, and Minerva School Districts in Stark County, Ohio. A joint decision by the Damascus Area Historical Society and the University Committee on Student Financial Aid, or its representative, is required. Should the need for this fund cease entirely, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

THE OHIO STATE UNIVERSITY FOUNDATION

Change in Description of Fund

The Ross W. Boyd Memorial Distinguished/  
Medalist/University Scholarship Fund

The Ross W. Boyd Memorial Distinguished/Medalist/University Scholarship Fund was established September 6, 1991, by the Board of Trustees of The Ohio State University through funds received by the University from The Ohio State University Foundation, with gifts from the estate of Ross W. Boyd, B.S., Education, 1935, of Muskegon, Michigan. The repository of the estate gift was changed to reflect the terms of Ross W. Boyd's Last Will and Testament and, thus, the fund was revised December 6, 1991.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

December 6, 1991 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

THE OHIO STATE UNIVERSITY FOUNDATION (contd)

Change in Description of Fund (contd)

The Ross W. Boyd Memorial Distinguished/  
Medalist/University Scholarship Fund (contd)

The annual income shall be used to provide one or more undergraduate merit scholarships for Distinguished, Medalist and/or University Scholars. This merit scholarship initiative is the result of recommendations from the 1990 University Task Force on Undergraduate Recruitment and the 1990-1991 Undergraduate Recruitment Implementation Steering Committee to the Senior Vice President for Academic Affairs and Provost. Students shall be selected based upon the criteria sanctioned by the Senior Vice President for Academic Affairs and Provost and administered by the University Honors Center in consultation with the University Committee on Student Financial Aid.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson or program administrative officer in order to carry out the desire of the donor.

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**ACADEMIC AFFAIRS COMMITTEE REPORT**

Ms. Casto:

This morning we heard a report from Dean Don Anderson on some of the programmatic changes that are taking place in the College of Education. Consistently ranked as among one of the best education colleges in the country, the College of Education is focusing its attention on leadership development, on developing exemplary teacher education programs, and on research and development.

The College of Education played a leadership role in the Holmes Group, a consortium of education colleges in research universities across the country. Undergraduate teacher education programs are being dropped in favor of post-baccalaureate preparation.

Mary Fried, a Columbus Public School teacher on leave, described the College's Reading Recovery Program. The program, first developed in New Zealand, is designed to deal with first grade students who are not reading at the first grade level. Intervening at this early age enables them to escape the "failure" track and research seems to indicate that these students then continue to read at the appropriate grade level. Scholars and practitioners from across the world have visited and are studying the Reading Recovery Program here at Ohio State.

I would say that the only major problem with this program is that it is a one on one relationship with the students and, of course, that is very costly to the school systems, but it has been very effective.

December 6, 1991 meeting, Board of Trustees

**ACADEMIC AFFAIRS COMMITTEE REPORT (contd)**

Ms. Casto: (contd)

In addition, we are recommending the appointment of Robert M. Duncan, Vice President for Legal Affairs and General Counsel. We welcome you to our University family. I think you will see that Gordon has put together an excellent staff and we are very proud to have you with us.

President Gee:

I appreciate Ms. Casto's notation that today is a singularly significant day for the University. We are delighted that Judge Robert Duncan has accepted our offer to join us as Vice President for Legal Counsel of this University. Bob honors us by that acceptance.

As many of you know, he has served as a distinguished jurist, a lawyer of great note to not only this State, but nationally, and certainly has done a remarkable job as a great friend of this University, serving in many capacities and in many ways. And I know that Bob views this opportunity as exactly that, an opportunity to, again, serve at an institution that he values and cherishes dearly. And in turn, Bob, we appreciate the fact that you would come and help guide it at a time that will be one of both great opportunity and great challenge.

I know that the members of the Board, and certainly the members of the University Family, are equally excited about this opportunity.

Mr. Teaford:

I might note, too, in light of our other discussion, that Judge Duncan was one of the charter members of the Hospitals Board as well.

**PERSONNEL ACTIONS**

Resolution No. 92-55

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the November 1, 1991 meeting of the Board, including the following Appointment, Appointment of Chairpersons, Reappointment of Director, Leaves of Absence Without Salary, Leave of Absence Without Salary--Continuation, Professional Improvement Leaves, Emeritus Titles, Medical Staff Appointments (The Arthur G. James Cancer Hospital and Research Institute, and Medical Staff Reappointments (The Arthur G. James Cancer Hospital and Research Institute) as detailed in the University Budget be approved.

Appointment

Name:	ROBERT M. DUNCAN
Title:	Vice President and General Counsel
Office:	Legal Affairs
Effective:	January 1, 1992
Salary:	\$150,000.00
Present Position:	Partner with Jones, Day, Reavis & Pogue, Columbus, OH

December 6, 1991 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

Appointment of Chairpersons

July 1, 1991 through June 30, 1992

Photography and Cinema

James W. Hutchens\*

January 1, 1992 through June 30, 1993

Engineering Mechanics

Carl H. Popelar

Reappointment of Director

October 1, 1991 through September 30, 1995

Center for African Studies

Isaac J. Mowoe

\*Acting Chair

Leaves of Absence Without Salary

TIMOTHY J. LONG, Associate Professor, Department of Computer and Information Science, effective Autumn Quarter 1991, Winter Quarter and Spring Quarter 1992, to except a Visiting Professorship at New Mexico State University.

ANTHONY B. SANDERS, Associate Professor, Department of Finance, effective Autumn Quarter 1991, Winter Quarter and Spring Quarter 1992, to except a position at the University of Chicago.

CARLOS E. CUEVAS, Assistant Professor, Department of Agricultural Economics and Rural Sociology, effective December 1, 1991 through December 31, 1991, to conduct work at The World Bank, Washington, D.C.

Leave of Absence Without Salary--Continuation

HAROLD S. HIMMELFARB, Associate Professor, Department of Sociology, effective Autumn Quarter 1991, Winter Quarter and Spring Quarter 1992, to continue in a research position with the U.S. Department of Education.

Professional Improvement Leaves

KARL C. RUBIN, Professor, Department of Mathematics, effective Autumn Quarter 1992, Winter Quarter and Spring Quarter 1993.

HENRY M. BARTHOLOMEW, Associate Professor, Cooperative Extension Service, effective Winter Quarter and Spring Quarter 1992.

ALICE SILVERBERG, Associate Professor, Department of Mathematics, effective Autumn Quarter 1992, Winter Quarter and Spring Quarter 1993.

December 6, 1991 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

Emeritus Titles

ALFRED S. GOLDING, Department of Theatre, with the title Professor Emeritus, effective January 1, 1992.

YEHIEL HAYON, Department of Judaic and Near Eastern Languages and Literatures, with the title Professor Emeritus, effective January 1, 1992.

MARGARITA LEVISI, Department of Spanish and Portuguese, with the title Professor Emeritus, effective March 1, 1992.

HONGOR OULANOFF, Department of Slavic and East European Languages and Literatures, with the title Professor Emeritus effective January 1, 1992.

JAMES P. SCANLAN, Department of Philosophy, with the title Professor Emeritus, effective January 1, 1992.

FRANK R. SILBAJORIS, Department of Slavic and East European Languages and Literatures, with the title Professor Emeritus, effective January 1, 1992.

MARVIN R. ZAHNISER, Department of History, with the title Professor Emeritus, effective January 1, 1991.

WALTER W. BRIM, Department of Physics (Lima Campus), with the title Associate Professor Emeritus, effective September 1, 1991.

MARIANNE G. COOPER, Department of Music (Mansfield Campus), with the title Associate Professor Emeritus, effective January 1, 1992.

PETER W. GANO, School of Music, with the title Associate Professor Emeritus, effective January 1, 1992.

DAVID F. ROBINSON, Department of Slavic and East European Languages and Literatures, with the title Associate Professor Emeritus, effective January 1, 1992.

ARNOLD SHAPIRO, Department of English, with the title Associate Professor Emeritus, effective January 1, 1992.

ELLIN E. CARTER, Department of English, with the title Assistant Professor Emeritus, effective January 1, 1992.

Medical Staff Appointments (The Arthur G. James Cancer Hospital and Research Institute)

BAUER-GIFFIN, CONSTANCE, M.D., Attending Staff, Radiology  
LEIPZIG, JAMES MARK, M.D., Associate Attending Staff, Surgery  
McGREGOR, JOHN MICHAEL, M.D., Associate Attending, Surgery

December 6, 1991 meeting, Board of Trustees

### **PERSONNEL ACTIONS (contd)**

Medical Staff Reappointments (The Arthur G. James Cancer Hospital and Research Institute)

July 1, 1991, through June 30, 1993

GARY L. REA, M.D., Associate Attending, Surgery  
DAVID E. ROBERTS, M.D., Associate Attending, Int. Medicine  
SHELDON R. SIMON, M.D., Associate Attending, Surgery

Upon motion of Ms. Casto, seconded by Mr. Colley, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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### **RESOLUTIONS IN MEMORIAM**

Resolution No. 92-56

Synopsis: The Academic Affairs Committee recommended the approval of the following Resolutions in Memoriam.

RESOLVED, That the Board adopt the following Resolutions in Memoriam and that the President be requested to convey a copy to the families of the deceased.

Frederick P. Dickey

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on October 5, 1991, of Frederick P. Dicker, Professor Emeritus in the Department of Physics.

Professor Dickey was born September 1, 1916, in Zanesville, Ohio. After receiving a Bachelor of Science degree in Physics in 1938 at Muskingum College, he obtained his graduate education at The Ohio State University, where he earned an M.S. degree in 1939. He served in the United States Naval Reserve from 1942-45 as a Lieutenant Commander. In 1945 he returned to The Ohio State University and received his Ph.D. in 1946. Professor Dickey was appointed Instructor of Physics at The Ohio State University in 1946 and progressed to full Professor in 1960. He served as Vice Chairman of the Physics Department from 1960-67. He became a Professor Emeritus in 1982.

Professor Dickey's research efforts were primarily in the area of high resolution infrared spectroscopy of small molecules, like H<sub>2</sub>O, HDO, CO<sub>2</sub>, and OH. His early experimental contributions laid the foundation for future investigations and became of importance in the study of the earth's atmosphere and of combustion processes. During the course of his career at The Ohio State University, he served as the advisor for eight Ph.D. and thirty-four M.S. students.

Almost all graduate degrees generated in the Department of Physics occurred after the arrival of Professor Dickey as a graduate student in 1939 and during his tenure as a faculty member since 1946. He was influential in shaping the experimental program in far infrared spectroscopy and indirectly programs in other areas of Physics. His influence was felt in the undergraduate and graduate programs in Physics during his tenure as Vice Chairman. He assisted the undergraduate and graduate students with tact and wisdom in resolving their problems during this period. Professor Dickey was a member of the American Physical Society.

December 6, 1991 meeting, Board of Trustees

### **RESOLUTIONS IN MEMORIAM (contd)**

Frederick P. Dickey (contd)

On behalf of the University community, the Board of Trustees expresses to the family of Dr. Dickey its deepest sympathy. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Richard H. Hoppin

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on November 1, 1991, of Richard H. Hoppin, Professor Emeritus in the School of Music.

Richard Hoppin was born in Northfield, Minnesota, on February 22, 1913. He received the BA degree from Carleton College in 1936, having interrupted his course of study to spend two years at the Ecole Normale de Musique in Paris. He then went to Harvard University, where he took the M.A. in 1938. Following four years of teaching at Mount Union College and three years of military service, he resumed his graduate work at Harvard in 1945 under the guidance of Archibald T. Davison, receiving the Ph.D. in 1952 with a dissertation on the motets of the early fifteenth-century manuscript Torino, Biblioteca Nazionale, J.II.9. He took a position as assistant professor at the University of Texas in 1949 and taught there until 1961, when he came to The Ohio State University as professor of music history and literature. On the occasion of Professor Hoppin's retirement from Ohio State in 1978, the School of Music held a colloquium in his honor, featuring his former students as quest speakers.

An accomplished pianist, Professor Hoppin's interests and expertise covered virtually the entire spectrum of music history. His main area of study, however, was the middle ages, with emphasis on the music of the 14th and early 15th centuries. He was the author of *Medieval Music* and its companion volume, *Anthology of Medieval Music* for which he received the Deems Taylor Award of the American Society of Composers and Performers in 1979. Dr. Hoppin also edited four volumes of *The Cypriot-French Repertory of the Manuscript Torino, Biblioteca Nazionale J. II. 9 (Corpus mensurabilis musicae, xxi, 1960-63)*, as well as a facsimile edition with commentary of the same manuscript (*Musicological Studies and Documents, xix, 1968*). Among his many articles, one should perhaps single out "Exultantes collaudemus: A Sequence for Saint Hylarion," *Aspects of Medieval and Renaissance Music: A Birthday Offering to Gustave Reese* (New York, 1966), "Reflections on the Origin of the Cyclic Mass," *Liber Amicorum Charles van den Borren* (Antwerp, 1964), "Notational Licenses of Guillaume de Machaut," *Musica Disciplina, xiv* (1960), and "A Fifteenth-Century 'Christmas Oratorio,'" in *Essays in Music in honor of Archibald Thompson Davidson* (Cambridge, MA, 1957).

Professor Hoppin was the recipient of a Guggenheim Fellowship and a Fulbright Research Grant, and conducted, with the sponsorship of the National Endowment of the Humanities, three seminars on medieval music at The Ohio State University. He served the University as a member of the Graduate Council for many years, and was likewise an affiliate of the Center for Medieval and Renaissance Studies.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

December 6, 1991 meeting, Board of Trustees

### **RESOLUTIONS IN MEMORIAM (contd)**

Clifford L. James

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on August 26, 1991, of Clifford L. James, Professor Emeritus in the Department of Economics.

Professor James was born on February 18, 1903, in Lewisburg, Ohio. He received his B.A. degree in economics with high distinction from The Ohio State University in 1925. He was awarded a fellowship and received an M.A. degree in sociology from The Ohio State University in 1926. Having been awarded a fellowship to Harvard, he entered that University, where he received the Ph.D. degree in economics in 1930. He was a member of the O.S.U. marching band that played at the dedication of Ohio Stadium.

Professor James' academic career after receiving the Ph. D. degree was spent entirely at Ohio State, with interruptions for important periods of public service. He served as assistant professor, associate professor, and full professor starting in 1929, until his retirement and appointment as Professor Emeritus in 1973. On leave from Ohio State, he served as Senior Economist on the United States Tariff Commission in 1934-35. He was an Economic Expert on the Temporary National Economic Committee in 1939, and he later served as Economic Consultant on U.S. trade policy to the Public Advisory Board for Mutual Security. In 1942-43, he served as Regional Price Executive and State Price Officer in the Office of Price Administration.

During his career at Ohio State, Professor James rose to an important leadership position within the economics department, teaching at all levels. At the graduate level, he specialized in economic theory and international trade theory. He was the principal advisor on eight Ph.D. dissertation committees. He was active in research, publishing in such leading journals as the American Economic Review and the Southern Economic Journal, and in numerous other professional journals, annuals, and collected works. He also published several professional monographs and wrote three textbooks. In addition to his teaching and research roles, he served the University in the Faculty Council, Graduate Council, and the President's Permanent Planning Committee.

On behalf of the University community, the Board of Trustees expresses its sympathy and understanding to the family of Professor James. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Leo E. Lipetz

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on October 12, 1991, of Leo E. Lipetz, Professor Emeritus in the Department of Zoology.

Professor Lipetz was born on August 10, 1921, in Lincoln, Nebraska. He received a bachelor degree of electrical engineering from Cornell University in 1942 and a Ph.D. in biophysics from the University of California at Berkeley in 1953. He did postdoctoral work in the biophysics of vision at John Hopkins University in 1954.

Professor Lipetz came to Ohio State in 1954 as an assistant professor in the Department of Ophthalmology. He had been affiliated with the Department of Zoology since 1981. Professor Lipetz retired and became Professor Emeritus in 1989.

December 6, 1991 meeting, Board of Trustees

### **RESOLUTIONS IN MEMORIAM (contd)**

Leo E. Lipetz (contd)

Professor Lipetz conducted research in the biophysics of vision and was the author of numerous publications. Dr. Lipetz was the recipient of several fellowships and awards and a member of many professional societies, including the American Association for the Advancement of Science, the Association for Research in Vision and Ophthalmology, and a charter member of the Biophysical Society.

On behalf of the University community, the Board of Trustees expresses its sympathy and understanding to the family of Professor Lipetz. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Duncan McConnell

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on November 8, 1991, of Duncan McConnell, Professor Emeritus in the Department of Geological Sciences.

Professor McConnell ("Mac" to his colleagues) was born in Chicago, Illinois, on January 30, 1909. He received a B.S. in Chemistry from Washington and Lee University in 1931, an M.S. from Cornell University in 1932, did postgraduate studies at the University of Chicago from 1932-33 and Stanford from 1934-35, and obtained a Ph.D. from the University of Minnesota in 1937. Dr. McConnell was an instructor at the University of Texas from 1937-40, worked as a mineral economist at the U.S. Bureau of Mines in Washington in 1941, as a chemist-petrographer at the U.S. Bureau of Reclamation in Denver from 1941-47, and was an Acting Assistant Division Director at Gulf Research and Development Company in Pittsburgh from 1947-50. He joined the faculty of The Ohio State University as a Professor in the Department of Mineralogy in 1950 and was chairman of that department from 1952-56. He served as an Assistant Dean of the Graduate School in 1954-55 and was a Research Professor in the College of Dentistry from 1957 until his retirement in 1976.

Professor McConnell was a fellow in the Mineralogical Society of America and Royal Society of Arts. He was a member of many professional societies including the American Crystallographic Association, Geochemical Society, American Chemical Society, Society of Economic Geologists, Electron Microscopy Society of America, and Mineralogical Societies of Canada, Great Britain and France. He was also a member of Phi Beta Kappa, Sigma Xi, Phi Lambda Upsilon, Gamma Sigma Epsilon, Sigma Gamma Epsilon, Tau Kappa Iota, and Omicron Kappa Upsilon.

Dr. McConnell was respected internationally for his expertise in the field of crystal chemistry, a subject he initiated at The Ohio State University and which continues to be taught to this time. He was a man of principle and championed several concepts long before they became recognized as truths in the scientific community. A noteworthy contribution to science was his formulation and study of the tetrahedral-hydroxyl group and its significance in garnetoids and carbonate-hydroxy apatites. He published extensively including a widely respected book on phosphates, chapters in books and encyclopedias, and articles in scientific journals. He discovered the mineral ellestadite and contributed to the knowledge of minerals and bone, the crystal chemistry of clay minerals, the physical chemistry of the deterioration of concrete, and the nature of biological precipitates.

December 6, 1991 meeting, Board of Trustees

**RESOLUTIONS IN MEMORIAM (contd)**

Duncan McConnell (contd)

Dr. McConnell was active in community affairs and he shared his views through frequent letters to local newspapers including the Lantern. He championed many causes and stood fast with cogent arguments. He is remembered by his colleagues for having filed suit in court in the 1950s on behalf of the faculty of The Ohio State University to decide whether or not employees of the State of Ohio who do not live in Columbus should be exempt from paying tax to the City of Columbus. The case was decided in favor of the City of Columbus on the grounds that in times of need the University is served by the Columbus Fire and Police Departments.

On behalf of the University, the Board of Trustees expresses to the family of Professor McConnell its deep sympathy and sense of understanding of their loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Roland Vilums

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on September 21, 1991, of Roland Vilums, Assistant Professor Emeritus in the University Libraries.

Roland Vilums was born August 2, 1906, in Riga, Latvia. He received his education at the University of Latvia and received his law degree in 1930. In 1958 he received his M.S.L.S. degree from the University of Michigan, Ann Arbor.

Professor Vilums was a District Court Judge in Riga and a Latin teacher for the High School for Latvian Refugees, Oldenburg, Germany, prior to coming to the United States in 1950. From 1958 until his retirement in 1977, he was the Slavic cataloger in the University libraries. Mr. Vilums served on numerous Library Committees, and in general was an active and highly valued contributor to the life of the Libraries. Professionally, Mr. Vilums was a member of the American Library Association, the Ohio Valley Group of Technical Services Librarians, and the Franklin County Library Association.

One of Mr. Vilums' strongest assets was his knowledge of many foreign languages. He was fluent in Latvian, German, Russian, French, and Latin. While at Ohio State he was a faculty advisor to the Latvian Students Club.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in their loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Mary Ann Williams

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on November 5, 1991, of Mary Ann Williams, Associate Professor in the Department of Black Studies.

**RESOLUTIONS IN MEMORIAM (contd)**

Mary Ann Williams (contd)

Mary Ann Williams was born August 6, 1945, in Delaware, Ohio. She received her early training at Olentangy High School, her B.A. at Wilmington College in 1968, the M.A. at The Ohio State University in 1972, and her Ph.D. from the Union for Experimenting Colleges and Universities in Cincinnati in 1977. Dr. Williams was a poet, playwright, solo actress, and theatrical director. Her special interests included communications and related leadership challenges for women and other African-Americans, the social and political images of African-Americans in media, and dramatic literature.

She joined the faculty of the Department of Black Studies in 1972. Her genuine commitment and dedication to the Department and the University are particularly noteworthy. She served as a real inspiration to many students who were participants in her classes, plays, and poetry sessions. For ten years Dr. Williams was Coordinator of Broadcast Productions for the Department of Black Studies. She hosted and produced the weekly Emmy-nominated series "Afrotation" on WOSU-TV for six years, and moderated the weekly hour series "Black Studies Broadcast Journal" and weekly one-half hour "Black Studies Beat" on WOSU-AM radio. Included among her many guests were Alex Haley, Maya Angelou, Ruby Dee, and Mohammad Ali. Many programs were broadcast on National Public Radio.

In addition to her teaching at The Ohio State University, Dr. Williams served a brief term as Acting Associate Director of Admissions. Later, she served as Acting Chairperson of the Department of Black Studies during the 1986-1987 academic year before returning to her first love of teaching.

Dr. Williams was recognized for her outstanding service to the University and to the community. She received proclamations from the Ohio House of Representatives and the Ohio Senate for community service, contributions to education, and outstanding broadcasting. She was the recipient of the first annual Wilmington College Trustees Alumni Award. In 1983 she was selected as one of the ten best playwrights in the State of Ohio by the Ohio Arts Council and the Ohio Theatre Alliance Playwright's Workshop at Wittenberg University. In 1985 Dr. Williams was selected for Who's Who Among Black Americans.

She also received the Columbus Area Leadership Award from the Columbus Area Leadership Program where she served as president of the program's Board of Trustees in 1985. She was appointed to the Board of Trustees of Wilmington College in 1991. Other board memberships included the Community Health and Nursing Service, the YWCA, as well as a membership on the United Way of Columbus and Franklin County's Planning, Evaluation and Allocations Committee. She was a board member and co-founder of the minority-based Art for Community Expression, Inc., and past president of Women in Development at OSU.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in their loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Upon motion of Ms. Casto, seconded by Mr. Wexner, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

December 6, 1991 meeting, Board of Trustees

### **RESOLUTIONS IN MEMORIAM (contd)**

Mr. Teaford:

I might point out that several members of this Board had occasion to meet Mary Ann Williams when she was an intern in the President's Office. She was truly one of the great scholars and great artists of this University, and her passing at such an early age is a great loss to the University.

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### **STUDENT AFFAIRS COMMITTEE REPORT**

Mr. Tonnies:

The Student Affairs Committee heard a presentation this morning from Dr. Spillman and Dr. Forrest Smith on an overview of the University Health Service. The Health Service at The Ohio State University is one of the largest student health services in the country and is fully credited by the Joint Commission. The Health Service is a multi-speciality, out-patient health facility providing health care services primarily to the student population totaling approximately 100,000 visits annually. Services include the following clinics: medical, trauma, out-patient surgery, women's health, mental health, preventive medicine, dental, and occupational medicine.

There are also speciality clinics dealing with health care needs in the areas of dermatology, allergy, nutrition, and physical therapy. Consultative, diagnostic, and support services are available to provide additional patient care. These include: Radiology, Pharmacy, the Clinic Laboratory, and Nursing Services. Help for promotion activities centering on health and substance abuse have been recently initiated.

The Health Service is in a period of transition attempting to deal with the problems of health care delivery and diminish the cash deficient position. This has resulted in the tremendous loss of service to students over the past three years. Input has been obtained through program review and internal auditing. The reviews indicate a need for improved funding through a designated health fee similar to that utilized at other large institutions and universities. Accessibility and funding remain unresolved challenges as we continue to focus on our mission to enhance service to our student population.

Mr. Chairman, in that light we have a resolution today for vote and that is an authorization to change the name of the department from the University Health Service to the Student Health Service.

### **NAME CHANGE FOR UNIVERSITY HEALTH SERVICE**

Resolution No. 92-57

Synopsis: The Student Affairs Committee recommended changing the name of the department, "University Health Service" to "Student Health Service".

December 6, 1991 meeting, Board of Trustees

**NAME CHANGE FOR UNIVERSITY HEALTH SERVICE (contd)**

WHEREAS the Health Service was created in 1915 as the "Student Health Service." Several Board of Trustees actions in 1934 resulted in a change in the unit's title to the present one, "University Health Service." In 1969 the new/existing building was completed and was named the John W. Wilce Student Health Center, although the name of the department remained University Health Service; and

WHEREAS the mission of the University Health Service is to provide high quality, readily accessible, primary health care for the student population, to promote health and provide for disease prevention with a view toward enhancing educational pursuits and the quality of life for The Ohio State University student body:

NOW THEREFORE

BE IT RESOLVED, That in order to establish and designate the primacy of the University Health Service mission -- student health, it is recommended that the unit's title be changed to the "Student Health Service" to describe and identify the activity located in the John W. Wilce Student Health Center.

Upon motion of Mr. Celeste, seconded by Mr. Wexner, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

Mr. Tonnies:

We also had hoped to officially pass a resolution today regarding a change in the procedures and criteria for nominating students to serve on The Ohio State University Board of Trustees. The change would read, "Beginning in 1992 the students selected in even number years shall be a graduate or professional student and an undergraduate student will be chosen in odd numbered years". However, the resolution needs to be officially prepared and distributed to the Board members and we were not able to do this today.

The spirit of the change, however, was approved by the Student Affairs Committee and the Interprofessional Council. The Council of Graduate Students will begin the nomination process using the four stated criteria. Official Board action will occur during our February meeting at the Ohio Union, so that will be an appropriate place for it to be officially changed.

Mr. Tipton, President of the Council of Graduate Students, submitted a report on health benefits for Graduate Associates and Fellows. This report speaks of the concerns that graduate students have as the University studies the issues of health benefits and insurance in 1992. This report will be available to all the Board members.

Ms. Chen, President of the Undergraduate Student Government, submitted a report to the Committee which focused on the problems of diminished bus service and library hours. Dr. Spillman and Mr. Teaford spoke of the University's continued commitment to look into ways to minimize the impact such actions have on our students and on their educational environment.

Mr. Chairman, if there are no questions, this concludes my report.

December 6, 1991 meeting, Board of Trustees

### **STUDENT AFFAIRS COMMITTEE REPORT (contd)**

Mr. Teaford:

I would just say that -- absent of any objection from the Board -- it would be all right for the process described in that resolution to proceed. It will come to the Board in February.

Thank you, Mr. Tonnies.

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### **FISCAL AFFAIRS COMMITTEE REPORT**

Mr. Teaford:

I would like to call upon Ms. Achterman, Controller of the University, and Mr. Gaston, head of the audit group from Coopers & Lybrand, to report briefly on the audit meeting which we had yesterday.

Ms. Janet Achterman:

Thank you, Mr. Chairman. I have a twofold purpose in coming to you this morning. First of all, I do appreciate the opportunity to be able to present to you today the Audited Financials for the year ending June 30, 1991. You should have received these in a Board packet probably a week ago, along with the external audit report. We do have an unqualified opinion or clean opinion from our external audit firm, which means essentially that the financial statements are fairly presented and that there are no material weaknesses in our systems of internal control. I'd be happy to answer any questions that you might have about this document.

The second purpose today is to present an overview of the contents of the financial report, and the fiscal condition and results of operation for the University for the year ending June 30, 1991. You should have in front of you a gray document, which was presented yesterday to the Fiscal Affairs Committee. This document provides a comprehensive overview of the fiscal condition of the institution. I was asked to come before the full Board today and present a brief overview, which is the white document in front of you. We will be going over this very briefly.

In essence, the University ended fiscal year 1991 in a stable fiscal condition. Overall, the current funds, revenues, and expenditures broke even at a record \$1.2 billion each. One of the things that I believe is very important in reviewing the fiscal condition of any operation, but particularly one the size of The Ohio State University, is to take a look at trends. If you will turn to the graph entitled, "Trends and Current Funds Equity," this will show a ten-year look at the results of operation for the institution from 1982-1991. What you see for the current unrestricted fund group is that from fiscal year '82 through fiscal year '86, we had a significant build-up of current funds equity. This was followed by two years of planned use of those funds to meet departmental priorities such as capital improvements, debt service, and other operating costs and followed by two more years of upward movement. Fiscal '90 and the current year ending June 30, 1991, was a deliberate attempt to rebuild the fund equity to its current position. The current restricted funds from fiscal '82 through the present, have actually shown a steady increase in fund balance that parallels the Capital Campaign. Restricted funds are primarily the Endowment Fund. One of the

**FISCAL AFFAIRS COMMITTEE REPORT (contd)**

Ms. Achterman: (contd)

things that you will also note in the restricted fund group is a slight decline from fiscal '90 to fiscal '91, which was caused in some respects by the operations of the auxiliary funds.

The next graph shows trends and auxiliary funds equities. You can see over the past ten years a decline from fiscal '82 through fiscal '91, to its current negative position. This reflects the impact of increasing costs, contributions to the central funds of the University, as well as capital improvements and debt service for new facilities and renovations that have been undertaken by the auxiliaries. The three largest operations of auxiliaries are: the Residence Halls at a \$38 million operation; Athletics at a \$23.5 million operation; and Book Stores at a \$11.4 million operation.

As you can see, the Endowment Fund growth over the past ten years has been quite significant. Original gifts and additions to the endowment have more than doubled since fiscal year '82, and the market value has more than tripled to its current \$351 million.

Shown next is the endowment performance as we compare ourselves to the leading indicators over a ten-year average. The Ohio State University has averaged very close to the S&P 500. Our rate of return was 14 percent in comparison to the S&P 500 at 15.5 percent, the Shearson Bond Index at 12.9 percent, and the Consumer Price Index at 4.4 percent. So you can see that the University's conservative investments policy has yielded strong financial results for the institution.

The next highlight I would like to point out is our investment and plant. Our investment and plant has more than doubled in the past ten years to its current \$1.5 billion. Plant operation and maintenance expenditures have increased only 35 percent in that same period. What the graph shows is that in 1982 we spent 4.6 cents on plant operation and maintenance for every \$1.00 of investment and plant. Whereas for the year ended June 30, 1991, we're spending only 3 cents on plant operations and maintenance for every one dollar of our investment and plant. This is not something unique to The Ohio State University. This is something that reflects a national trend that is occurring on college campuses and it's something that we recognize and we'll need to address in the future.

Ms. Casto:

Is it because we should be spending more and the plants are starting to deteriorate or is it just efficiency?

Ms. Achterman:

I would like to turn to Mr. Nichols to comment as well, but I believe it's because we are spending actually fewer dollars to maintain our physical facilities.

**FISCAL AFFAIRS COMMITTEE REPORT (contd)**

Mr. Nichols:

We are indeed spending substantially fewer dollars to maintain our facilities. The facility's budget has taken substantial reductions through the decade of the '80's, as we add the various cut backs from year to year. So each time there were reallocations or cost transfers, Physical Facilities suffered.

Ms. Achterman:

I would like to conclude with a few comments on the overview of fiscal year 1991. Essentially, as you know, current funds have broken even, we are on a fiscally stable balance from that perspective. Our auxiliaries have struggled during fiscal '91 and continue to struggle this year.

For fiscal '92, our aging facilities are going to need more attention and we see that in the foreseeable future. Also in fiscal '92, which is the current year that we're in, the Early Retirement Program will cost an estimated \$30 million out of our current funds. That represents an estimated 600 early retirees to the institution. We also believe that spending and hiring controls will continue to be needed this fiscal year and next. And further internal reallocations will be likely, depending primarily on state resources -- if state resources are further cut. In the long term, I would like to say that the financial condition of the University is stable, but we do have some challenges that face us.

That was a very brief overview of a \$1.5 billion operation. I would like to encourage the Board to read the full context of the report that was presented to the Fiscal Affairs Committee. I would be happy to answer any questions either now or after you've had an opportunity to read through the final report. Mr. Chairman, that concludes my formal comments.

Mr. Teaford:

Thank you, Ms. Achterman. I, too, would commend you on this document. I think in terms of making the kinds of overall decisions which the Board is charged with, this is a very useful document, and we appreciate you're having developed that. Further, having been at the meeting yesterday and in further response to Ms. Casto's question on the reduction in the maintenance budget, while there have been efficiencies it is not due to efficiencies. It is because we have chosen to spend probably less than we should in terms of maintenance of our buildings. And I think it is a serious question that is going to have to be addressed.

I would now like to introduce Mark Hilligoss, Internal Auditor for the University.

Mr. Mark Hilligoss:

I just have a few comments regarding the audit process. The internal audit department coordinates the external audit for the University by acting as liaison through University departments involved, and in assisting the external auditors with information requests in order to bring the entire process to a successful closure. Through a concerted effort by all involved, we have reduced the time required to bring financial statements and management reports to the Board by nearly three months. We hope that this trend will continue and we expect that it will.

December 6, 1991 meeting, Board of Trustees

### **FISCAL AFFAIRS COMMITTEE REPORT (contd)**

Mr. Hilligoss: (contd)

Coopers & Lybrand are the successor auditors to Deloitte & Touche, who we had for the last five years. They are in their first year of a five-year contract. Previously, Coopers had audited the University between 1981 and 1985, so they are on a return visit and are somewhat familiar with us. In addition to Coopers & Lybrand, we have two minority subcontractors who participate in the audit. This report does set out the audit scope and organization and responsibilities of the minority subcontractors, as well as the prime contractor.

During the course of the audit, certain observations and recommendations are made by external auditors as they review the effectiveness of the University's management controls. We work with the management to gather responses to recommendations, and many less significant points are reviewed with management during the audit and are adequately resolved, implemented, or otherwise settled. Only the more significant findings are presented in the final report.

I will now ask Dave Gaston to review and summarize the points made to the Committee yesterday.

Mr. Dave Gaston:

Good morning. On a personal basis, as a graduate of this University, and on a professional basis, representing our firm this morning, I want to say that Coopers & Lybrand is very pleased to be back with The Ohio State University and working with you as your external auditors. At the risk of sounding as though it is auditors auditing auditors, but in the hope of cutting through the red tape, I'd like to give you an overview of some of the things that we've been involved with and, in particular, the four recommendations that we have made to the Fiscal Affairs Committee. Since returning to the campus after five years, I think it gives us a unique position to see the progress that's been made in the internal reporting process and the fiscal affairs of the University.

We were referring a moment ago to the actual financial statements of the University in our report, the clean opinion that went there, too. I believe this is the earliest that the Trustees have seen financial information, the year end figures if you will, for the University, in certainly the past eleven years. As I say, it gives us a unique position to see both the progress and also to view the goals that have been established, and working toward those goals that the Controller's department has established, and progress that certainly has been made.

Although this is a formidable document, there are some 70 pages here, two-thirds of it is appendix and information for your use at your leisure. However, the first twenty-five pages do contain the overview of the audit process and certain required communications for an audit committee or the overview of the financial affairs of the University. I would tell you that in respect to those issues, we had no exceptions to report and certainly no disagreements with management.

**FISCAL AFFAIRS COMMITTEE REPORT (contd)**

Mr. Gaston: (contd)

In addition to the annual financial statements of the University, we produced other reports. We produced two reports which are really in compliance with the laws of the State of Ohio. Again, there are no major exceptions to point out from those particular reports and they are included in the appendix that you will have. We also give you a report on the internal control structure of the University and, again, there are no material weaknesses in that internal control structure for the reporting financial information to you.

I did indicate that there were four specific recommendations that we did bring to the Committee's attention and certainly on to the Board. Let me briefly state those recommendations and keep in mind that they are not in any order of priority. One recommendation is to the more timely financial reporting process and the completeness of information that the University does receive to make decisions. Also, compliance with the State of Ohio laws which will require earlier financial information from all colleges and universities in order to be combined with the State's financial statement itself in the next couple of years. We've made three specific recommendations as to how that process can be improved and we shared those with the Committee.

The second overview and specific recommendation was about the information technology environment that surrounds the computerization of many areas of the University's activities. We made certain points as to the lack of communication between the various data bases that exist on the campus and ways that that may be addressed by the administration.

The third recommendation was on the improvement of reporting sick leave and vacation time for employees of the University.

The fourth recommendation is how the University deals with its reporting and responding to taxing authorities, that being state, local, as well as, federal. Although at times we think of ourselves as a tax exempt organization, we found in the last tax examination by the Internal Revenue Service that it is a significant area. And as recently as this week there was a Wall Street Journal article on the Internal Revenue Service trying to tax things such as the sponsor fees at bowl games. It clearly is an area of initiative by the Internal Revenue Service and we've suggested a consolidation of the University's responses to those kind of initiatives.

Mr. Teaford:

Thank you, Mr. Gaston. I also want to point out why we switch auditors and that is because the State does limit auditors from being with any state institution for longer than five years. And so that's why we've made the switches. I also want to mention that Parm's & Co., Inc., and M & J, Manoranjan and Jayanthan Inc., are the two minority firms which have assisted in this audit.

Finally, as one is required to do, we did throw all of the University people out of the room to speak to the auditor directly. I specifically asked Mr. Gaston if I put his back to the wall and insisted on a negative comment about anyone with which he had dealt, what would it be? He said even under that circumstance he could not come up with any negative comments, which is a great compliment to our staff and a great comfort, I might say, to the Board. I thank you for your work and your reports.

December 6, 1991 meeting, Board of Trustees

**ACCEPTANCE OF THE REPORT OF AUDIT  
RECOMMENDATIONS AND RESPONSES FOR 1990-91**

Resolution No. 92-58

Synopsis: The Fiscal Affairs Committee recommended acceptance of the Report of Audit Recommendations and Responses for fiscal year 1990-91.

WHEREAS in April 1991, with the approval of the Auditor of State, The Ohio State University entered into a five-year agreement with Coopers & Lybrand for an annual audit of the University for fiscal years 1990-91 through 1994-95; and

WHEREAS the Coopers & Lybrand audit of the University for 1990-91, meeting the requirements of the Auditor of State, has been received and the accounts, records, files, and reports of the University have been found to be in satisfactory condition, but certain recommendations have been included in the audit report; and

WHEREAS the auditors' recommendations have been studied by the appropriate University offices, and procedures and responses have been developed as a result of the recommendations:

NOW THEREFORE

BE IT RESOLVED, That the report of the Coopers & Lybrand audit for The Ohio State University for 1990-91 (including the report on the audit of the University's financial statements; the report on the internal control structure; the summary letter to the Board of Trustees; the management letters of recommendations for the University and, separately, the University Hospitals and WOSU Stations; and the Ohio Revised Code compliance letter) and the management responses to the recommendations be accepted.

Upon motion of Mr. Wexner, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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December 6, 1991 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS**

Resolution No. 92-59

ROBINSON LABORATORY - CENTRIFUGAL CHILLER REPLACEMENT;  
SCOTT HALL - STRUCTURAL SYSTEM IMPROVEMENTS;  
OARDC - WOOSTER CAMPUS WATER SYSTEM IMPROVEMENTS, PHASE I;  
UNIVERSITY AIRPORT RENOVATION - 1991;  
EVANS LABORATORY RENOVATION - BERLINGER RESEARCH; and  
NEW NEUROPSYCHIATRIC FACILITY

Synopsis: Approval of the Report of Award of Contracts and the Establishment of Contingency Funds for the listed projects is recommended.

WHEREAS resolutions adopted by the Board of Trustees on October 5, 1990, March 1, 1991, May 3, 1991, and July 12, 1991 authorized the President and/or Vice President for Business and Administration to request construction bids in accordance with established University procedures, and if satisfactory bids were received to award contracts for the following projects: Robinson Laboratory - Centrifugal Chiller Replacement, Scott Hall - Structural System Improvements, OARDC - Wooster Campus Water System Improvements - Phase I, University Airport Renovation - 1991, Evans Laboratory Renovation - Berlinger Research, and New Neuropsychiatric Facility:

NOW THEREFORE

BE IT RESOLVED, That pursuant to the actions previously authorized by the Board, the Report of Award of Contracts and Establishment of Contingency funds for these projects is hereby approved.

Upon motion of Mr. Barone, seconded by Mr. Wexner, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix XXXXV for background material and tabulation of bids, page 765.)

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**LEASE OF REAL PROPERTY**

Resolution No. 92-60

2416 COMMONWEALTH PARK DRIVE NORTH  
BEXLEY, OHIO

Synopsis: Lease of improved real property at 2416 Commonwealth Park Drive North in Bexley, Ohio is proposed.

WHEREAS The Ohio State University Foundation owns the improved real property located at 2416 Commonwealth Park Drive North in Bexley, Ohio, which property the Foundation purchased in August 1990 for the benefit of The Ohio State University; and

December 6, 1991 meeting, Board of Trustees

**LEASE OF REAL PROPERTY (contd)**

2416 COMMONWEALTH PARK DRIVE NORTH  
BEXLEY, OHIO (contd)

WHEREAS the Foundation desires to lease this property to the University for purposes supporting and benefiting the University including general business and promotional activities, entertaining guests and supporters of the University and the use of such portion of the property as may from time to time be deemed appropriate by the University for the residence of the President of the University; and

WHEREAS under the proposed lease, the term shall be for so long as the University uses the property as specified above, with rent for the entire term being \$1.00, with the Foundation and the University each having the right to cancel upon adequate written notice, and with the University being responsible for utilities and any necessary maintenance, repairs, and improvements; and

WHEREAS the appropriate University offices have determined that the lease of this property from the Foundation is in the best interests of the University:

NOW THEREFORE

BE IT RESOLVED, That the Acting Vice President for Business and Administration be authorized, in the name of the Board of Trustees of The Ohio State University, to lease the property at 2416 Commonwealth Park Drive North in Bexley, Ohio, from The Ohio State University Foundation, in accordance with the terms outlined above and upon such other terms and conditions as are deemed to be in the best interest of the University.

Upon motion of Mr. Barone, seconded by Mr. Celeste, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**PURCHASE OF REAL PROPERTY**

Resolution No. 92-61

1275 KINNEAR ROAD  
COLUMBUS, OHIO

Synopsis: Authorization to purchase approximately 11.5 acres of improved real property located at 1275 Kinnear Road in Columbus, Ohio, is proposed.

WHEREAS the University needs additional multi-use office and warehouse facilities for current and future academic, research, and support programs; and

WHEREAS the Simmons Company has offered to sell to the University the property located at 1275 Kinnear Road at a price of \$2,250,000.00, and this property has an appraised value of \$2,765,000.00; and

WHEREAS a condition of the sale is that the Simmons Company remove asbestos, consistent with the University's Environmental Audit report, from the property prior to closing; and

December 6, 1991 meeting, Board of Trustees

**PURCHASE OF REAL PROPERTY (contd)**

1275 KINNEAR ROAD  
COLUMBUS, OHIO (contd)

WHEREAS initial financing for this purchase will be provided through auxiliary enterprise funds administered by the Property Management Division of Business and Administration and it is anticipated that this interim financing would be reimbursed from University bond proceeds; and

WHEREAS the appropriate University offices have determined that the purchase of this property is in the best interest of the University:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Acting Vice President for Business and Administration be authorized to purchase, in the name of the State of Ohio for the use of The Ohio State University, the improved real property located at 1275 Kinnear Road in Columbus, Ohio, at a price not to exceed \$2,250,000.00, upon such terms and conditions as are deemed to be in the best interest of the University, subject to the University receiving the necessary approvals from the Ohio Board of Regents and the State Controlling Board.

Upon motion of Mr. Barone, seconded by Mr. Celeste, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix XXXXVI for background and map, page 781.)

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**PURCHASE OF REAL PROPERTY**

Resolution No. 92-62

1339 MT. VERNON AVENUE  
MARION, OHIO

Synopsis: Authorization to purchase the improved real property located at 1339 Mt. Vernon Avenue in Marion, Ohio, is proposed.

WHEREAS The Ohio State University Marion Campus has a need for a laboratory facility for the Early Childhood Certification Program and for improved daycare facilities; and

WHEREAS the University has been presented with the opportunity to purchase, from McDonald's, the restaurant property located at 1339 Mt. Vernon Avenue in Marion at a price not to exceed \$250,000.00 in addition to granting McDonald's appropriate gift credit for the remainder of the appraised value, and the appraised value of this property is \$275,000.00 to \$285,000.00; and

WHEREAS the acquisition of this property is in accord with the long-range development plan for the Marion Campus and the appropriate University offices have determined that the purchase of this property is in the best interest of the University; and

WHEREAS funds for the purchase, renovation, and operation of the property to house the Early Childhood Certification Program and daycare facilities will be provided by the Marion Campus:

December 6, 1991 meeting, Board of Trustees

**PURCHASE OF REAL PROPERTY (contd)**

1339 MT. VERNON AVENUE  
MARION, OHIO (contd)

NOW THEREFORE

BE IT RESOLVED, That the President and/or Acting Vice President for Business and Administration be authorized to purchase, in the name of the State of Ohio for the use of The Ohio State University, the improved real property located at 1339 Mt. Vernon Avenue in Marion, Ohio, at a price not to exceed \$250,000.00 and the granting of appropriate gift credit for the remainder of the appraised value as a gift to the University through The Ohio State University Development Fund, upon such terms and conditions as are deemed to be in the best interest of the University, subject to the University receiving the necessary approvals from the Ohio Board of Regents and the State Controlling Board.

Upon motion of Mr. Celeste, seconded by Ms. Casto, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix XXXXVII for background and map, page 785.)

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**PURCHASE OF REAL PROPERTY**

Resolution No. 92-63

5228 SAWMILL ROAD  
DUBLIN, OHIO

Synopsis: Authorization to purchase the improved real property located at 5228 Sawmill Road in Dublin, Ohio, is proposed.

WHEREAS The Ohio State University has a need to acquire the property at 5228 Sawmill Road in Dublin, Ohio, to protect the clear zone safety area and approach corridor for runway 9R at the University Airport at Don Scott Field; and

WHEREAS the appraised value of this property is \$140,000.00 to \$150,000.00 and the owner, Mrs. Walter S. Umbstaetter, has accepted an offer from the University to sell this property to the University at a price of \$140,000.00 and a life tenancy in the property; and

WHEREAS acquisition of this property is in accordance with the University Airport Master Plan and the appropriate University offices have determined that purchase of this property is in the best interest of the University:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Acting Vice President for Business and Administration be authorized to purchase, in the name of the State of Ohio for the use of The Ohio State University, the improved real property located at 5228 Sawmill Road at a price not to exceed \$140,000.00 plus a life tenancy for the owner, Mrs. Walter S. Umbstaetter, upon such terms and conditions as are deemed to be in the best interest of the University, subject to the University receiving the necessary approvals from the Federal Aviation Administration, the Ohio Board of Regents, and State Controlling Board.

December 6, 1991 meeting, Board of Trustees

**PURCHASE OF REAL PROPERTY (contd)**

5228 SAWMILL ROAD  
DUBLIN, OHIO (contd)

Upon motion of Mr. Barone, seconded by Ms. Casto, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix XXXXVIII for background and map, page 789.)

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**RENEWAL OF EASEMENT  
COLUMBIA GAS OF OHIO, INC.**

Resolution No. 92-64

DON SCOTT FIELD

Synopsis: Authorization to renew an easement for gas service to Columbia Gas of Ohio, Inc., on University property located on the south side of Dublin-Granville Road is proposed.

WHEREAS in 1965 The Ohio State University granted to Columbia Gas of Ohio, Inc., a 25-year easement consisting of a strip of land ten feet in width and approximately 373 feet in length to supply gas service to the Ohio National Guard Armory; and

WHEREAS this easement expired on June 15, 1990, and Columbia Gas of Ohio, Inc., requested a renewal for a 15-year period; and

WHEREAS the gas service will serve private property, and Columbia Gas of Ohio, Inc., will compensate the University with a lump sum payment of \$6,289.00 in consideration of the granting of the renewal of this easement; and

WHEREAS the appropriate University offices have recommended the approval of this easement:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Acting Vice President for Business and Administration be authorized to request the Deputy Director of Public Works of the Department of Administrative Services, pursuant to his statutory duties, to act for and on behalf of the University in developing the necessary legal instruments to provide for this easement.

Upon motion of Mr. Kessler, seconded by Mr. Celeste, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix XXXXIX for map, page 793.)

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**AUTHORIZATION OF MASTER LEASE**

Resolution No. 92-65

Synopsis: Authorization to enter into a Master Lease Agreement for the purpose of leasing equipment with an aggregate cost of approximately \$2 million for use by various departments of the University, is proposed.

WHEREAS the Office of the Treasurer and the Purchasing Department have concluded that tax-exempt leasing by The Ohio State University is an advantageous form of financing the acquisition of certain equipment for use by various departments of the University; and

WHEREAS the Office of the Treasurer desires to propose cost effective options for the leasing of equipment by various departments of the University; and

WHEREAS the Office of the Treasurer and the Purchasing Department have heretofore issued to leasing companies and other financial institutions Requests for Proposal with respect to such leasing program; and

WHEREAS to carry out the foregoing purposes, the University has selected Society Equipment Leasing Company (the "Lessor"), Cleveland, Ohio, and has negotiated a Master Lease Agreement dated as of December 1, 1991, with said Lessor providing for acquisition and use under the Master Lease Agreement of various computer equipment:

**NOW THEREFORE**

BE IT RESOLVED, That the Acting Vice President for Business and Administration and Treasurer be, and he hereby is, authorized and directed to enter into a Master Lease Agreement dated as of December 1, 1991, by and between the aforesaid Lessor and this University and, in consultation with legal counsel, to execute and deliver such other certificates, instruments and other documents, as are necessary or desirable to carry out the tax-exempt leasing program for the equipment mentioned above in an amount not to exceed \$2 million during the term of said Master Lease Agreement. This resolution shall take effect and be in force immediately upon its adoption.

Upon motion of Mr. Kessler, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

Mr. Nichols:

The ability to enter into this type of lease is a relatively recent one, in terms of higher education; it is tax exempt. Of the first \$2 million, we are going to use approximately \$1.6 million involving the new mainframe computer at the Hospitals. It will be a 5-year term, with a fixed interest rate of 5.42 percent. It will function, essentially, as a line of credit to be drawn down with no fees involved if you do not use the line.

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December 6, 1991 meeting, Board of Trustees

**APPOINTMENT TO THE BOARD OF DIRECTORS OF  
THE OHIO STATE UNIVERSITY MANAGED HEALTH CARE SYSTEMS, INC.**

Resolution No. 92-66

Synopsis: Appointment of a member of the Board of Trustees to the Board of Directors of The Ohio State University Managed Health Care Systems, Inc., is proposed.

WHEREAS by resolutions adopted on May 3 and November 1, 1991, the Board of Trustees of The Ohio State University authorized the formation of The Ohio State University Managed Health Care Systems, Inc., approved the Articles of Incorporation and Code of Regulations for the Corporation, and authorized immunity, insurance, representation, and indemnification for University Trustees, officers, and employees who serve as Directors, officers, employees, or agents of the Corporation; and

WHEREAS The Ohio State University Managed Health Care Systems, Inc., was incorporated on November 25, 1991; and

WHEREAS one member of the Board of Directors of the Corporation is to be a member of this Board elected annually by this Board:

NOW THEREFORE

BE IT RESOLVED, That Theodore S. Celeste is hereby appointed as a Director of The Ohio State University Managed Health Care Systems, Inc., for 1991-92.

Upon motion of Mr. Barone, seconded by Ms. Casto, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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Thereupon the Board adjourned to meet Friday, February 7, 1992, at The Ohio State University Ohio Union, Columbus, Ohio.

Attest:

Madison H. Scott  
Secretary

Hamilton J. Teaford  
Chairman

THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND TWO HUNDRED AND SEVENTY-NINTH MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, February 7, 1992

The Board of Trustees met at its regular monthly meeting on Friday, February 7, 1992, at The Ohio State University Ohio Union, Columbus, Ohio, pursuant to adjournment.

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Minutes of the last meeting were approved.

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February 7, 1992 meeting, Board of Trustees

The Chairman, Mr. Teaford, called the meeting of the Board of Trustees to order on February 7, 1992, at 10:30 a.m. He requested the Secretary to call the roll.

Present: Hamilton J. Teaford, Chairman, John J. Barone, Deborah E. Casto, John W. Kessler, Milton A. Wolf, Leslie H. Wexner, Alex Shumate, Theodore S. Celeste, Michael F. Colley, David A. Tonnies, and Kristen Cusack.

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## **PRESIDENT'S REPORT**

President Gee:

I would note, and particularly to those in the room, that this is an interesting place to meet -- instead of our usual tea and coffee, we can have a Board meeting with Biggie Fries and Biggie Drink! The Ohio Union is an important center of activity for our students -- from a dance to a career fair, from the bank machine to Chinese food, a variety of activities and services are found here. You might not be aware that Ohio State's first student union, now Enarson Hall, was the first of its kind to be established in any state university in this country, built in 1909. This particular building was dedicated in 1951.

On today's Board agenda is authorization for a feasibility study of a student affairs facilities complex. Providing appropriate space for students, faculty, and staff to participate in programs, enjoy services, or simply to informally interact is very important to building a stronger sense of community on the campus, and an even greater spirit of loyalty beyond graduation.

In the past month, I have met hundreds of friends of the University, from Florida to New York to Cincinnati. In every case, I continue to find enthusiasm for Ohio State and a recommitment to support for our outstanding programs.

This spirit was made evident last month when the College of Human Ecology announced the successful completion of their campaign to build two additions on Campbell Hall. In fact, they exceeded their goal of \$1.5 million dollars! This success is due in large measure to the outstanding leadership of the outgoing Dean in the College of Human Ecology, Lena Bailey -- she is one of Ohio State's truly great citizens.

Ohio State has been in the news as the only site in the country to test an experimental anti-lupus drug. We also have received attention for the development of a disease-resistant strain of elm trees. I mention these two examples as a reflection of the breadth of our continuing contributions to the citizens of this State.

I would be remiss if I did not acknowledge that with the expiration of the early retirement offering, we will be bidding farewell to a number of outstanding persons this month. While there are too many to list, I do want to mention a few individuals as representative of the exceptional service that our new retirees have rendered to Ohio State.

Joining the ranks of the retired are: Former Dean William Wallace of the College of Dentistry; Former Engineering Dean and Vice President Don Glower; Associate Provost David Boyne; Dino Pezzutti, Director of our Telecommunications Network Center -- the phone system as we affectionately call it; History Professor and Associate Dean of Humanities, Marvin Zahniser; Michael Frederich, in charge of the high voltage crew in Physical Facilities; Paul Hill, who has been with University Systems since before it was a "system"; Assistant Dean of Arts and Sciences, Don Good, who worked so diligently on the new curriculum; and June Hodapp, an assistant in the Athletic Ticket Office, who got more irate telephone calls than I ever did! We appreciate the work of each of our retiring colleagues.

**PRESIDENT'S REPORT (contd)**

President Gee: (contd)

And even as we say goodbye to some, we welcome to this University Ms. Linda Tom, Vice President for Human Resources and Relations. She brings to us outstanding experience and exceptional skills.

Like the members of this Board, I, too, am very enthusiastic and interested to hear the comments of the students in today's Open Forum. I have resumed again my "Student Night" visits around campus, and hear from students a variety of opinions and observations. Students share with us a serious concern about funding -- theirs and ours. I hear their disappointment at the reduction in bus service. Of course, we have protected our highest priorities in transportation services -- assisting disabled students, access to more remote locations, and night service as a public safety measure.

Students are very concerned about closed courses. You will hear a report today from our Provost and the Office of Academic Affairs regarding unmet course demands. Be assured that we are putting our best creative energies into solving these issues. From on-line registration by telephone, to the allocation of classroom space, the issue of course offerings is a complex one, but one we must address. And one made more difficult in this particular time of budget constraints. As you will hear shortly, we are making this issue a very high priority, and are providing some short-term relief at high pressure points by devoting one-time monies, saved in the delay of a utility rate hike, to addressing this problem for spring quarter. Students and their families are very concerned about tuition. I want to emphasize that we made the decision not to raise tuition now, mid-year. Although the state changed the ground rules on us, we will not do the same to the students during this year. And we remain mindful of the importance of protecting access and financial opportunity for a higher education for all of our citizens.

I want to close by complimenting the presidents of the three student government organizations for their outspoken and indeed outstanding leadership in advocating support for higher education by our elected officials. Together, students, faculty, staff -- all of us -- must do a better job of communicating to the people of this State the value -- and value added -- of one of America's great universities. With that Mr. Chairman, I turn the time back to you.

Mr. Teaford:

Mr. Chairman, before the Open Forum I want everyone to know that last night you won an award for your advertising portrayals in commercials on behalf of the University. This is one of the "Addie" awards that you won from the local marketing group.

President Gee:

I have always wanted one of those. I want to thank my mother and my father!

Mr. Teaford:

This is one of the ways we are cutting back, Mr. President. We aren't having to hire professionals to do our ads, because we have you instead.

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## STUDENT OPEN FORUM

Ms. Cusack:

Good morning. David Tonnie and I, as your student trustees, are glad that you could attend today and share your opinions with the Board of Trustees. David and I are only two people and feel that we do our best to represent all of you. This is a golden opportunity to directly state your views to the full Board of Trustees. They want to know what you think.

This forum is intended to be an exchange of ideas. Due to the time constraints it is not a question/answer session. We would like the Board to have an opportunity to hear as many ideas as possible. To this end, please limit your discussion to one topic per person. To further expedite the forum, we have asked students to sign up prior to being seated. Chairman Teaford will go straight through the list and call out your name. When your name is called please speak into the microphone and state your name, hometown, major, and year in school. Please be considerate to your fellow students and honor the two-minute time limit so as many people as possible will have the opportunity to speak. As this is a student forum, only current OSU students are asked to speak.

Thank you, again, for attending.

Mr. Teaford:

Thank you, Ms. Cusack. We will call first upon Shelton Beasley.

Mr. Shelton Beasley:

Good morning, Mr. Chairman, Board of Trustees members, President Gee and everyone else behind me. The issue I'd like to address is the course offerings issue which was just brought up. I would like to just describe my case as an example of what I think is going on with a great many students right here at the University.

When I started here fall quarter I had fifty credit hours to complete. Theoretically, if I went two quarters with fifteen credit hours and one quarter with possibly twenty or an increased number, I could graduate by the end of spring. But due to the class offerings, I can't get the classes that I need. I accepted that and deferred my graduation until summer.

Meeting with my advisor, Ms. Shelia Jolla in the College of Arts and Science, we sat down and tried to come up with a schedule so I could file my application for graduation and go ahead and go through the necessary procedures to graduate. Even though my graduation was deferred until summer, I still can't get the classes I need or I may not be able to get them. Departments are putting classes up, taking them off, putting them up, taking them off. I don't know what tomorrow brings, and I can't focus fully on my school work. And I felt so strongly about it that I felt that it was necessary for me to bring this up.

What I'm trying to say is that, basically, students shouldn't be forced to have to deal with the situation where classes aren't being offered and have to worry about will they be in school next quarter, when will they graduate, and things like that. Students should just have concentrate on class work and getting through classes and so forth. This whole thing about dealing with classes is something that is thrown into the middle and is taking away time that I could invest in my studies and job search or going to graduate school. And I think after investing five years in The Ohio State University and the state education system as a whole that it's just not right. It's not fair, and something should be done about it.

February 7, 1992 meeting, Board of Trustees

Like I said, it affects me and it also affects other students. I'm a minority scholar from the Office of Minority Affairs. The money that I'll be using possibly Spring and Summer Quarters and maybe in the following Fall Quarter, could be better suited towards bringing another minority student into the University and having that student get the full use of the University's facilities. You are wasting it on me by not letting me graduate. That's all I would like to say.

Mr. Teaford:

And I would note that the next order of business will be a discussion of that very topic by Dr. Hutchinson, so that's one I'm happy to say we are somewhat aware of. Next, Tim DeHart.

Mr. Tim DeHart:

Good morning. My name is Tim DeHart and I'm a senior from Franklin, Ohio, majoring in advertising. I hope that I can aspire to be like Dr. Gee and win a Addie someday.

I'm here to talk about traditional campus activities. I was the chairperson of the Homecoming Committee this past fall and am currently the chairperson of Parents Weekend, and also a member of the Student Events Committee. We are having difficulty planning these traditional-type activities. And if we want, as an institution, to make these activities important then we need to find some way that we can say that these are special activities and to make the path in planning these activities a little easier.

We have administrators that when we want to do different type of events such as bring a pep rally in, they tell us no. Instead, we need to figure out ways to say how we can do it differently and come up with creative ways to do it. Because these activities are the very activities that are going to foster the community and make the University more of a community for the students, they are very important. They can be excellent public relations tools for the University to market.

For Homecoming we were on the news every night during homecoming week, and it sends a message to the community. So we need to in some way say that these are important activities so that we can help the students. Because right now I'm having difficulty finding a replacement for me for Homecoming. But it's not because students don't want to do it, it's because it's such an undertaking. So if we want to keep these activities, we need to figure out how to make it easier for the students to plan. Thank you.

Mr. Teaford:

Thank you, Mr. DeHart.

Dr. Gee:

Tim, thank you very much. As you know, Dr. Spillman and others are working very hard on making our activities "student-friendly." Mr. Chairman, there is a lot of talk about how we're going to be able to do that. But I might point out that Tim and the students that have worked with him have done an absolute remarkable job. Those that attended Homecoming this year know that it was a real undertaking and one that was student initiated. It is that sense of community that we really do appreciate Tim.

February 7, 1992 meeting, Board of Trustees

Mr. Teaford:

And having judged both the Homecoming Court and the Gordon Gee look-a-like contest, Mr. President, I can attest to that as well.

President Gee:

I was real irritated when I came in third place in that contest.

Mr. Teaford:

I now call upon Mr. Conte.

Mr. Marc Conte:

Good morning, my name is Marc Conte. I am a senior majoring in Communications from Seven Hills, Ohio. I represent the Bisexual, Gay, and Lesbian Alliance here at Ohio State.

As an openly gay man, I face many forms of oppression at Ohio State. I have people ignore me when I come out, I suffer verbal insults, and of course a potential gay basher is always lurking around the corner. These are issues that are very hard to deal with directly.

One issue however that needs to be acted on immediately is that of ROTC discrimination. The Reserve Officer Training Core program specifically excludes gays, lesbians, and bisexuals which is a direct violation of the University's non-discrimination policy. Should Ohio State take action to retain their integrity, other universities across the country would surely follow their example.

Now, President Gee has stated that he disagrees with the policy, but refuses to do anything but write letters of protest. He has told us to lobby Washington, and we have tried that for two years now, as best we could while still living in Columbus. It is now time for immediate action to end this discrimination. Just last year the University began a promotional campaign, of sorts, that highlighted its commitment to fighting discrimination and its promotion of affirmative action. And how can anyone, any person of color, any woman, or anyone of a religious minority, let alone someone who is gay, lesbian, or bisexual feel safe on this campus while the ROTC discrimination continues. That is all that I have to say, thank you.

Mr. Teaford:

Thank you, Mr. Conte. I just want to say that while I will not be responding to these, the people surrounding us are all charged to look at all of the issues that you raise to us today. So we will get back at a later time on all of these things. Thank you. Ellen Bouton --

Ms. Ellen Bouton:

I am passing around some brochures. My name is Ellen Bouton, I am a senior in Agricultural Communication and Agricultural Economics from Mt. Vernon. I represent an organization called the Student Alumni Council and we provide services to students in the past, present, and future. Our main focus is on students, present Buckeyes, that are here attending The Ohio State University.

February 7, 1992 meeting, Board of Trustees

I find, and a lot of other students find, that we are just a number here, whether anybody wants to believe it or not, and our organization wants to make students feel welcome. We do anything from welcoming new freshman to campus with a bunch of balloons, to sending our seniors off with a picnic the day of commencement practice. We also try to link-up students with alumni through different programs called the Extern Program, which is short-term shadow to a new program called Dinner for Twelve Strangers. We put students, faculty, and alumni together for an evening, for dinner just to get to know each other so that students feel a little bit more welcomed and that they know people on campus and it gives them an opportunity to meet people in their field.

I really don't have an issue, I just wanted to let you know that there are some of us out there that care about students and we welcome you to the Union where most of us live. Thank you.

Mr. Teaford:

Thank you, Ms. Bouton. We appreciate what you are doing. Julie Knight --

Ms. Julie Knight:

Good morning all. Cecile Bishara, managing editor of the Makio yearbook, Steve Casburn, who is academic editor and student advisory board member, and myself, Julie Knight, as student advisory board member, would like to come before you to talk about an issue for the Makio.

We are a tradition at Ohio State, a long-standing tradition since 1880. We are now a tradition in peril. We have been fighting the past few years to create an awareness at this University. It is a very large University, so it is very understandable that we have this difficulty, but we are finding that many people do not know that we exist. Our small staff of volunteer students has worked very, very hard and has made super-human efforts, I believe, to solve our marketing and our PR problems. But we have decided and come to the conclusion that we need more than just our staff's help, we need the University's support.

We are painfully aware of the financial economic situation in our community and in the nation, so we do not come to ask you for large financial gifts. What we do ask for is your support through some very specific things by allowing us to make student population aware through the registration process and through student orientations that are held for incoming freshman each summer. That way they can at least be aware that we have a book. We are discovering -- we are getting phone calls after people graduate saying, "I did not know there was a book and I would like to order one." As well as alumni calling up and saying, "Do you have a 1964 book? Do you have a 1940 book that we can purchase from you?" As well as the person that just walks in the door to our office and says, "I need some information from 1933, can I look at your book?"

So we are a written record of this University and we are a record at risk. We believe that we have an importance here and we would like some support with that. Thank you, very much.

President Gee:

Just a question, we don't want to spend a lot of time because we can talk about it afterward, have you already explored that with --

February 7, 1992 meeting, Board of Trustees

Ms. Knight:

We have begun to explore it with Dean Hollingsworth and with --

President Gee:

You haven't found resistance -- what you are saying is that you just hope that people would be supportive of that.

Ms. Knight:

That is correct. We've already received some support and we are very happy that that has happened.

President Gee:

Ok, thank you.

Mr. Teaford:

Thank you, Julie. Next, we will hear from John Spry.

Mr. John Spry:

Hello my name is John Spry, I am a junior in economics and math, and I am from Tipp City, Ohio. I would like to speak about what I think the University should be all about and that is academic inquiry, academic freedom, and the pursuit of knowledge. And I see problems with this at Ohio State. I guess the label to this problem is political correctness.

The specific issue is that the University is funding political groups that are taking only one side of two very important topics that should be debated. That is should there be restrictions on abortion, and should there be restrictions on homosexual activity. And the Office of Women Student Services, and you will here more about this today, is taking a very, what is called, "pro-choice" position. I don't think that is the role of the University to be taking a blatantly political position with State money and people's tuition money.

Also, as you have heard, there is a new Gay, Lesbian, and Bisexual Student Services group which is taking one side only. The other side doesn't get funding. As far as the students' groups they are fine. There are student groups that are on both sides of these issues. But I don't think that it is consistent with academic freedom and inquiry to take positions on just one side of hotly debated political issues. That is not the role of a university.

I would like to submit that it would be in the best interest of the University to do away with these two offices and take the money you save and use it for some very good purposes that would benefit these groups. Namely, use it for rape prevention and education in the police department. And in the police department use it to work and try to stop hate crimes against gays. They are wrong, they shouldn't happen. It could also be used for general student safety which would effect these groups. But I do not think that it is consistent with academic inquiring debate for the University to take sides on political issues. I don't want to see this ever have a sovereign state kind of problem at Ohio State. I trust that we never will have it, but I think we should avoid something like that by getting the University out of the political debates. Thank you, very much.

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Mr. Teaford:

Thank you, Mr. Spry. Angela Tucker --

Ms. Angela Tucker:

Good morning ladies and gentlemen. The issue that I am going to address today is the discrimination of the Women Student Services, a branch of this University, to where our tax money and tuition goes against the pro-life position.

President Gee:

Angela, where are you from?

Ms. Tucker:

I am Angela Tucker, I am from Ohio State University Students for Life.

President Gee:

No, I mean your home town.

Ms. Tucker:

I am from Lancaster, Ohio. Like I said, Women Student Services, a branch of this University, as it gets tax and tuition money, is discriminating against Ohio State University Students for Life in the issue of not including us in their referral systems for women. In the student handbook the mission of the student services is stated as carrying a current and comprehensive referral list of campus and community services available to women and men. These resources include the Women's Resource Handbook, Women Networks, Crisis Referral Lists and the Quarterly Calender that is distributed all around campus.

Despite the fact that we offer services for women and we meet all of the requirements for inclusion, the Office continually and emphatically denies our right to be included on the calender. Services that we as Ohio State University Students for Life offer include many educational opportunities and service opportunities, including a baby shower that we are going to have for women who choose not to abort their babies and who choose to have their babies, but cannot afford the baby clothes or the prenatal care.

Cynthia Harris, the Director of Women Student Services, in a recent letter to Ohio State University Students for Life said the following, "Through our every statement and action we strive to promote women as intelligent and unique individuals capable of assessing a complex situation and choosing our most appropriate option." If she really believes what she is saying, why does she withhold information relevant to those situations. She's denying women the opportunity to make an educated choice. The Ohio Legislature has upheld this with passing overwhelmingly the Women's Right to Know Bill.

I've presented you with some problems and here are the solutions that I would like you to consider. First of all, we would like for OSU Students for Life, Ohio Right to Life, Columbus Right to Life, and Pregnancy Distress Center to be included on the calendar and on the resource list. This is in keeping with the calendar already because it already includes the National Organization for Women and the National Abortion Rights Action League.

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Secondly, we demand the resignation of Cynthia Harris because in the previously mentioned letter she also said, "It is our mission to preserve and protect women's right to choose." That statement is not in accordance with the statement of purpose in the Women Student Services handbook statement. It is a personal agenda that she is trying to fulfill through her professional capacity. Thank you for your time.

Mr. Teaford:

Thank you, Ms. Tucker. Michel O'Hara --

Ms. Michel O'Hara:

My name is Michel O'Hara. I am a master's candidate in the Department of Photography and Cinema, and I am here to speak in another term of academic freedom and the University's responsibility to students.

Basically, I am concerned about academic cuts which are rapidly being proposed across this University, and specifically the termination of the Department of Photography and Cinema at this time. One of the problems that I think this University is facing as a whole, and will continue to face, is the fact that there aren't really any guidelines or procedures by which to terminate departments, or they are so vague that this is leading to willy-nilly cuts done without research and without planning, which is something that is very vital. And extensive research and planning has to be done in the establishment of these same departments.

In a termination of a department it is our understanding that this is something that once this has occurred there is not the opportunity ever again in the history of the University for that unit to exist. So if a termination happens, and it happens to be a wrong decision, or a mistake, or something that isn't in the best interest of the University, and we find out somewhere down the line that we want to reinstate a department, that is not possible after a termination.

Specifically, I have over 2,000 signatures and numbers of letters from professionals in the field and in academe from students, from faculty, from alumni, from citizens of the State of Ohio, who all are asking specifically for the immediate withdrawal of the termination proposal for the Department of Photography and Cinema; the retention of the Department of Department of Photography and Cinema as a discrete academic unit; and to look toward and try and find the appropriate administrative structure in order to support this academic discipline or these disciplines.

Mr. Teaford:

Thank you, Michel. We will be reading the information that you have given us and we appreciate it.

Ms. Michel O'Hara:

Thank you.

Mr. Teaford:

Greg Schwab --

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Mr. Greg Schwab:

Members of the Board, I am Greg Schwab. I am a third-year law student from Westerville, Ohio. I just want to briefly express my concern over the situation developing today in the media, regarding what appears to be a selective legal defense of a particular student afforded by this University. This is in regard to the student arrested by OSU police involved with the situation of arson in a dormitory. Apparently, an official at this University supplied an attorney for the representation of this particular student and attempted to have these charges dismissed. Against criticism there is now a suggestion that police arrests made here at this University be afforded prior review before going downtown to the Prosecutor's office.

I am concerned that such involvement would, in either reality or in appearance, appear to allow the University undue influence in criminal matters. There is no other police agency in this county right now that has their arrests reviewed by a city employee, for instance, as far as I know. And the Prosecutor's office has and does screen all charges brought forth to them before proceeding in court. We have a highly trained professional police department, we don't need the police department reduced to a security department by the influence of the University. Thank you.

Mr. Teaford:

Thank you, Mr. Schwab. Mitchell Smith --

Mr. Mitchell Smith:

Hello, my name is Mitchell Smith and I am a graduate student in Biomedical Engineering from Fremont, Ohio. I am also the student representative for the Joint Committee on Solid Waste Management and Planning.

What I have to say is pretty fundamental. We can save a half a million dollars over the next three years if we start a recycling program immediately. Waste disposal costs are doubling every year and the longer we put off recycling the more money we are going to lose. The report of the Committee is a result of many hours of work by President-appointed experts in the field. It is not environmentalist propaganda, it is just a good cost savings proposal that we would expect to be implemented if it were in the private sector. We need the recycling program now to meet state law and, more importantly, to quit wasting money. It is just a wonderful bonus that environmentalists happen to agree with this proposal.

Start up and education may take a while. We urge you to urge the administration to set forth the minor investment costs to implement this proposal. Please tell us when we can start. I would like to thank Mr. Shkurti for speaking with us on this issue, but if we don't get started soon, we are literally going to throw all of our money in the trash. Thank you.

Mr. Teaford:

Thank you, Mr. Smith. Dan Robins --

Mr. Dan Robins:

Good morning. My name is Dan Robins, I am from the Department of Chemistry and I am a graduate student. And what I would like to speak about, again, is a reflection of the latest rounds of budget cuts that have hit the University and, specifically, how it has affected the Department of Chemistry.

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We have been told, as graduate students, that a serious threat of our in-house funds for research is going to be affected. In fact, it could be drying up as we speak. And as a result of this, progress will be severely hampered because of small equipment purchases, and simple repairs. The little things that the graduate students take most part in -- and not so much the faculty members -- will be difficult to obtain. And, again, this will just hamper research.

We are well aware that similar troubles affect every department throughout the University. What I'd like to speak about, and I am sure there are a lot of other students that would support this, but again it is a very difficult issue and one that I would believe you will be facing in the next few years, is that this University, as well as many others throughout the country cannot be the biggest and the best for everyone and everything. And there is going to come a point in time where decisions are going to have to be made on what areas to strengthen that are strong, and what areas to bring out that are weak. There are going to be some serious sacrifices, and I want to support the Board in the future because this is going to be a very difficult issue. Thank you.

Mr. Teaford:

Thank you, Mr. Robins. Mr. Butalia --

Mr. Tarunjit Butalia:

Good morning, members of the Board. My name is Tarunjit Butalia and I am an international graduate student pursuing my Ph.D. in civil engineering. First of all, I would like to thank you all for this opportunity for us. This really shows the keenness of the University for student participation. I am really grateful for that.

My question, however, is with regard to the proposed special fees. We have heard a lot about the possibility of special fees for students. With a reasonably big tuition hike, which could be coming as soon as fall, the students are concerned about special fees in addition to the tuition hike. However, I must say that some students do see some advantages in some of these special fees.

Keeping all of these points in mind, I would like the Members of the Board to look at this issue of special fees with great care and with no hurry. Thank you.

Mr. Teaford:

Thank you, Mr. Butalia.

President Gee:

I might just note to you that we do have a committee looking generally at the issue of fees, so that we have a more coherent structure. I am not certain if you are aware of that, so that really does respond to your issue. We are concerned also. We do not want to develop a fee structure that makes no sense. At the same time, we do want to be readily available for targeting particular programs in which there are special costs and maybe special needs. So we are looking at that in a comprehensive way, but I appreciate your point.

Mr. Teaford:

Thank you, Mr. President. Kathleen Carberry --

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Ms. Kathleen Carberry:

Good morning. My name is Kathleen Carberry and I am a first year graduate student in the Department of Art Education.

As a graduate student, I am concerned that further departmental cuts will make it prohibitively difficult for graduate students to continue their educations, particularly in my department of art education which is nationally recognized. And as the arts continue to gain in reputation -- and certainly have a greater opportunity to gain in reputation with the addition of the Wexner Center to the OSU campus -- I am concerned that sufficient funds be available for the continued growth and excellence in the arts at Ohio State University. Thank You.

Mr. Teaford:

Thank you, Ms. Carberry. Sandra Thomas --

Ms. Sandra Thomas:

Hello, I am Sandra Thomas from Cleveland, Ohio. I am a graduate student in the Department of Preventive Medicine, and I am an Alumna of the College of Medicine.

I would like to speak briefly on the situation of funded graduate students. I am a funded graduate student and I feel that we perform many vital service and academic functions at the University. So we serve the University, and the funding is also critical for many G.A.'s to complete their degrees.

As funded graduate students, we are considered student employees and as such we don't have the benefits or protections of our other faculty and staff colleagues. There are some stated policies for the treatment of G.A.'s in the Graduate School Handbook, but departments don't enforce that uniformly. And if the student has a problem -- I was in a situation where I took a lot of initiative, I made phone calls, went to offices, and inadvertently stepped on some peoples toes. There was no real clear policy for resolution of grievances that graduate students have.

And I think that there should be increased profile for maintaining some uniform employment standards for G.A.'s. There should be a clearly identified resource that graduate students know about and that departments know about so that if graduate students have grievances, they can resolve them.

I think that it is also important for that to be non-departmental, because many graduate students work in their academic unit. So that any employment issues -- if they dealt with them also have academic implications for them. So I think that many graduate students suffer because they are afraid of not getting their degrees. I think that this is a situation that really should be stopped. We are employees of the State of Ohio and we should be treated fairly. The system should be set up so that it is easy for us to identify resources rather than having us suffer in silence.

Mr. Teaford:

Thank you, Ms. Thomas. Eileen Best --

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Ms. Eileen Best:

I am Eileen Best and I am a doctoral student in the College of Education., I am from Columbus, and I work in Women Student Services.

The Office of Women Student Services was founded on a feminist philosophy which emphasizes womens choice in all aspects, including reproductive rights to choose. The Womens Calendar is a symbol of that feminist philosophy and will not include programs or organizations which seek to oppress the rights of women or other minorities. All programming and information offered through Women Student Services seeks to provide an environment which does not judge women based on religious or any other doctrine or dogma which historically oppresses women and minorities.

Ms. Kelly Sprague:

Hi my name is Kelly Sprague and I am a graduate assistant in Women Student Services. I am a graduate student in higher education in Student Affairs and I am from Dallas, Texas.

I also wanted to say that the Office of Women Student Services was founded from a political standpoint in the early 1970's, when women were oppressed in different forms in the area of higher education. What the gentleman and young lady said from Students for Life, what they mentioned about being discriminated against simply is not true. They have been formally offered opportunities to be included in our referral system, as well as have their materials included in our library.

The Womens Calendar is an advocacy tool which promotes the feminist philosophy upon which our office was founded, and would serve to promote programming which seeks to empower women in all aspects. How can the Student's for Life Organization ask for views on reproductive rights not to be thought of and expressed in our office? Their existence is merely a position on what their position is concerning this issue and if we promote their position, we would be still expressing a position.

This issue goes far beyond the Office of Women Student Services as it effects women everywhere, in every arena. Thank you.

Mr. Teaford:

Thank you, Ladies. John McCluskey --

Mr. John McCluskey:

Good morning. My name is John McCluskey and I am a sophomore from Springfield, majoring in political science and communications. I'd like first of all to thank the President and the Trustees for providing this open forum. I think that these kinds of things are very important to keep in touch with us students and let us air our differences.

I am here to talk to you about campus radio, WOSR. I am the new general manager of WOSR. The University currently holds licenses for an AM, FM, and a television station, but there is no means for direct student participation in these stations. WOSR is the only free format station where any student, any member of this University can come and get practical knowledge of what it is like to work in a radio station -- get real world experience.

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Now we realize that funding is really short and I am holding up my end of the bargain. I have seen the funding crunch myself. I have instituted a lot of Yeltsinesque budget crunching reforms at WOSR. I have discussed it with Dean Hollingsworth, the Dean of Student Life. We are holding up our end of the bargain, we are going through our end of Perastroika, now we would like you to show your support.

You said that you are willing to work with us. And I believe it would require in relation a small amount of money to get us going and to provide this sort of opportunity which could really help the students majoring in communication, journalism, or advertising for that matter. This could be a real force for the community and a real opportunity for students of these majors to gain some practical, real world experience to help them in the job market. I yield the balance of my time. Thank you, very much.

Mr. Teaford:

Thank you, Mr. McCluskey. Mike Hughes --

Mr. Michael Hughes:

My name is Michael Hughes. I am the Undergraduate Student Government Regional Campus Representative from Mansfield. When you ask me where I am from, I like to taut my home town of St. Louis, Missouri, although, I moved to the booming metropolis of Port Clinton, Ohio, several years ago.

This past weekend administrators and students from the Regional Campuses got together in a forum to discuss problems which are facing the Regional Campuses. This was when this problem was brought to my attention. Apparently, the admission standards of Ohio State are changing and they are looking to get better students here at Ohio State, and I commend that. Apparently students at the Regional Campuses are going to have to meet these standards when they transfer from a Regional Campus to the Main Campus.

When I was at Mansfield, I felt that I was not a part of The Ohio State University, I felt like I was removed. And I think there is a problem with communication and lack of information to the Regional Campuses. If in fact they have to meet these standards again, when coming from a Regional Campus to Main Campus, I believe that is going to further alienate the Regional Campuses and further alienate the student from being a part of the family of The Ohio State University. I do not believe you can do this to these students. I believe they should meet these standards when they are admitted to any branch campus of The Ohio State University, so we will not promote any alienation of this type. Thank you.

Mr. Teaford:

Thank you, Mr. Hughes. And I might say that this Board will be holding its April meeting on your campus in Mansfield, so we look forward to seeing you then.

Mr. Michael Hughes:

I will be there.

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Mr. Teaford:

I want to thank all of you for your insightful comments. I am sure that I speak for the Board when I say that we very much appreciate having had this opportunity to hear the students of this University and to get your views. Thank you, very much.

Mr. Wexner:

I want to take this opportunity to congratulate the Chairman and also the President for taking advantage of this particular opportunity to have an open meeting. And I wanted to remind the University family that the Board meetings are open, there are ten of them a year. I think it's the clear intention of all the Trustees that our meetings are open and transparent. Although this is an unusual form of a meet, the fact of it is that it is not unusual in the fact that all of the Trustees meetings are open to the public, particular the University family.

I think of the issue of questions and statements coming from faculty and students, the Trustees, as well as the Administration of the University are sincerely interested in peoples' opinions and questions. I know in discussion with other Trustees, we're quite anxious for that input. So whether those questions or opinions or statements are directed to individual Trustees, through the President's Office, to the Chairman, to the Secretary to the Board of Trustees, the more information we have the more things we are aware of, the better able we are to do our jobs.

I would assure you that all of the Trustees take their public responsibility seriously. And the Provost's response publicly to an inquiry of the Board, inquiring of the faculty how many are teaching, what percentage are on leave, is a small demonstration of the kinds of questions that we ask trying to fulfill our responsibilities.

And I'll exclude myself from this blanket statement, but I assure on a personal basis that I take the job seriously. Is that the Trustees, as well as the faculty we are all in this together and we are dedicated to make this the best possible Institution. I think today's meeting is the clearest endorsement of the sincerity of everyone involved with the University in that undertaking.

Mr. Teaford:

Thank you, Mr. Wexner.

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**STEPS THE UNIVERSITY IS TAKING  
TO ADDRESS CLOSED CLASSES**

Dr. Hutchinson:

First I'd like to try to define the problem of closed courses as we see it in the Office of Academic Affairs, and then speak about the solutions that we are intending to put in place. The problem is this: closed courses have a long tradition at The Ohio State University.

In the past, much of what we refer to as closed courses has been, in fact, a matter of course deferrals, where students are unable to take the courses that they want when they want to take them. In most instances, students have adjusted to this practice by taking other similar courses which are open or by taking fewer courses in a given quarter. This practice has become part of the way of doing business at this Institution, as it has at many other large universities in this country. It causes considerable frustration for students and for parents. But as long as it was possible to shift curricular requirements students and parents tolerated the practice.

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It is difficult to eliminate the problem because students' preferences for courses offer starting a sequence of course work shift from year to year and they're often a mismatch with University resources. Massive enrollment shifts towards certain majors often strain the resources within the Institution, in terms of both teaching staff and in terms of facilities. During the past several years we have seen massive shifts toward several of the majors in the College of Humanities and the College of Social and Behavior Sciences.

More recently, just this year tremendous pressure has been put on basic chemistry by a plan change in the Engineering curriculum, compounded by a shift of student interest in pre-med. Fortunately, through a combination of new resources from the Office of Academic Affairs and the College of Mathematical and Physical Sciences much of that pressure has been relieved this Autumn and Winter Quarters, although certainly not all of it. I must admit that our ability to respond to massive enrollment shifts is limited and needs to be improved.

The problem of course deferrals is somewhat relieved by priority scheduling systems that give our rank four students, graduating seniors, honor students, and disabled students top priority in the scheduling process. With a system of deferred scheduling, there is often a back-log of students waiting for a course from quarter to quarter. These groups with priority are given preference by our computer scheduling system, "Brutus," in course scheduling.

The Council on Admissions and Registration is at work on improving this system with the refinement of priority scheduling and the development of a "wait list" that will hopefully take away the despair of getting closed out of a course over and over again. I'm also asking the Registrar to examine the feasibility of an automotive deferral system. So that students closed out of a course one quarter would be given higher priority to register for that course the following quarter.

Over the long-term, the very notion that practices that irritate and frustrate students and parents as well, exist at an institution striving for excellence should be examined. Certainly, major efforts are underway in the Office of Admissions, Student Financial Aid, and Fees and Deposits. To the extent that is possible, all such practices including closed courses and deferred courses should be minimized or at the optimum eliminated.

On the short-term the problem is increasing at an alarming rate and immediate steps need to be taken to minimize this problem in this University. The close out problem has grown much worse in the last two years. In addition to enrollment shifts, two factors have aggravated the problem.

The first factor has been the general education curriculum that we are now implementing. Also, much tighter curriculum than the BER's that existed before, and this has virtually eliminated free electives. Without electives and with more general education courses, students have less flexibility to choose other open courses when they're closed out of a given course.

The second factor has been the reduction in resources to deliver courses, because we all know of the budget reductions that have been required. Although we attempted to protect the academic core in last year's cuts, many cuts were taken by not filling vacant positions. Needless to say, we are concerned that the most recent cuts will further erode our ability to maintain our level of course offerings.

Now the solutions that we suggest: three aspects of the problem need to be changed in order to arrive at a solution. One is an attitude about the problem; the second is financial resources; and the third is classroom space. Let's take them in order.

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Attitudes about the problem. All levels of leadership, including the deans and department chairs, many of whom are in the room today I'm pleased to see, need to be convinced that this is a real problem. That elimination of it is a priority for this Institution and that it will take a considered and multi-level effort to confront the problem. I wish to state, parenthetically, that I've already initiated discussions with the deans and the associate deans in the Colleges of the Arts and Sciences on ways to address this problem.

Second the financial resources. A sum of money in excess of \$500,000 will be committed to this effort immediately. The mechanism will be developed in the very near future to allocate those funds on a one-time basis to resolve major back logs in courses.

On the recommendation of a task force that recently completed an analysis of the subsidy implications for summer enrollment, a number of courses having a history of close outs will be offered in the summer in the hope of relieving some of that back log. These funds will also be used to create additional sections of closed courses which will be offered during the regular academic year.

The third problem -- space. Even if we had the resources to create enough new sections of closed out courses, we do not have enough classroom space to hold those sections. I believe that there were 368 classrooms five years ago, we are down under 300 now. The cause for that is two-fold. One that a number had been committed to other uses before we realized the dimension of the problem. And secondly, we have a number of buildings now being renovated which have taken classrooms out of use, but will be available later.

On the recommendation of the Classroom Coordinating Council, I will ask the Council on Admission and Registration to immediately examine the feasibility of extending the traditional day schedule. So that instead of 8:00 a.m. to 5:00 p.m., it would be 7:30 a.m. to 5:30 p.m. That would extend our amount of classroom space automatically by about 11 per cent. This will effectively increase the number of hours available by one hour.

I am asking that no classrooms be removed from the classroom pool until such time as new classrooms come on-line. The problem will be lessened by about 1994, when some of our new classrooms are built. But in the meantime, we're going to have to deal with the problem and a major solution, we feel, is extending the classroom day.

It is important that students and faculty accept this solution and participate fully. Simply extending it without having any classes offered in those hours is not going to help very much. And in fact, if you know we already have quite a lot of free time between 8 a.m. and 10 a.m. and between 3:00 p.m. and 5:00 p.m. So the whole campus is going to have to participate in this as a solution if it's going to work. But it can work without any great undue hardship to any body.

Finally, I'm appointing a task force consisting of representatives from the Office of Academic Affairs, the Office of Finance, the Colleges of the Arts and Sciences, the Council on Admission and Registration, and undergraduate, graduate and professional student groups to examine the long-range problem related to course close outs. This group will examine the issues surrounding this matter, including: new ways to respond to enrollment shifts; a computerized system of enrollment deferment; a system of academic counseling that would help students consider options in advance of registration; and finally, the eventual minimizing of the elimination of closed courses.

Mr. Chairman, that completes my report. I believe you and other members of the Board have raised the question as to the number of faculty members that are teaching this year. I have put before you a summary that we did not have and we have taken considerable time to pull together in the last few days.

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As you will see from this out of 2,840 faculty members on the Columbus Campus this year, 2,754 are teaching. And I want to explain what we mean by teaching. That is not that they are simply perhaps carrying a one-credit seminar course, these are in the classroom teaching. That means there are only 46 that are not.

There are another 40 that are on professional leave this year, but that's as it should be. And for an institution of this size that may be low. Perhaps we should be critical of that small number. But it's only 46 and one at a time I could tell you that a number of those are in the College of Agriculture and are people that have other assignments and therefore would not be expected to be in the classroom. So in fact it's a very small number of people that are not in the classroom teaching.

In addition, I would point out to you that we have found that in looking in this matter that almost all assistant and associate deans teach and, in fact, many of the deans teach. So, I think the answer to the question is very clear. The faculty of this institution teach. Thank you.

Mr. Teaford:

Thank you, Dr. Hutchinson. I might add to what you said, that I understand that at least one of those non-teachers is a professor who has about ten graduate students with whom he works. And any body who thinks that that is not teaching does not understand what a university is all about. So I think when we look at the whole view of teaching we must understand that graduate school teaching doesn't even show up in any of the statistics.

I thought, too, that Mr. Beasley's situation illustrated another one of the problems that we have. If you want to take fifty hours in three quarters -- that's very, very difficult and does put an extra strain on the University, because that is an extraordinary load and therefore is more difficult. So it is important that students plan ahead to spread their load a little more.

Ms. Casto:

I would like to thank you for all of your hard work you have done on this. You moved so quickly and swiftly to find a solution to these problems and I think a lot of them will help to solve some of the problems and ease some of the tension here.

Dr. Hutchinson:

Thank you, Ms. Casto. I would like to point out that I did not mean to leave the impression that there will not be some closed courses next year. To eliminate this problem in the near term would be unrealistic. We need to lessen it substantially and we need to take these steps and hope that as we can bring on more classrooms and take the step of an extended day that it will be much better next year.

Mr. Teaford:

Dr. Hutchinson, how many more persons did you say had wanted to take a first-year chemistry course this year, than in the past.

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Dr. Hutchinson:

We had about 600 in the Winter Quarter unusually. There was no way that we could have predicted that because we did not know that Engineering had changed their requirements, so that added about half that number. And then another 300 was simply people who are not yet in pre-med, but think they are. And they want to be sure to take chemistry, because that's a very critical course. Therefore, the numbers that chose to take that instead of some others science course shifted drastically and unexpectedly.

Mr. Teaford:

I think that number just illustrates how very, very difficult the circumstance is when an extra 600 people can want to take a class all of a sudden. So that's how difficult the situation is. Thank you, Dr. Hutchinson.

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### **STUDENT AFFAIRS COMMITTEE MEETING**

Mr. Tonnies:

This morning the Student of Affairs Subcommittee reviewed the proposal for modifying the procedure for the selection of the student trustees. We've been looking into this for many months. We recommend approval of this procedure. The resolution that we want to pass today will amend resolution 89-37 and it will be changed such that in the beginning of this year the students selected in even number of years will be a graduate or profession student and the students selected in odd number of years will be an undergraduate student.

### **PROCEDURE FOR SELECTION OF STUDENT TRUSTEES**

Resolution No. 92-67

Synopsis: The Student Affairs Committee recommended the approval of the procedure for selection of student trustees.

WHEREAS the Ohio Legislature has amended Ohio Revised Code Section 3335.02 (A) and enacted Section 3335.02 (B) for the inclusion of students on the Board of The Ohio State University; and

WHEREAS The Ohio State University, through this Board, the administration, and student leaders, has developed appropriate procedures for the implementation of the State's student trustee plan; and

WHEREAS the existing procedures need clarification with respect to the nomination of Student Trustees:

NOW THEREFORE

BE IT RESOLVED, That the procedures for nominating students to serve on The Ohio State University Board of Trustees as set forth in Resolution 89-37 be amended as follows: that beginning in 1992, the student selected in even numbered years shall be a Graduate or Professional student, and the student selected in odd numbered years will be an undergraduate student.

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Upon motion of Mr. Celeste, seconded by Mr. Colley, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

Mr. Tonnie:

The second part to our meeting today in which we have a presentation about student life in the Ohio Unions. The student developed presentation, "Next Stop Union Station," provided a colorful representation of the diversity of student endeavors in the Ohio Union. Pat Rowan, a student and former chair of the Student Events Committee and the Ohio Unions Council, produced today's program which featured students and activities from a variety of campus areas. That completes my report.

Mr. Teaford:

Thank you, Mr. Tonnie. Those of you who didn't get to go to the Student Affairs Committee meeting missed a good time.

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### **FISCAL AFFAIRS COMMITTEE REPORT**

Mr. Teaford:

To begin the Fiscal Affairs Committee meeting we will start with Mr. Shkurti for a budget update.

### **BUDGET UPDATE**

Mr. Shkurti:

The document to which I will be referring is in your Board book under the tab Budget. The first two pages are the more traditional way the University presents that document and I thought it would be appropriate to have a summary which is what that last page is. It's entitled, "Columbus Campus General Funds Budget Changes to the Bottom Line." To make a long story short, it simply tracks what's happened to the budget since June.

The University has absorbed \$15 million in cuts from the State since June. We had \$2 million that we started the year with as a reserve that's been used to offset part of those cuts. So we have a net amount of \$13 million to make up between now and the end of the year. The students that have spoken to us this morning have testified much more eloquently than anything numbers on a page can say about the impact of these cuts on the University.

Suffice it to say that our enrollments are up, our state support is down, so we are already doing more with less, and will continue to struggle to do so. But I am confident that by the time the year ends we will have the University's budget back in balance and we will move on from there.

The other thing that I would like to discuss in terms of non-numerical terms is where we stand in terms of our mid year financial review. That is in front of you on white paper that says, "The Ohio State University Board of Trustees Mid Year Financial Review FY 1992." Now on the other side is last year's review at this time just so you have that for comparison purposes. But let me speak for just a minute about some of the challenges and areas of improvements we're facing for fiscal year 1992.

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In terms of the challenges to be addressed, the various state budget cuts are pretty evident. I think what's important that we not lose track of is that our state government has not yet dealt with the fiscal year 1993 budget problem. The issues that have come up to this point have been this year's budget problem, much of that has been dealt with using one-time money. And so that money is gone, yet the problem will exist, again, in 1993, even with a recovery in the economy. And since this is an even numbered year, a certain sense of unreality sometimes permeates the State House and problems are not always dealt with in a timely as they might be. So the University is going to have to continue to be flexible and I expect may receive some more bad news from the State before this budget crisis works it's way out.

The third item on challenges to be addressed are the indirect cost reimbursement from the federal government, those come up for Ohio State every three years. We are beginning a negotiating cycle with the federal government and if the experience of other universities who started the cycle is any indication, the federal government is not being kinder and gentler with universities in these negotiations. So that will be a challenge for us coming up as well.

Another item, in terms of the impact of budget cuts, is the third from last line about some on going unit problems. And the one I've indicated there is the OARDC, the Ohio Agriculture Research and Development Center in Wooster. Just to point out some of the problems other units of the campus are facing, even though they are not part of the main campus general funds. While the Central Campus received a 4 per cent budget cut this year, OARDC received a 6 per cent cut in December. They received an additional cut in July when the budget was passed and received a cut prior to that last year at about this time. So a number of our units, both at Wooster, our extended campuses, and here on the main campus, are struggling from the effects of the state budget cuts.

Finally, in terms of the last item on the challenges to be addressed is that this is the year that we need to forge a linkage between our budgeting system and our academic planning system. The Offices of Finance and Academic Affairs, and in fact the entire University is working together and will need to work together to bring that together in the budget cycle that will begin July 1, 1993. And we will have more on that for you later in the year.

Even though this has been a very difficult year for us budgetarily, there have been areas of improvement, and those are highlighted on the left hand side of the ledger. Both University Hospitals and the James Cancer Hospital and Research Institute, the bottom line for both of those institutions have improved and you will be hearing more specifically about the Cancer Hospital later in this meeting, so I won't go into detail.

In addition, we have made some progress in dealing with deficits that existed for quite a long time in the College of Business and in Admissions. Both of those deficits have been eliminated over the last year, and we are making significant progress in the College of Humanities and in the University's Telephone Services System.

We continue to make progress in doing our budget reductions, as unpleasant as they are differentially. I think that overall the University's financial position is as well as can be expected in a time of very difficult challenges, both here in Ohio, and nationally. And it will continue to test us as an institution in the months to come. I think the key is that we use this challenge as an opportunity to do those things that we need to continue to do to improve the quality of student life in the academic role of this University in the months ahead. Mr. Chairman, that completes my presentation.

February 7, 1992 meeting, Board of Trustees

Mr. Teaford:

Thank you, Mr. Shkurti. Any questions of Mr. Shkurti?

(Appendix L for charts on The Ohio State University Mid Year Financial Review, page 869.)

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**WAIVERS OF COMPETITIVE BIDDING REQUIREMENTS  
OCTOBER - DECEMBER 1991**

Resolution No. 92-68

Synopsis: Acceptance of the quarterly report on waivers of competitive bidding requirements is proposed.

WHEREAS the Purchasing Policy of The Ohio State University, adopted by the Board of Trustees on September 7, 1984, provides that the President and/or Vice President for Business and Administration may grant a waiver from competitive bidding in the event of an emergency, when a sufficient economic reason exists, or when the goods or services can be purchased from only a single source, with a report on such waivers to be made quarterly to this Board; and

WHEREAS the Acting Vice President for Business and Administration has submitted a report on waivers of competitive bidding requirements granted for the period of October-December 1991, granting 54 waivers totaling \$3,164,400.00:

NOW THEREFORE

BE IT RESOLVED, That the report on waivers of competitive bidding requirements for the period of October-December 1991, is hereby accepted.

Upon motion of Mr. Kessler, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix LI for chart on Waivers of Competitive Bidding Requirements - October - December 1991, page 875.)

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Mr. Nichols:

Under the tab of Architects in your Board book is the employment of architects and engineers for the College of Business Facilities. During the Spring and Summer of 1991, an internal review team, including the faculty from the College of Business, reviewed 8 different sites as possible locations.

The site that has been identified is bounded by West Lane Avenue on the North, by Tuttle Park Place on the West, Woody Hayes Drive on the South, and the Residence Hall complex on the East. There are two phases to this project; the first phase is hiring an architectural/engineering firm to provide programming, conceptual design, planning and assistance, and fund raising with regards to the scope of the project. There will be a second phase, which may or may not include the firm used in the first phase, but which will provide schematic design, design, development, and construction documents for the two phases of the construction program.

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The plan will involve classroom space, state-of-the-art MBA teaching facilities, meeting rooms, related support spaces, and, of course, classrooms. Total project cost is estimated at \$62 million, of which \$20 million will be fund raising by the College of Business.

Mr. Kessler:

On the selection of the architect -- I think this is a very, very important building. And I want to make sure that this full Board is advised as to what architects you are looking at and how you are proceeding. So we will truly have a national search to get the very best creative architect who can do this very important building.

Mr. Nichols:

The current status, Mr. Kessler, is that there was a request for proposals that went out with regards to the first phase. There is considerable interest in this project, probably more so than any project that I have been involved in in my two years. The preliminary steps on the selection process are starting.

Mr. Kessler:

I would just hope that the Board will be kept informed. Because I think it is very important, not only to the University, but this is going to be such a premier building. I think that it is also very important in the fund raising for the College.

President Gee:

You know that this particular facility is going to represent a portal entry into the University. And I know Jim concurs with me that this is an enormously important building. I will note, though, that we've had astounding interest in it from some, if not the best architectural firms available. And, of course, many of them are Ohio firms and many of them are joined Ohio firms with national firms, so we do have remarkable interest of high quality. But I also believe, Jack, that because of the nature of this that we do need to involve folks a bit earlier, rather than dropping a fait accompli on you. I think that is what Jim is also indicating.

Mr. Nichols:

I am sensitive to that Mr. Kessler.

Mr. Kessler:

You might also want to consider, if you have the time to do it, some type of a competition with architects, so you know exactly what the building is going to look like to get a better feel of it. But that does take more time.

Mr. Teaford:

One thing that may complicate that, Mr. Kessler, is that I understand this will be one of the earlier tests of the Governor's new financial competitive bidding on architect contracts.

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**EMPLOYMENT OF ARCHITECTS/ENGINEERS**

Resolution No. 92-69

**COLLEGE OF BUSINESS FACILITIES**

Synopsis: Authorization to employ architects/engineers for the College of Business Facilities is proposed.

WHEREAS the University desires to employ an architectural/engineering firm to provide programming, planning, conceptual design, and assistance in fundraising to determine the scope of work for the relocation of the College of Business currently housed in Hagerty and Page Halls: and

WHEREAS the subsequent phases of the project will provide schematic design, design development, and construction documents for two phases of construction consisting of office space, classrooms, state-of-the-art MBA teaching facilities, meeting rooms, and related support spaces on the central campus area, with the exact site to be determined during the planning and design phase; and

WHEREAS the total estimated project cost is \$62,000,000.00 (in 1991 dollars), and the total estimated construction cost is \$48,000,000.00 (in 1991 dollars), with funding anticipated from private donations and future State capital appropriations anticipated in the 1995-96 and 1997-98 biennia:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Acting Vice President for Business and Administration be authorized to select qualified architectural/engineering firms as necessary for this project and that the fees for these services be negotiated between the firms selected and the State of Ohio, Division of Public Works.

Upon motion of Mr. Barone, seconded by Amb. Wolf, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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Mr. Nichols:

Also under the tab of Architects, in your Board book is the employment of architects and engineers for Student Affairs Complex Feasibility Study. This is part of the outfall from the review last year on the Business College site, in conjunction with the Office of Student Affairs.

There was an indication that there needed to be a feasibility study with regards to a new Student Affairs Facility complex, including new Student Union or Unions which are designed to meet the needs of the current and future students. The current facilities: the Ohio Union that we are in was built in the 1950's; and the Drake Union was built in the early 1970's.

This would involve hiring folks that are familiar working in student affairs areas. They would do a complete analysis of the needs and the services needed in that facility, funding models, strategy for construction, and operation and maintenance phases of the project. There would also be site evaluations done as part of this. This estimated cost is \$75,000 to \$125,000 for both phases of the study. That is presented for your consideration. Dr. Spillman is here if there are any questions with regards to the Student Affairs Office.

**EMPLOYMENT OF ARCHITECTS/ENGINEERS**

Resolution No. 92-70

**STUDENT AFFAIRS FACILITIES COMPLEX  
FEASIBILITY STUDY**

Synopsis: Authorization to employ consultants for a Student Affairs facilities complex feasibility study is proposed.

WHEREAS the Office of Student Affairs desires to undertake a study to determine the feasibility of developing a Student Affairs facilities complex, including a new student union, designed to meet the comprehensive needs of current and future students, including the enhancement and delivery of programs and services to students in an environment that is functional and aesthetically invigorating, supports learning, and conveys institutional pride; and

WHEREAS the University desires to employ consultants with demonstrated experience in working with student affairs programs in the assessment of the service and facility needs and priorities of the community and development of viable funding models and strategies for the construction and operation and maintenance phases of the project, and if a decision is made to proceed, assisting in the development of a Program of Requirements for the complex; and

WHEREAS the second phase of the feasibility study will provide site evaluations based on the recommendations of the first phase and provide conceptual drawings and cost estimates for the facility or facilities recommended; and

WHEREAS the total estimated cost for consultant services for both phases of the feasibility study is \$75,000.00 to \$125,000.00, with funding provided from University funds:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Acting Vice President for Business and Administration be authorized to select a qualified firm or firms as necessary for this project and that the fees for these services be negotiated between the firm or firms selected and the University.

Upon motion of Mr. Celeste, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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Mr. Nichols:

Continuing on under the same tab of Architects, is the employment of architects and engineers for the Feasibility Study on the Columbus Campus People Mover System. The four elements have come together with regards to a growing crunch of parking on campus. The first element involves conflict of surface parking space with new building construction which eliminates the service parking space.

The second element is new buildings. New space on campus does result in additional employees, for example, in research laboratories that will need parking space.

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There has been a steady and constant increase in the last two years with regards to parking, both from in-patients, and out-patients, as well as visitors in the medical complex.

And, finally, there is an increasing use by the neighborhood surrounding the campus proper of 24-hour residential parking, which is now instituted in approximately one-third of those neighborhoods and will probably be instituted in 100 percent of them by the end of this year.

This particular study would review potentials of movement of people on campus, primarily an east-west configuration from West Campus to Main Campus. This would also allow for an evaluation of these potentials, what is often sighted in the media as a monorail. But it would also involve other people mover technologies, as well as light rail and trolley type systems; against, for example, building additional garages of which there will be a number needed if we would do that option; against vastly increasing a bus fleet to move people east to west, or other potential options.

This would be a study that would result in \$50,000 at maximum from Traffic and Parking funds and is presented for your consideration.

Mr. Teaford:

Thank you, Mr. Nichols. Much to our surprise, the question of buses didn't come up in this morning's discussions, but this is some indication that we are aware, too, of the transportation problem on campus.

#### **EMPLOYMENT OF ARCHITECTS/ENGINEERS**

Resolution No. 92-71

#### **COLUMBUS CAMPUS PEOPLE MOVER SYSTEM**

Synopsis: Authorization to employ consultants for a Columbus Campus people mover system feasibility study is proposed.

WHEREAS the University desires to explore alternative solutions to ensure the most effective land use of the Columbus Campus to support the academic mission, to relieve parking and traffic congestion in the central campus area, to facilitate the more effective movement of students, faculty, staff, and visitors around the campus, and to better tie together the various areas of the campus; and

WHEREAS as a part of these overall needs, the University desires to undertake a study to evaluate the extent to which a people mover system could improve land use, parking, and transportation in the central campus; and

WHEREAS the University desires to employ a consulting professional firm or firms to evaluate this need and provide an economical and physical feasibility analysis, a program of requirements, and conceptual design concepts for a people mover system; and

WHEREAS the total estimated cost for these consultant services is \$50,000.00, with funding provided from University funds:

**NOW THEREFORE**

**BE IT RESOLVED**, That the President and/or Acting Vice President for Business and Administration be authorized to select a qualified firm or firms as necessary for this project and that the fees for these services be negotiated between the firm or firms selected and the University.

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Upon motion of Mr. Celeste, seconded by Mr. Colley, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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Mr. Nichols:

Under the tab of Construction Bids is the Employment of Architects and Engineers and Request for Construction Bids for the Storm Sewer Separation, Phase I. The University is located in an area of the City of Columbus that is under the old combined sewer system, that is both storm sewer and sanitary sewer runs in the same pipe. There have been some projects already on campus to separate sanitary from storm, this is a continuation of that process, and this is a feeder line to a main trunk that will be discussed later under the Easement Tab in the book.

This particular one involves a 48-acre section of land which is generally the North Central part of the campus, bounded by 18th Avenue on the North, High Street, College Drive and goes as far over as Neil Avenue. This will involve one line, ultimately that will run across the Oval. This will eliminate, effectively, three current combined sewers and will also serve as the new facilities being built on 18th Avenue with regards to the Basic Sciences and Engineering Library, as well as the new Mathematics classrooms and faculty office space. And that is presented for your consideration.

**EMPLOYMENT OF ARCHITECTS/ENGINEERS AND  
REQUEST FOR CONSTRUCTION BIDS**

Resolution No. 92-72

**STORM SEWER SEPARATION, PHASE I**

Synopsis: Authorization to employ architects/engineers for the Storm Sewer Separation, Phase I is proposed.

WHEREAS a new storm sewer system is needed for the Columbus Campus sewer district 9B, a 48 acre section located in the east central part of the Campus with its boundaries at approximately South Oval Drive on the south, West 18th Avenue on the north, High Street and College Road on the east, and Neil Avenue and Bohannon Road on the west; and

WHEREAS this area presently is being drained by three combined sewers and a new storm sewer system is proposed, with the existing sewers being used for wastewater flow, and a new storm sewer branch flowing south and west to the existing City of Columbus main line on West 12th Avenue; and

WHEREAS the University desires to employ an architectural/engineering firm to provide design of a storm sewer separation project for this area, and the total estimated project cost is \$950,000.00, and the total estimated construction cost is \$760,000.00, with funding provided from University funds:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Acting Vice President for Business and Administration be authorized to select qualified architectural/engineering firms as necessary for this project and that the fees for these services be negotiated between the firms selected and the University; and

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BE IT FURTHER RESOLVED, That the President and/or Acting Vice President for Business and Administration be authorized to request construction bids on this project in accordance with established University procedures, and if satisfactory bids are received, to award contracts, with all actions to be reported to this Board at the appropriate time.

Upon motion of Mr. Barone, seconded by Ms. Casto, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS**

Resolution No. 92-73

GOSS LABORATORY ASBESTOS ABATEMENT  
JOHNSTON LABORATORY RENOVATION  
DOAN HALL - IMPROVEMENTS TO WOMEN AND INFANTS PROGRAM  
SULLIVANT HALL RENOVATION (ASBESTOS ABATEMENT)  
NORTH DORMITORIES CHILLER REPLACEMENT, PHASE I

Synopsis: Approval of the Report of Award of Contracts and the Establishment of Contingency Funds for the listed projects is recommended.

WHEREAS resolutions adopted by the Board of Trustees on October 5, 1990 and September 6, 1991 authorized the President and/or Vice President for Business and Administration to request construction bids in accordance with established University procedures, and if satisfactory bids were received to award contracts for Doan Hall - Improvement to Women and Infants Program and North Dormitories Chiller Replacement, Phase I projects.

AND WHEREAS resolutions adopted by the Board of Trustees on July 11, 1986 and October 3, 1991 authorized the President and/or Vice President for Business and Administration to request construction bids in accordance with established University and State of Ohio procedures, and if satisfactory bids were received to recommend the award of contracts for the following projects: Goss Laboratory Asbestos Abatement, Sullivant Hall Renovation (Asbestos Abatement), and Johnston Laboratory Renovation.

NOW THEREFORE

BE IT RESOLVED, That pursuant to the actions previously authorized by the Board, the Report of Award of Contracts and Establishment of Contingency funds for these projects is hereby approved.

Upon motion of Amb. Wolf, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix LII for background material and tabulation of bids, page 877.)

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Mr. Nichols:

This particular easement is one of the more important ones to the University Campus. You will note, from the line of the easement, that it proceeds from the Olentangy River to the north side of the West 12th Avenue parking garage. It will eventually serve not only the entire southern part of the campus, but also all of the City of Columbus. It will run clear out past the fairgrounds at some point. This is a project that is being fully paid for by the City of Columbus, the diameter of this sewer is ten feet and is necessary in the short-term for the construction start of Riffe Hall which will start in late spring or early summer. That is presented for your consideration.

**EASEMENT**

Resolution No. 92-74

**CITY OF COLUMBUS**

Synopsis: Authorization to grant a storm sewer easement to the City of Columbus on University property near the intersection of 12th Avenue and Cannon Drive is proposed.

WHEREAS the City of Columbus has requested a 25-year easement consisting of a strip of land approximately 30 feet in width and 1,514 feet in length and a temporary construction easement consisting of an additional strip of land, 30 feet in width adjacent and parallel to the permanent easement for the installation of a storm sewer pipe nine feet in diameter to be located near the intersection of Cannon Drive and 12th Avenue; and

WHEREAS this easement will serve University property; and

WHEREAS the appropriate University offices have recommended that this easement be granted:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Acting Vice President for Business and Administration be authorized to request the Deputy Director of Public Works of the Department of Administrative Services to act for and on behalf of the University in developing the necessary legal instruments to provide for this easement.

Upon motion of Mr. Barone, seconded by Amb. Wolf, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix LIII for map, page 889.)

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**REVISION OF DEFINITION OF "IMMEDIATE FAMILY"  
FOR PURPOSE OF SICK LEAVE BENEFIT**

Resolution No. 92-75

Synopsis: Approval of the revision of definition of "Immediate Family" for purpose of sick leave benefit is proposed.

WHEREAS on January 31, 1990, President Edward H. Jennings created the Spousal Equivalency Task Force which recommended that the University implement certain policy changes to recognize domestic partners; and

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WHEREAS the University has given lengthy consideration and scrutiny to the many issues involving domestic partnership that affect our faculty and staff, with affirmative recommendations put forth by the Faculty Compensation and Benefits Committee, the Staff Advisory Committee, and other ad hoc committees; and

WHEREAS a number of major universities, cities, and municipalities already recognize domestic partnership for coverage under some policies:

NOW THEREFORE

BE IT RESOLVED, That after discussion by the President's Executive Committee and further review by University administration, the policies governing utilization of the sick leave benefit (including bereavement leave) be modified wherein domestic partners are included in the definition of immediate family; and

BE IT FURTHER RESOLVED, That the President and/or Vice President for Human Resources and Relations be hereby authorized and directed to develop and promulgate the appropriate procedural guidelines and forms to implement this policy.

Upon motion of Mr. Celeste, seconded by Mr. Kessler, the Board of Trustees adopted the foregoing resolution six affirmative votes cast by Messrs. Colley, Celeste, Wolf, Kessler, Barone, and Teaford, and a negative vote cast by Ms. Casto.

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Mr. Stoffel:

You have before you a resolution to approve the re-employment of individuals who have retired under the early retirement incentive programs of the University. As you may recall, the early retirement incentive programs in the past, promulgated by this Board, have had an exclusion of the return of those individuals to be employed by the University in any capacity. And, in as much as the number of these programs have existed now and we are trying to provide or achieve maximum flexibility in human resources for the University, it is felt that at this time that it would be beneficial for the University and individuals to allow for some return on employment of those individuals who have participated in these programs and that it begun pursuant to policies that will be established by University administration.

Mr. Teaford:

I might say that this will help alleviate some of the problems that Dr. Hutchinson talked about, too, because this does make more faculty available.

### **RE-EMPLOYMENT OF RETIRED INDIVIDUALS**

Resolution No. 92-76

Synopsis: Approval of the re-employment of individuals who have retired under the early retirement incentive programs is proposed.

WHEREAS The Ohio State University adopted the Early Retirement Incentive Programs available under the provisions of the State Teachers Retirement System of Ohio (STRS) and the Public Employees Retirement System of Ohio (PERS) on October 6, 1989; and

WHEREAS the University's policies have been to provide that individuals who retire under those programs would not be eligible for re-employment with the University; and

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WHEREAS The Ohio State University desires to achieve maximum flexibility in human resources planning and coordination:

NOW THEREFORE

BE IT RESOLVED, That effective immediately, participants in the University's Early Retirement Incentive Programs will not be precluded from University employment; and

BE IT FURTHER RESOLVED, That such re-employment will be consistent with STRS and PERS law and the policy guidelines as set forth in Appendix LIV for faculty, and Appendix LV for non-faculty staff.

Upon motion of Amb. Wolf, seconded by Ms. Casto, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix LIV and LV for Policy Guidelines, page 891.)

President Gee:

If I could just note here in the public meeting, that we have received a resolution from the University Senate regarding the elimination of the mandatory retirement age, prior to the legally designated time. That has come to me and I would like to share it with the Board today. I want to have a chance to review that resolution a bit more carefully, but certainly will have a recommendation prior to the time that anyone is put in jeopardy on this in case there is some question about that.

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### **WORLD CUP 1994 SOCCER AGREEMENTS**

Resolution No. 92-77

Synopsis: Authorization to enter into agreements with the U.S. and Ohio organizing committees to provide for the use of Ohio Stadium for games of the 1994 World Cup soccer championship is proposed.

WHEREAS the 1994 World Cup international soccer championship will be held in the United States under the auspices of the Federation Internationale de Football Association and under the jurisdiction of World Cup USA 1994, Inc. (the U.S. Organizing Committee); and

WHEREAS World Cup Ohio 1994, Inc. (the Ohio Organizing Committee), in consultation with The Ohio State University, has submitted a bid for Ohio to be one of the sites for World Cup 1994, with three to six games to be played in Ohio Stadium; and

WHEREAS for this bid to be considered further, the U.S. Organizing Committee requires an executed agreement providing for the use of Ohio Stadium for these games; and

WHEREAS the University fully supports and encourages the selection of Ohio as a venue for World Cup 1994 and is willing to make Ohio Stadium available for this purpose, so long as the University is guaranteed that it will not be responsible for any costs, including those for renovation, operation, and restoration of Ohio Stadium, for these events, and

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WHEREAS the appropriate University officials, including the Director of Athletics, recommend that the University enter into the necessary agreements with World Cup USA 1994 and World Cup Ohio 1994 to provide for the use of Ohio Stadium for these events in accordance with the general terms outlined above:

NOW THEREFORE

BE IT RESOLVED, That the Board of Trustees of The Ohio State University hereby expresses its support for World Cup Ohio 1994's bid to hold three to six games of the 1994 World Cup international soccer championship in Ohio Stadium so long as and only to the extent that the University is guaranteed that it shall not bear responsibility for any costs incurred for the use of Ohio Stadium or other University facilities for these events; and

BE IT FURTHER RESOLVED, That the President and/or Acting Vice President for Business and Administration be authorized to enter into agreements with World Cup USA 1994 and World Cup Ohio 1994, and any other necessary agreements, upon the general terms and conditions outlined above and upon any other terms and conditions deemed to be in the best interest of the University.

Upon motion of Ms. Casto, seconded by Mr. Celeste, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix LVI for background material, page 895.)

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**REVISION OF THE  
POLICY OF PURCHASING**

Resolution No. 92-78

Synopsis: Authorization that the University's Purchasing Policy be amended is proposed.

WHEREAS it is the policy of The Ohio State University to solicit competitive bids for University purchases in all cases where the best interest of the University will be served by such competition; and

WHEREAS there is a need to revise the University's Purchasing Policy, which was adopted by the Board of Trustees on September 7, 1984, to reflect current economic conditions by increasing the threshold amount requiring competitive bidding from \$5,000.00 to \$10,000.00 for the purchase of equipment, materials, and supplies, and from \$10,000.00 to \$20,000.00 for the purchase of Services:

NOW THEREFORE

BE IT RESOLVED, That the Purchasing Policy of The Ohio State University be revised as follows, effective immediately:

1. Under the direction of the Vice President for Business and Administration, the Office of Business Services shall have the responsibility and requisite authority for the purchase of equipment, materials, supplies, and services for the University.

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2. Except as provided below, all equipment, materials, supplies, and services shall be purchased through solicitation of competitive bids or proposals except where such equipment, materials, supplies, or services are purchased pursuant to Sections 4115.31 to 4115.35 and 5147.07 of the Revised Code, or where the amount of such purchase of equipment, materials, supplies is less than ten thousand dollars or where the purchase of such services is less than twenty thousand dollars. In addition, the purchase of any combination of equipment, materials, supplies, and services of twenty thousand dollars or more shall be made through solicitation of competitive bids or proposals. The above threshold amounts notwithstanding, the University may require competitive bidding for purchases below these threshold amounts if it determines that such bidding is in the best interest of the University. Contracts shall be awarded to the lowest and best bidder on each item. In accordance with policies and procedures established by the Office of Business and Administration, the University may accept or reject any or all bids or proposals in whole or by item.

3. The President and/or Vice President for Business and Administration may grant a waiver from competitive bidding when he or she determines that an emergency or a sufficient economic reason exists, or that the equipment, materials, supplies, or service can be purchased only from a single supplier ("sole source").

4. In compliance with Section 125.081 of the Revised Code, the University shall set aside a number of purchases each year for bidding by certified minority businesses only. The bidding procedures for such contracts shall be the same as for all other contracts except that: 1) only minority business enterprises certified by the State of Ohio Equal Employment Opportunity Coordinator shall be qualified to submit bids and 2) the cost of products and services may not exceed the estimated market price by more than approximately 10 percent. If bids are rejected because of this cost consideration, the purchase shall be offered again for bid by all interested vendors in accordance with standard bidding procedures.

5. This policy shall not apply to employment or reemployment of teaching or administrative personnel; the acquisition of objects of fine and decorative art, pursuant to the policy adopted by this Board on December 8, 1983; the purchase of supercomputing equipment, pursuant to the policy adopted by this Board on October 3, 1986; or purchases made through the University Hospital Consortium, Inc., pursuant to the policy adopted by this board on October 3, 1986.

6. This applies to all funds administered by The Ohio State University.

Upon motion of Mr. Barone, seconded by Ms. Casto, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix LVII for background material, page 899.)

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Mr. Scott:

Mr. Chairman, this resolution has to do with a requirement of law in instances where the University reaches impasse in any of its negotiations with various labor organizations. In this case, it happens to be the International Association of Fire Fighters.

What has transpired over the last several months has been a long drawn out negotiation process including items regarding work schedules, shift selection, over-time, economic, as well as other kinds of issues. The two parties simply could not resolve those issues, and under statute we have reached an impasse, and move next to a fact finding process.

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We do have the fact finders report and while there were many comments by the fact finder that the University find totally acceptable, there were several that we felt was not acceptable. In that light, the recommendation is that the University Board, by Statute, must take action and the recommendation of the Administration is that we reject the fact finders report.

I should add that if the Board approves our recommendation then the process means that we resume negotiations and hopefully can resolve these questions at the table.

Mr. Teaford:

Thank you, Mr. Scott.

### **INTERNATIONAL ASSOCIATION OF FIRE FIGHTERS**

Resolution No. 92-79

Synopsis: Rejection of a fact-finder's report regarding contract negotiations with Local 2867, International Association of Fire Fighters (IAFF) is proposed.

WHEREAS the University has engaged in good faith bargaining with the IAFF since November 1991 regarding renewal of its collective bargaining agreement which expired January 31, 1992; and

WHEREAS the University and IAFF have reached impasse and pursuant to a procedure mandated by statute, a University representative met with IAFF representatives and a fact-finder to attempt to resolve remaining issues; and

WHEREAS the fact-finder has issued a set of recommendations which include, among other features, a 4 percent wage increase beginning February 1, 1992, a 4 percent wage increase to be effective February 1, 1993, and a \$500.00 signing bonus which the University finds to be unacceptable in light of the current budgetary constraints:

NOW THEREFORE

BE IT RESOLVED, That the fact-finder's report be rejected.

Upon motion of Amb. Wolf, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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### **ACADEMIC AFFAIRS COMMITTEE REPORT**

Ms. Casto:

The Dependent Care Commission was created in July 1990 by Frederick Hutchinson, Senior Vice President for Academic Affairs, to commemorate the 20th anniversary of child care on The Ohio State University campus. The report from the Commission was released in August. Two members of the Commission, Bonnie S. Kantor and Judy Fountain, provided an overview of the Commission and its work.

Through surveys of students, staff, and faculty, important information has been obtained about the care giving needs of University members. Using the findings, the Commission made four board recommendations including University policies, information dissemination, cost effective services, and an advisory committee.

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Implementation of these recommendations enhances the work and educational environment for all and assures a leadership position for The Ohio State University as it moves in the 21st century.

Our second report was from Dr. Richard D. Altick, Regents Professor Emeritus of The Ohio State University. He is the author of sixteen books, five of them published since his retirement from the English Department in 1982. His last book, *The Presence of the Present: Topics of the Day in the Victorian Novel*, was published by The Ohio State University Press last spring, and has just won the Christian Gauss Award. The Christian Gauss Award is given annually by Phi Beta Kappa for the best book of literary scholarship or criticism, and is the most prestigious prize in its field.

Professor Altick, a world renowned scholar of Victorian literature and culture, spoke about the book and the vital and important role the University has played in supporting research and the publication of its results.

We have several resolutions on the agenda that need approval:

**REPRINTED STATUTES APPLYING TO THE UNIVERSITY, BYLAWS OF THE  
BOARD OF TRUSTEES, AND RULES OF THE UNIVERSITY FACULTY**

Resolution No. 92-80

Synopsis: Approval of the reprinted Statutes Applying to the University, Bylaws of the Board of Trustees, and Rules of the University Faculty is proposed.

WHEREAS the publication entitled Statutes Applying to the University, Bylaws of the Board of Trustees, and Rules of the University Faculty has been reprinted to conform to the changes approved by the Board of Trustees since the last date of publication in March 1987; and

WHEREAS Section 111.15 of the Ohio Revised Code requires state-assisted institutions of higher education to file the current rules and regulations which have been adopted or promulgated by the Board of Trustees:

NOW THEREFORE

BE IT RESOLVED, That the reprinted text of the Statutes Applying to the University, Bylaws of the Board of Trustees, and Rules of the University Faculty dated February 1992, be adopted as the official publication of the Board of Trustees.

Upon motion of Ms. Casto, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**HONORARY DEGREE**

Resolution No. 92-81

Synopsis: Approval of awarding an honorary degree to Warren E. Burger is proposed.

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WHEREAS pursuant to paragraph (C) of rule 3335-3-03 of the Administrative Code, the President, after consultation with the Steering Committee of the University Senate, recommends to the Board of Trustees awarding of an honorary degree as listed below:

Warren E. Burger

Doctor of Laws

NOW THEREFORE

BE IT RESOLVED, That the above honorary degree be awarded in accordance with the recommendation at a time convenient to the University and the recipient.

Upon motion of Ms. Casto, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**DEGREES AND CERTIFICATES - WINTER QUARTER COMMENCEMENT**

Resolution No. 92-82

Synopsis: Approval of the degrees and certificates for Winter Quarter Commencement is proposed.

WHEREAS pursuant to paragraph (E) of rule 3335-1-06 of the Administrative Code, the Board has authority for the issuance of degrees and certificates; and

WHEREAS the faculties of the colleges and schools shall transmit, in accordance with rule 3335-9-29 of the Administrative Code, for approval by the Board of Trustees the names of persons who have completed degree and certificate requirements; and

WHEREAS the College of Social Work has recommended that Daniel Z. Alavi be awarded a Bachelor of Science in Social Work degree posthumously:

NOW THEREFORE

BE IT RESOLVED, That the degrees and certificates be conferred on March 20, 1992, to those persons who have completed the requirements for their respective degrees and certificates and are recommended by the colleges and schools, and that Daniel Z. Alavi be awarded the above named degree, posthumously, and that the names of those persons awarded degrees and certificates be included in the minutes of this meeting.

Upon motion of Ms. Casto, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**PERSONNEL ACTIONS**

Resolution No. 92-83

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the December 6, 1991 meeting of the Board, including the following Appointment, Appointment of Chairpersons, Reappointment of Chairperson, Professional Improvement Leaves--Cancellation, Professional Improvement Leave--Change in Dates, Emeritus Titles, and Medical Staff Appointments and Reappointments (The Arthur G. James Cancer Hospital and Research Institute) as detailed in the University Budget be approved.

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Appointment

Name: LINDA TOM  
Title: Vice President  
Office: Human Resources and Relations  
Effective: February 15, 1992  
Salary: \$140,004.00  
Present Position: Corporate Director of Staffing and Human Resource Programs,  
Rhone-Poulenc Rorer, Fort Washington, PA

Appointment of Chairpersons

February 1, 1992 through June 30, 1996

Neurology Jerry R. Mendell

March 1, 1992 through June 30, 1993

Civil Engineering Tien H. Wu\*

Reappointment of Chairperson

July 1, 1992 through June 30, 1996

Family Relations and Human Development Albert J. Davis

\*Acting Chair

Professional Improvement Leaves--Cancellation

EUGENE JONES, Associate Professor, Department of Agricultural Economics and Rural Sociology, effective Winter Quarter and Spring Quarter 1992.

GALA L. WALKER, Associate Professor, Department of East Asian Languages and Literatures, effective Autumn Quarter 1991, Winter Quarter and Spring Quarter 1992.

Professional Improvement Leave--Change in Dates

HOWARD P. FINK, Professor, College of Law, change leave from January 1, 1992 through December 31, 1992, to January 1, 1992 through June 30, 1992.

Emeritus Titles

WILLIAM R. WALLACE, College of Dentistry -- Administration, with the title Dean and Professor Emeritus, effective January 1, 1992.

DAVID G. CORNWELL, College of Medicine -- Administration, with the title Associate Dean and Professor Emeritus, effective March 1, 1992.

JOHN E. ANDREAS, Department of Veterinary Clinical Sciences, with the title Professor Emeritus, effective January 1, 1992.

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ALBERT B. BISHOP, Department of Industrial and Systems Engineering, with the title Professor Emeritus, effective January 1, 1992.

VIRGIL E. BLANKE, Department of Educational Policy and Leadership, with the title Professor Emeritus, effective March 1, 1992.

PHILIP M. CARROLL, Department of Labor Education and Research Service, with the title Professor Emeritus, effective January 1, 1992.

JOHN C. CHAMBERS, Department of Management Sciences, with the title Professor Emeritus, effective January 1, 1992.

RALPH T. COMPTON, JR., Department of Electrical Engineering, with the title Professor Emeritus, effective January 1, 1992.

MARION L. CREMER, Department of Human Nutrition and Food Management, with the title Professor Emeritus, effective January 1, 1992.

ROCCO D. D'ANGELO, College of Social Work, with the title Professor Emeritus, effective March 1, 1992.

SAMUEL L. DIXON, College of Social Work, with the title Professor Emeritus, effective March 1, 1992.

RAYMOND W. DOSKOTCH, College of Pharmacy, with the title Professor Emeritus, effective March 1, 1992.

WILLIAM D. DOWLING, Department of Educational Studies: Humanities, Science, Technological, and Vocational, with the title Professor Emeritus, effective March 1, 1992.

MOJMIR DRVOTA, Department of Photography and Cinema, with the title Professor Emeritus, effective February 1, 1992.

WARREN W. EASON, Department of Economics, with the title Professor Emeritus, effective March 1, 1992.

JOHN B. GABEL, Department of English, with the title Professor Emeritus, effective March 1, 1992.

FRANK F. GIBSON, Department of Finance, with the title Professor Emeritus, effective January 1, 1992.

KENNETH M. HANSON, Department of Physiology, with the title Professor Emeritus, effective March 1, 1992.

FRANK L. HIMES, Department of Agronomy, with the title Professor Emeritus, effective January 1, 1992.

PHILIP B. HOLLANDER, Department of Pharmacology, with the title Professor Emeritus, effective February 1, 1992.

LLOYD A. HORROCKS, Department of Medical Biochemistry, with the title Professor Emeritus, effective January 1, 1992.

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WILLIAM E. HUNT, Department of Surgery (Neurological), with the title Professor Emeritus, effective January 1, 1992.

GENE A. ISLER, Department of Animal Science, with the title Professor Emeritus, effective January 1, 1992.

HOWARD N. LAFEVER, Department of Agronomy (OARDC), with the title Professor Emeritus, effective January 1, 1992.

MARLIN L. LANGUIS, Department of Educational Theory and Practice, with the title Professor Emeritus, effective March 1, 1992.

A. JOHN MEROLA, Department of Medical Biochemistry, with the title Professor Emeritus, effective March 1, 1992.

DAVID L. MOFFATT, Department of Electrical Engineering, with the title Professor Emeritus, effective January 1, 1992.

WILLIAM MOORE, JR., Department of Educational Policy and Leadership, Professor Emeritus, effective February 1, 1992.

ZOLTAN A. NEMETH, Department of Civil Engineering, with the title Professor Emeritus, effective March 1, 1992.

RICHARD C. O'BRIEN, College of Dentistry (Diagnostic Services), with the title Professor Emeritus, effective January 1, 1992.

RICHARD N. PRATTE, Department of Educational Policy and Leadership, with the title Professor Emeritus, effective March 1, 1992.

JOSEPH J. QUARANTA, Department of Educational Theory and Practice, with the title Professor Emeritus, effective March 1, 1992.

KEITH E. RICHARDSON, Department of Medical Biochemistry, with the title Professor Emeritus, effective March 1, 1992.

RICHARD J. SHUMWAY, Department of Educational Theory and Practice, with the title Professor Emeritus, effective January 1, 1992.

RUSSELL V. SKAVARIL, Department of Molecular Genetics, with the title Professor Emeritus, effective January 1, 1992.

JOHN L. TEWKSBURY, Department of Educational Theory and Practice, with the title Professor Emeritus, effective March 1, 1992.

CHARLES F. WOOLEY, Department of Internal Medicine (Cardiology), with the title Professor Emeritus, effective March 1, 1992.

MARVIN R. ZAHNISER, Department of History, with the title Professor Emeritus, change effective date from January 1, 1991, to January 1, 1992.

ROBERT R. BARGAR, Department of Educational Policy and Leadership, with the title Associate Professor Emeritus, effective March 1, 1992.

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JAMES A. BARTOS, Department of Management Sciences, with the title Associate Professor Emeritus, effective March 1, 1992.

JOHN P. BENDEKOVIC, College of Social Work, with the title Associate Professor Emeritus, effective March 1, 1992.

JOHN M. DELPHIA, Department of Cell Biology, Neurobiology and Anatomy, with the title Associate Professor Emeritus, effective March 1, 1992.

DONALD W. GOOD, Department of English, with the title Associate Professor Emeritus, effective March 1, 1992.

LOWELL E. HEDGES, Department of Agricultural Education, with the title Associate Professor Emeritus, effective January 1, 1992.

ROBERT C. JONES, Department of English, with the title Associate Professor Emeritus, effective March 1, 1992.

EDGAR MOORE, Department of Labor Education and Research Service, with the title Associate Professor Emeritus, effective January 1, 1992.

OTTO SANTOS, JR., Department of Educational Studies: Humanities, Science, Technological, and Vocational, with the title Associate Professor Emeritus, effective March 1, 1992.

JAMES M. SWEENEY, School of Health, Physical Education and Recreation, with the title Associate Professor Emeritus, effective March 1, 1992.

WILLIAM A. WELKER, College of Dentistry (Restorative and Prosthetic Dentistry), with the title Associate Professor Emeritus, effective January 1, 1992.

BERNARD A. BLOCK, University Libraries, with the title Assistant Professor Emeritus, effective January 1, 1992.

FRANK M. PIERSON, School of Allied Medical Professions, with the title Assistant Professor Emeritus, effective January 1, 1992.

ROBERT D. SEDORIS, School of Music (Lima Campus), with the title Assistant Professor Emeritus, effective January 1, 1992.

PEGGY D. WILSON, School of Allied Medical Professions, with the title Assistant Professor Emeritus, effective January 1, 1992.

GEORGE K. ZULANDT, Department of English (Mansfield Campus), with the title Assistant Professor Emeritus, effective January 1, 1992.

SAMUEL NATOLI, College of Dentistry (Community Dentistry), with the title Clinical Assistant Professor Emeritus, effective January 1, 1992.

Medical Staff Appointment (The Arthur G. James Cancer Hospital and Research Institute)

CAVAZOS, FILIBERTO, M.D., Associate Attending Staff, Pathology  
Medical Staff Reappointment (The Arthur G. James Cancer Hospital and Research Institute)

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July 1, 1991 through June 30, 1993

GARTH F. ESSIG, M.D., Associate Attending, OB/GYN

Upon motion of Ms. Casto, seconded by Mr. Celeste, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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### **RESOLUTIONS IN MEMORIAM**

Resolution No. 92-84

Synopsis: Approval of the following Resolutions in Memoriam are proposed.

RESOLVED, That the Board adopt the following Resolutions in Memoriam and that the President be requested to convey a copy to the families of the deceased.

Mr. Teaford:

It is always particularly difficult for the Members of the Board when we have to deal with the passing of one of our own. Len Immke was an extraordinary Member of this Board. His wisdom in difficult times was always apparent, his generosity to this University community was often not apparent because he was such a modest man who gave in the spirit that people should give. One of the best examples of that, and you can remember this next fall when you see the Ohio State marching band go on the field, know that Len Immke paid for all of those uniforms and never wanted any recognition of that fact during his life.

On behalf of this University and this community and particularly those members of this Board who served with Len, I want to give the expression of this Board of its deepest sympathy to Mrs. Immke. And I would like to give her that now.

Leonard J. Immke, Jr.

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on December 6, 1991, of Leonard J. Immke, Jr., former chairperson and member of the Board of Trustees of The Ohio State University.

Mr. Immke was born in Cleveland, Ohio, and relocated to Columbus in the early 1960s where he established himself as truly one of the outstanding business and community leaders in Central Ohio. Mr. Immke served on the Board of Trustees of Ohio State University from November 1978 through May 1979 and again from May 1980 through May 1989.

Mr. Immke's support of and involvement with The Ohio State University extended well beyond his appointments as a Trustee. He served as a member of the President's Club until his death. He also served as a Director of the University Development Fund Board and chaired several Board of Trustees committees, including the fiscal affairs committee and the educational affairs committee. At the time of his death he was serving as a member of The Ohio State University's Hospitals Board.

In addition to this service, in 1985 Mr. Immke established the Leonard J. Immke, Jr. and Charlotte L. Immke Chair in Cancer Research. He also supported a number of University projects, including professional studio training in the visual arts, Student Athlete Grant-In-Aid, and various projects in the Colleges of Human Ecology and Engineering. Through his generosity, Mr Immke also provided The Ohio State Marching Band with new uniforms in 1988.

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Mr. Immke was owner and president of Len Immke Buick, Immke Crestview Cadillac, Immke Northwest Honda, and Immke Circle Leasing and Acura of Dayton. In addition to his automobile businesses, Mr Immke held several real estate interests and was a member of the Dublin Associates, co-founder and director of Wendy's International Inc., and Columbus Auto Dealers Association.

Mr. Immke also held positions in numerous professional and civic organizations in Columbus. He served as honorary chairman of the National Kidney Foundation of Central Ohio Inc., and as a member of the Mayor's Bicentennial Commission. In addition, he had been a trustee of Children's Hospital and the Columbus Symphony Orchestra, and a past director of the Columbus Cancer Clinic, Children's Hospital, and the Center of Science and Industry. He also was a member of Banc Ohio and the Ohio Negro College Fund.

On behalf of the University community, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in their loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Ms. Casto:

In addition, the Board of Trustees would like to express its sorrow upon the passing December 17, 1991, of Dr. Elizabeth D. Gee, Associate Professor in the College of Education and Associate Vice President of Development at The Ohio State University.

One can't help but feel a sense of warmth when thinking of Dr. Gee. Her many contributions in the advancement of women's issues including education, home, and community have helped inspire the lives of many. She was a motivating force that challenged the minds and lives of many people that she knew, as well as the people that only knew of her, and in her memory, we of The Ohio State University Family hope to foster the vision and the spirit that she represented. And we have this to give to you, Mr. President.

Elizabeth D. Gee

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on December 17, 1991, of Dr. Elizabeth D. Gee, Associate Professor in the College of Education and Associate to the Vice President for Development at The Ohio State University.

Elizabeth Gee was born in Santa Monica, California. She received her B.A. from the University of Utah, in 1968, her M.A. in History in 1979 from Brigham Young University, and her Ed.D. in Interdisciplinary Studies in 1985 from West Virginia University.

Prior to coming to Ohio State in September 1990, Dr. Gee served as Senior Research Associate, Women Studies Program at the University of Colorado at Boulder and as Senior Research Associate and Adjunct Professor at the Center for Health Ethics and Policy, University of Colorado at Denver. She had also served as a Special Assistant to the University of Colorado Foundation, an Adjunct Professor in the School of Nursing at the University of Colorado at Denver, and Director of Programs at the Alexandria Institute.

Dr. Gee became well known for her research and teaching in the areas of professional and biomedical ethics, as well as various gender-related issues. She authored numerous academic articles and presented on topics ranging from engineering ethics to gender-related attorney negotiating styles, from the importance of community foundations to contemporary issues regarding breast cancer. Numerous excerpts from her personal journals have been published.

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Dr. Gee dedicated herself to promoting an increased recognition of women's contributions to the home, workplace, community and country. She stimulated and encouraged others to challenge themselves intellectually and morally on social issues, and she achieved great respect as a teacher, advisor, and mentor. She continuously advocated on behalf of health awareness, particularly cancer awareness, and spoke frequently with cancer survivors, their families and friends. Her willingness to share her personal experience with cancer was an inspiration to those who knew her and countless people she had never met.

In addition, Elizabeth Gee was extensively involved in numerous civic and professional organizations. She held positions with the American Educational Research Association, the Colorado Women's Studies Association, the Hasting Center for Ethics, Council on Ethics in Economics, the American Lung Association, The Ohio State University Commission on Women, The Ohio State University Hospitals Service Board, and the Steering Committee of the Supreme Court of Ohio/Ohio State Bar Association Joint Commission on Gender Fairness. Her many honors included membership in Phi Kappa Phi, Phi Alpha Theta, Kappa Delta Pi, and Phi Delta Kappa.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Ms. Casto:

We are also recommending Resolutions in Memoriam for:

Francis R. Calderwood

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on December 4, 1991, of Francis R. Calderwood, Associate Professor Emeritus of the Cooperative Extension Service.

Mr. Calderwood was born May 22, 1920, in New Castle, Pennsylvania. He served in the military service from July 1942 until November 1945. He then completed his B.S. in Agriculture at The Ohio State University in 1951. He also completed study at the Merrill-Palmer Institute of Human Development and Family Life in Detroit, Michigan. He received his Master's Degree in 1964.

Mr. Calderwood began his Extension experience in Ohio when he joined the faculty at The Ohio State University in 1951 as an Associate County Extension Agent in Cuyahoga County. On July 1, 1958 he became the County 4-H Agent in Cuyahoga County and continued in this position until his retirement in 1983.

Among the many projects Mr. Calderwood guided as an Extension 4-H Agent, were programs based on the needs of people in the large metropolitan community of Cleveland. His efforts concentrated on one of the first urban 4-H programs in the nation. He expanded the leadership in 4-H programs to include churches, Police Athletic Leagues, Juvenile Detention Centers, neighborhood centers, other youth groups and street clubs. He adapted and initiated camping programs to meet the needs of inner-city youth. He gave leadership to the first 4-H opportunity camp in Ohio for the low income-disadvantaged youth. Francis effectively used mass media of radio and TV to create awareness among parents, youth, and 4-H advisors about the 4-H program opportunities.

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Mr. Calderwood received recognition from the National Association of Extension 4-H Agents, from the Ohio Cooperative Extension Agents Association, and from the 4-H advisors of Cuyahoga County. He is known nationwide for his highly innovative approaches to reaching young people in highly urbanized areas. Also, he had been recognized in his community and in his county as a leader in his church, with civic groups, and with higher education associations in the county.

Mr. Calderwood's contributions in providing excellent Extension educational programs during his career earned him the respect and admiration of his co-workers and many thousands of Ohio citizens throughout the length and breadth of Cuyahoga County.

On behalf of the University community, the Board of Trustees expresses its sympathy and understanding to family and friends of Francis R. Calderwood. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

James R. Hull

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on November 2, 1991, of James R. Hull, Assistant Professor Emeritus, in the College of Dentistry (Orthodontics).

A native of Greenfield, Ohio, Dr. James Hull was involved with The Ohio State University for nearly fifty years as a student, faculty and strong supporter of its programs. As a student, he became a basketball All-American in 1939, captain of the basketball team that placed second in the first NCAA tournament and was that tournament's first scoring leader. He was elected to membership in Sphinx Honor Society and Psi Omega dental fraternity and served as a justice of Student Court.

After graduating from the College of Dentistry in 1943 and serving two and one-half years as an officer in the Navy, he returned to Columbus and opened his office for the practice of orthodontics. He joined the faculty of the College of Dentistry in 1946 and served as a valued part-time instructor for 41 years until his retirement as Assistant Professor Emeritus in 1987.

Dr. Hull's devotion to his students is especially noteworthy. He was a tremendous inspiration to hundreds of dental students and graduate orthodontics residents. The students looked forward to his practical approach to managing a dental office, his devotion to his patients and his ability to instill a responsibility to one's community as a professional. He maintained his support to his students through serving on the board of the dental fraternity and taking leadership roles in the profession of dentistry.

His devotion to Ohio State was seen in the service he provided. He was alumni representative to the Athletic Council, a two-term member of the Alumni Association Board of Directors, second vice-president of the Alumni Association, Alumni Advisor Council representative, Varsity "O" (where he served as President), Presidents Club, National Campaign Committee, and Development Fund Board of Directors. He is one of the 22 charter members of The Ohio State Athletic Hall of Fame and has been honored by Ohio State with a Distinguished Service Award in 1969 and a Centennial Award in 1970.

Dr. Hull was also active in community service. Some of his activities included: being a former president of the Columbus Rotary Club, Friends of the Columbus Public Library, Columbus Club, and University Club.

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On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in their loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Ruth B. Irwin

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on December 23, 1991, of Ruth Beckey Irwin, Professor Emeritus in the Department of Speech and Hearing Science.

Dr. Irwin was born in Linwood, Kansas, on January 8, 1906. She received her B.S. in Education in 1929 from Emporia State University, Emporia, Kansas. She received her M.A. from the University of Iowa, and a Ph.D. in 1940 from the University of Southern California.

In 1949 Dr. Ruth Irwin was appointed to the faculty of The Ohio State University and rose from the rank of assistant professor to professor. From 1973-1976 she served as Director of the Speech and Hearing Science Section in the Department of Communication. In addition to her teaching at The Ohio State University, Dr. Irwin taught at William Penn College, Nebraska State Teachers College, and Ohio University where she directed the speech clinic. In 1945 she became the first supervisor of Speech and Hearing Therapy for the State of Ohio and served in that post for four years.

Dr. Irwin received many honors during her career. She received the Distinguished Alumna Award in 1979 from Emporia State University. She was elected a fellow in the American Speech and Hearing Association (ASHA), the American Psychological Association (APA) and in the Ohio Speech and Hearing Association (OSHA). She received the Honors of the American Speech-Language-Hearing Association for the part she played in the development of the certification procedures and philosophies that have enabled ASHA to develop strong certification procedures. Dr. Irwin was the first individual affiliated with a university that espoused the importance of the public school clinician. She supported their cause through publications, including the first textbook that dealt with speech and hearing therapy in the public school. Dr. Irwin was listed in Who's Who in the Midwest, Who's Who in Education, Who's Who of American Women, Leaders in American Science, Leaders in Education, and the Dictionary of International Biography.

Dr. Irwin leaves a rich legacy to the field, to the students whom she instructed and advised, and to all those who knew her as a friend. She was a person who was instrumental in shaping the lives of many; a person who held high standards and gave substantial support and encouragement to others who endeavored to meet those standards.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Josaphat B. Kubayanda

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on November 28, 1991, of Josaphat (Joe) Kubayanda, Associate Professor and former chairperson of the Department of Spanish and Portuguese.

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Josaphat Kubayanda was born on January 13, 1944, in Nandom, Ghana. He attended Catholic mission schools for his primary and secondary education, and won a scholarship to the University of Ghana in Legon, where he obtained an honors degree in French in 1970. Two years later, he completed a second bachelor's degree in Spanish at the University of London, where he also received his M. Phil. in 1974. In 1981, he received his doctorate in Spanish from the University of Washington (St. Louis), where he was a recipient of the Bryant Fellowship for outstanding graduate work.

During his nine years as a faculty member at The Ohio State University, Dr. Kubayanda served as the Director of the Spanish Language Program before becoming the Acting Chairperson of the Department of Romance Languages and Literatures. When this department was divided into two separate academic units, he continued to serve with distinction as Chair of the newly created Department of Spanish and Portuguese. His brilliant record as a dynamic, caring teacher was reflected by the fact that he received the Alumni Distinguished Teaching Award and the Arts and Sciences Outstanding Teacher Award of The Ohio State University, and the Jaime Escalante Award for Extraordinary Teaching from the American Association for Higher Education. Even years after they had taken Spanish or Comparative Studies courses with Dr. Kubayanda, many students returned to ask for his advice and counsel. As faculty advisor for the All Africa Students' Association, he was always available whenever members of the organization needed his help or advice. In addition to his very generous academic involvement with students, he served as associate editor of the journal *Research in African Literatures*, as member of the African Literature Division and the Delegate Assembly of the Modern Language Association of America, and as a member of the executive committee of the African Literature Association. He also served as a consultant reader for a number of professional journals and publishing houses.

Dr. Kubayanda published numerous articles on minority discourse, the Latin American novel, the literature of dictatorship, Afro-Hispanic literary relationships, and recently published his first book, *The Poet's Africa*; he had also completed two highly praised book length manuscripts, *Literature and Dictatorship in Africa and Latin America*, and *Nicolas Guillen*, which will be published in the near future by major university presses.

As a result of his infectious enthusiasm and his wide-ranging knowledge of literature and critical theory, Dr. Kubayanda brought undergraduate and graduate students as well as colleagues into contact with the latest developments in such areas as minority discourse, orality, gender studies, and alternative cultural perspectives. Even at his relatively young age, he had become a trusted mentor of students and younger colleagues. A gentle and principled man, Dr. Kubayanda brought a remarkable intellectual generosity and human warmth to all his contacts with people within the university community.

On behalf of the University, the Board of Trustees expresses to the family its sense of understanding in their loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

James R. McCoy

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on December 15, 1991, of James R. McCoy, Dean Emeritus in the College of Business.

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James R. McCoy was born April 25, 1910, in Cambridge, Ohio. He received a Bachelor of Science (1934) and a Master in Business Administration degree (1936) from The Ohio State University, majoring in accounting. Dean McCoy was associated with Ohio State for 37 years. He taught at the University of Iowa for one year before joining the Ohio State faculty in 1937. He returned to Ohio State after military leave from 1941 to 1946 when he was discharged with the rank of major. In 1946, Dean McCoy became a certified public accountant and was promoted to associate professor; in 1950, he became a full professor. He served as Chairperson of the Department of Accounting from 1956-59. In 1959, he became Dean of the College of Commerce and Business Administration, serving in that capacity until his retirement in 1974.

Dean McCoy was a past president of the Columbus Chapter of the Ohio Society of Certified Public Accountants and served as director and, in 1961, as district vice-president of the National Association of Accountants. He was a member of the American Accounting Association, an associate member of the Controllers Institute of America, as well as honorary and professional collegiate associations.

Dean McCoy was co-author of Introduction to Accounting, editor of The Ohio Certified Public Accountant, and on the editorial advisory board of the Journal of Accountancy, 1954-57. He served on many university committees and was active in civic affairs. At various times, Dean McCoy served on the Council of Instruction, the Faculty Council, Athletic Council, and as the faculty representative to the Western Conference. He was active in Rotary and the United Appeals board of trustees.

During his tenure as dean, the College underwent a major reorganization. In 1972, Dean McCoy formed the Business Administration Advisory Council, dedicated to fostering communication between business and higher education. Under his leadership, the graduate and undergraduate curricula was steadily upgraded to include more courses in mathematics, statistics, computer programming, and an integrative capstone undergraduate business policy course. Upon his retirement, the James R. McCoy Scholarship Fund was endowed for deserving students in the College of Business. In recognition of his long and meritorious career at The Ohio State University, Dean McCoy was awarded the University Distinguished Service Award in 1978.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in their loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Philip A. Renner

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on December 13, 1991, of Philip A. Renner, Instructor Emeritus in the Department of Poultry Science.

Philip A. Renner was born September 26, 1941, in Columbus, Ohio. He received his B.S. at The Ohio State University in 1963. He taught Vocational Agriculture at Centerburg High School, Centerburg, Ohio for one year. Mr. Renner joined the Department of Poultry Science, Ohio Agricultural Research and Development Center, Wooster, as a technical assistant in 1965 and served as the manager of the Turkey Research Center. In 1968 he was promoted to the faculty rank of Instructor.

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Mr. Renner was active in research and extension. He was author or co-author of 23 peer reviewed scientific publications, 7 abstracts, and 64 semi-scientific and popular articles. He was coordinator of the Ohio Rabbit School from 1979 until his retirement on June 30, 1991. During his tenure as coordinator, the Ohio Rabbit School became recognized as the premier rabbit educational program in the country. Mr. Renner was recognized for his contributions to the rabbit industry by being elected to the Ohio Rabbit Breeders Hall of Fame in 1986.

Mr. Renner was very active in community activities. He twice served as president of the local parent teachers association and was a member of numerous community organizations. He also served as a judge at local and regional science fairs and poultry and rabbit shows. Mr. Renner was a member of The Poultry Science Association, American Rabbit Breeders Association, Ohio Rabbit Breeders, and Gamma Sigma Delta, The Honor Society of Agriculture.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in their loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Henry E. Wenden

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on December 13, 1991, of Henry Edward Wenden, Professor Emeritus in the Department of Geological Sciences.

Professor Wenden was born in New York City on November 24, 1916. He received a B.S. in Geology from Yale University in 1938. He spent four years during World War II serving with the Army Air Force and was discharged in 1945 with the rank of Technical Sergeant. He received an M.A. (1951) and a Ph.D. (1958) in Mineralogy from Harvard University. Dr. Wenden was an Instructor at Boston University from 1949-1953 and an Assistant Professor at Tufts University from 1953-1957. He joined the faculty of The Ohio State University as an Assistant Professor in 1957; he was promoted to Associate Professor in 1961 and was a Professor from 1963 until his retirement in 1983.

Professor Wenden was a fellow in the Mineralogy Society of America and the Ohio Academy of Science and a member of the Mineralogical Societies of Great Britain and Canada, the American Crystallographic Association, the National Association of Geology Teachers, and Sigma Xi (honorary).

Professor Wenden authored articles that were published in the leading mineralogical journals, coauthored the book *The Changing Science of Mineralogy* and made a substantial contribution to the 17th edition of Dana's *Manual of Mineralogy*, one of the most widely used textbooks in the field. His research on the diffusion of ions in quartz led to his being awarded a patent for developing a method of changing resonant frequency of quartz oscillator plates. He was a consultant for Owens-Corning Fiberglas, E.I. du Pont de Nemours, National Cash Register, and Wright-Patterson Air Force Base Research.

Professor Wenden was a teacher with few peers. He possessed the elusive faculty of enlivening even the most mundane facet of his subject by drawing on personal experiences and broad knowledge of the arts, history, and sciences. In discussions of advanced topics in his field he would never fail to contribute an illuminating explanation or a simplifying approach. Dr. Wenden

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was presented with the Neil Miner Award by the National Association of Geology Teachers in 1962 for eminence in stimulating interest in the earth sciences, the first time the Award had been given to a person in the midst of their career rather than to one who had reached retirement or for whom retirement was imminent. Dr. Wenden also received the Distinguished Teaching Award at The Ohio State University in 1964. For years he was deeply involved with the Teaching Commission of the International Mineralogical Association. His wisdom, counsel, and the enthusiasm with which he transmitted his love of mineralogy will not be forgotten by the students and colleagues whose lives he touched.

On behalf of the University, the Board of Trustees expresses to the family of Professor Wenden its deep sympathy and sense of understanding of their loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Alma Louise Wittmeyer

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on January 7, 1992, of Alma Louise Wittmeyer, Associate Professor Emeritus in the College of Nursing.

Alma Louise Wittmeyer was born April 19, 1925, in Cincinnati, Ohio. She began her education in nursing at Deaconess Hospital School of Nursing, Cincinnati, Ohio, graduating in 1946. She continued her education at The Ohio State University, earning a Bachelor of Science in Education in 1949 and a Master of Arts (Education-Guidance) in 1957. She participated in advanced education at the Institute for Behavioral Science National Training Laboratory in Bethel, Maine in 1966 and 1969. Ms. Wittmeyer was a nurse, teacher, and administrator. Her special interests involved the development of audiovisual materials in the instruction of nursing skills.

She joined the faculty of The Ohio State University School of Nursing as an Instructor in 1950. She was promoted to the rank of Assistant Professor in 1957 and Associate Professor in 1965. She worked as a member of the teaching staff and served as director of the Surgical Nursing Division. She directed a faculty group, with as many as twenty faculty members, teaching nursing arts and introductory nursing. She engaged in the initial research activities of the School of Nursing and published several articles in the nursing literature. She was a visiting Associate Professor at the School of Nursing, Wisconsin State University at Oshkosh 1970-71, and was named assistant director for health programs and Chairman of Health Services at the OSU Lima Campus in 1972. She served as Chairperson, Health Technologies Division, Professor of Nursing, Lima Technical College and Associate Director, The Ohio State University at Lima. While at Lima she oversaw the development of several health technology programs in addition to the Associate Degree program in Nursing. She was named as Associate Professor Emeritus in 1984.

Ms. Wittmeyer was recognized for her creativity in teaching. She foresaw the potential for television as a media for teaching nursing when television teaching was still in its infancy at The Ohio State University. She and other nursing faculty, under her guidance, prepared numerous videotapes that were used in teaching nursing fundamentals to several generations of nursing students. Her commitment to this form of instruction was evidenced in the guidance she gave to the design of the instructional facilities of Newton Hall, the College of Nursing Building.

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Ms. Wittmeyer had a strong commitment to students, evidenced not only through teaching, but also through her involvement with student organizations through the College of Nursing. She was a faculty advisor to the Torch Club, and the Student Faculty Government Association and served as advisor to the School of Nursing class of 1967. She was a member of Sigma Theta Tau, the National Honor Society for Nursing and served Epsilon chapter as its president, secretary, and faculty advisor. The College of Nursing Alumni Association recognized her by awarding her with honorary membership. In addition to her university affiliations, she also actively participated with the Ohio Nurses Association, the Ohio League for Nursing and other community organizations.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in their loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Hans J. Zassenhaus

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on November 21, 1991, of Hans J. Zassenhaus, Professor Emeritus in the Department of Mathematics.

Hans Zassenhaus was born in Coblinz-Moselweiss, Germany, on May 28, 1912. After four years of undergraduate and graduate studies at the University of Hamburg, he received his doctorate in June 1934 at the age of 22. In 1938, Professor Zassenhaus earned his 'Habilitation' with a fundamental paper laying the foundations of a new area of research. During his long and illustrious career, he taught at several universities: Rostock University, Germany (1934-36), University of Hamburg, Germany (1936-48); University of Glasgow, Scotland (1948-49), Fellow of the British Council; McGill University, Canada, (1949-59), Peter Redpath Professor; University of Notre Dame, (1959-63); The Ohio State University (1963-64), Mershon Visiting Professor; and The Ohio State University, (1964-82), Research Professor. Some of the visiting positions held by him were: Gauss Professor, Gottingen University; Heidelberg University; UCLA; and Warwick University.

Professor Zassenhaus was a truly outstanding mathematician and most inspiring colleague. Over a period of 58 years, he contributed about 150 research papers. His last paper appeared in 1991. His research interests included algebraic number theory, geometry of numbers, algebra and partial differential equations of mathematical physics. He had authored several books. His famous "Theory of Groups" (1949) remains an indispensable reference even today. Under his leadership, "The Journal of Number Theory" was established at Ohio State in 1969.

Professor Zassenhaus took a profound interest in teaching of mathematics at all levels. He directed a large number of Ph.D. dissertations, 20 at Ohio State. He was very kind to his students and was most generous in sharing his time and creative ideas. Each summer, for several years, he taught a selected group of gifted high school students.

Professor Zassenhaus' numerous academic honors included: The Lester Ford Prize of Mathematics Association of America, membership in The Royal Society of Canada, Distinguished Fairchild Scholar at the California Institute of Technology, Distinguished American Scientist Award of the Alexander von Humboldt Foundation, Sesquicentennial University Professor at Montreal University, Distinguished Research Award, The Ohio State University (1981), and several honorary degrees.

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On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in their loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Upon motion of Mr. Celeste, seconded by Mr. Colley, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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### **INVESTMENTS COMMITTEE REPORT**

Amb. Wolf:

The Investments Committee held its annual review of our seven endowment fund equity advisors yesterday. We met with representatives from the Students Investment class, the Chicago Corporation, R. Meeder & Associates, Neuberger/Berman Mutual Funds, Nicholas Applegate, Capital Management, Wells Fargo Investment Advisors, and Wood Island Associates. Each of those advisors reported on its performance for the past fiscal year, as well as its current outlook for the coming year.

It was reported for the 12 month period ending June 30, 1991, that the Chicago Corporation and Wells Fargo S&P 500 Fund surpassed the bench mark return on the S&P 500, which itself was an extraordinary high return. The Investment Committee is going to review the information submitted to us yesterday, and will present any proposed changes we have at a future meeting of this Board.

I would like to take just a moment to call your attention to the Endowment Portfolio Summary in our books. The monthly endowment summary for the period December 20, 1991 through January 17, 1992, that's a period of about one month. The market value of the endowment fund on January 17, 1992, was a remarkable \$409.7 million dollars. That's approximately \$23.5 million dollars above the figure a month earlier of December 20, 1991. And that market value represents an all time high.

I can say also happily say that this months increase of about 5.9 per cent represents the fifth highest monthly return in the Endowment Fund history. Just to give you a little clearer picture of those figures, the market value of the equity portion of our endowment fund increased \$24.2 million dollars; while the fixed income portion of the endowment fund decreased only \$64,000.00. Net new additions to the endowment fund totaled \$373,000.00 for that period.

Now since July 1, 1991, which is the beginning of our fiscal year, the endowment fund has increased also a remarkable \$58.5 million dollars. Of that amount net new additions were about \$19.5 million dollars; and the net change in market value counted for an increase of a little over \$39 million dollars. You will be pleased to know that the current assets allocation for the endowment fund is about 59 per cent invested in equities; 24 per cent in fixed income; 9 per cent in real estate; and 8 per cent in cash or cash equivalents.

All equity and fixed income advisors have had higher market values now, then they did 12 months ago. And for those of you who are interested, in the agenda book is the quarterly endowment fund report for the period ending December 20, 1991. This is a very happy result we've had the last 6 months and the last month, in particular, and the University will benefit because of these results. Thank you, Mr. Chairman.

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Mr. Teaford:

I would just note that two of the people who represented our investment managers yesterday are with us today. The two students who presented the report which indicated that the original \$5 million dollars that we gave to the students to invest is now at \$7.5 million dollars. And I would like them to stand and be recognized.

Dr. Gee:

I might just note, also, that Ambassador Wolf was interviewed yesterday by a number of radio stations and I heard him early this morning on National Public Radio commenting on a number of things. I got a particular chuckle, and the students will, too, when they hear, when he indicated that he would like to send his own portfolio to you. We look forward to hearing how that works out.

(See Appendix LVIII for complete context of The Ohio State University Endowment Summary, January 17, 1992, page 901).

(See Appendix LIX for complete context of The Ohio State University Endowment Fund Quarterly Reports, December 20, 1991, page 915.)

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#### **AGRICULTURAL AFFAIRS COMMITTEE REPORT**

Mr. Celeste:

I'm actually reporting on a meeting that was held in November. The Agricultural Affairs Committee meeting was held on November 6, 1991, at the College of Agriculture. Mr. Fred Dailey, Director of Agriculture for the State of Ohio and Vice Chairman of the Agricultural Affairs Committee, raised concerns that faculty and community leaders have regarding OARDC and the future of OARDC. Particularly, the effects of budget cuts and the Early Retirement program on the faculty and staff at Wooster, and Long-range plans for Wooster.

Dr. Moser gave a brief history on OARDC and dealt with several of the misconceptions that people have regarding the Center. He has since that time held open forums with the faculty and staff up in Wooster, and he and Director Daily have been up to Wooster. And, indeed, Dr. Moser, Director Daily and the Committee are planning to get together with community leaders and legislators in Wooster, to let them know about the College and University's support of OARDC, at the next meeting of the Agricultural Affairs Committee, scheduled for March 18, 1992. I'd like to encourage any members of the Board to participate with us in that meeting.

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#### **RESEARCH FOUNDATION REPORT**

Ms. Casto:

I'm pleased to report a 34 per cent increase in research dollars for the last 6 months of 1991 compared with 1990. Several large international awards contributed to this increase. One of special note is \$8.25 million dollar contract with the Government of Turkey to provide educational services.

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The project with Turkey was discussed with much interest at The Ohio State University Research Foundation Board of Directors meeting January 17. This contract illustrates how important culture and language are to negotiations. It also points out the added complications of large scale international projects. These include imprest bank accounts, provisions for foreign law, payment issues, and the time and travel demands to conclude contract negotiations. On the other hand it is a fine example of the benefits that the University international projects provide. Thus the consensus of the OSURF Board was that the Research Foundation should continue to encourage faculty efforts in this area and to assist them with special problems encountered in these projects.

At tab 1, which is the summary of sponsor awards, you will find the National Science Foundation support has increased substantially. Many disciplines across campus have been generating more NSF fund. As you know, we tend to measure our research ranking by the NSF and NIH barometer, so it is especially welcome news that we see both sectors up. With competition for scarce funds increasing it is heartening to know that The Ohio State University is doing better than holding its own.

An expenditure summary is provided at tab 2. Indirect cost recovery is up by a million dollars.

Tab 3 contains a list of November Awards and tab 4 contains a list of December Awards.

At tab 5 you will find abstracts from some of the projects funded during this reporting period. One spotlights the NSF statewide science education project that has been receiving considerable publicity. The criminology project, which is described, demonstrates the combined research and service role of the University.

Environmental science and environmental engineering are emerging resource priorities. Among the December awards are some examples of Ohio State University work in this area. At tab 6 some of the projects are highlighted. There is also additional descriptive information at tab 7 on Ohio State University faculty expertise in this field of research. This topic is receiving more visibility and attention both nationally and within the State of Ohio.

## **REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS**

Resolution No. 92-85

Synopsis: Approval of the following reports on contracts, grants, and gifts and the summary for November and December 1991 is proposed.

WHEREAS monies are solicited and received on behalf of the University from governmental, industrial, other agencies, alumni, and various individuals in support of research, instructional activities, and service; and

WHEREAS such gifts and grants are received through The Ohio State University Research Foundation, the Engineering Experiment Station of The Ohio State University, and The Ohio State University Development Fund:

NOW THEREFORE

BE IT RESOLVED, That the research agreement between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the reports from the Engineering Experiment Station, and The Ohio State University Development Fund during the months of November and December 1991 be approved.

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Upon motion of Ms. Casto, seconded by Amb. Wolf, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

(See Appendix LX for The Ohio State University Development, page 925.)

(See Appendix LXI for Report of Research Contracts, Grants, and Gifts, page 927.)

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

Summary

NOVEMBER 1991

Source	7/1/90-11/30/90	7/1/91-11/30/91	November 1991
The Ohio State University Research Foundation	\$54,946,721.75	\$67,122,968.34	\$6,252,816.00
Engineering Experiment Station	\$ 3,646,788.00	\$ 2,911,702.00	\$ 343,441.00
OSU Foundation and Development Fund	\$19,155,212.00	\$16,263,137.00	\$3,852,051.00
The Ohio State University Development Fund			
Establishment of Named Funds			
The Charles and Theresa Brown Presidential, Distinguished, Medalist and University Scholarship Fund (Merit scholarships)			\$ 300,000.00
The Viola M. Wolfe Critical Difference for Women Re-Entry Scholarship Fund (Scholarships)			\$ 100,000.00
The College of Pharmacy Alumni Professional Education Fund (Support professional educational activities)			\$ 67,596.03
The Evelyn G. and George R. Ghearing Endowed Scholarship Fund (Scholarships - Marion Campus)			\$ 50,000.00
The John C. Geupel Cancer Research Endowment Fund (Support cancer research)			\$ 35,317.00
The Alumni Association Building Endowment Fund (Support building)			\$ 31,500.00
The Drug Distribution and Public Policy Programs Fund (Support teaching, research, and service programs)			\$ 25,000.00

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The Hazel M. Borntrager Memorial Fund  
(Discretion of the Board of Trustees) \$ 15,000.00

The Karl A. Borntrager Fund in Civil Engineering  
(Benefit department) \$ 15,000.00

Summary  
DECEMBER 1991

Source	7/1/90-12/31/90	7/1/91-12/31/91	December 1991
The Ohio State University Research Foundation	\$62,689,734.00	\$84,426,416.62	\$17,303,448.28
Engineering Experiment Station	\$ 4,047,556.00	\$ 3,361,502.00	\$ 449,800.00

The Ohio State University Development Fund

Establishment of Named Funds

The Andrew Hendrickson Scholarship Fund in Adult Education  
(Support financial assistance to a doctoral student) \$ 15,000.00

The Morgan Horvitz Fund in Veterinary Medicine  
(Scholarships) \$ 15,000.00

The Barbara A. and Peter B. Miller Endowed Scholarship Fund  
(Scholarships - Marion Campus) \$ 15,000.00

The Virginia Smith Stecker International Student Loan Fund  
(Short-term loans for international students) \$ 15,000.00

The Luther and Eloyce Tweeten Endowment Fund  
(Fund associateships and lectures in Agricultural Economics) \$ 15,000.00

The Ruby and Jack Weis Scholarship Fund  
(Scholarships - Marion Campus) \$ 15,000.00

Change of Name of Name Fund

From: The Steve & Sarah O'Donnell Fund for University Systems  
To: The Steve R. and Sarah E. O'Donnell Fund for University Systems

Change in Description of Named Fund

The Donald D. Glower Merit Scholarship Fund

Change of Name and Description of Professorship

From: The Robert M. Critchfield Professorship in Engineering  
To: The Robert M. Critchfield Fund in Engineering

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**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Description of Named Funds

The Charles and Theresa Brown Presidential,  
Distinguished, Medalist and University  
Scholarship Fund

The Charles and Theresa Brown Presidential, Distinguished, Medalist and University Scholarship Fund was established February 7, 1992, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from the estate of Ervin Brown, Chillicothe, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide one or more merit scholarships for Charles and Theresa Brown Presidential, Distinguished, Medalist and/or University Scholars. Students shall be selected based upon the criteria sanctioned by the Senior Vice President for Academic Affairs and Provost and administered by the University Honors Center in consultation with the University Committee on Student Financial Aid.

This merit scholarship initiative is the result of recommendations from the 1990 University Task Force on Undergraduate Recruitment and the 1990-1991 Undergraduate Recruitment Implementation Steering Committee to the Senior Vice President for Academic Affairs and Provost.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

The Viola M. Wolfe Critical Difference for  
Women Re-entry Scholarship Fund

The Viola M. Wolfe Critical Difference for Women Re-Entry Scholarship Fund was established February 7, 1992, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development from the estate of Viola M. Wolfe of Valley City, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide scholarships for women returning to school after a break in their education. Students will be selected upon the recommendation of The Critical Difference for Women Re-Entry Scholarship Committee in consultation with the University Committee on Student Financial Aid. Criteria shall include both need and merit.

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Description of Named Funds (contd)

The Viola M. Wolfe Critical Difference for  
Women Re-entry Scholarship Fund (contd)

It is the desire of the donor that this fund should benefit the University in perpetuity. Should the need for this fund cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

The College of Pharmacy Alumni  
Professional Education Fund

The College of Pharmacy Alumni Professional Education Fund was established February 7, 1992, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from alumni and friends of the College of Pharmacy.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to support professional educational activities, facilities, and/or programs of the College of Pharmacy as approved by the Dean. In the event that it becomes necessary to invade the principal to meet the above objectives, the Dean may do so at his discretion.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donors.

The Evelyn G. and George R. Ghearing  
Endowed Scholarship Fund

The Evelyn G. and George R. Ghearing Endowed Scholarship Fund was established February 7, 1992, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from Evelyn G. and George R. Ghearing.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Description of Named Funds (contd)

The Evelyn G. and George R. Ghearing  
Endowed Scholarship Fund (contd)

Twenty percent (20%) of the annual income shall be added to the fund's principal. The remaining eighty percent (80%) shall be used to award one or more education, engineering or business scholarships to deserving students who are attending The Ohio State University Marion Campus. Preference for scholarship awards shall be given to those students of freshman rank or higher who are pursuing study in education, engineering, or business, and who have a minimum overall G.P.A. of 3.0 or higher. The selection of the recipients shall be made by a committee consisting of a designated member of the Ghearing family and the University Committee on Student Financial Aid. The University shall make all reasonable attempts to contact a family member to have a representative present during the selection process. The successor of the above committee will be The Ohio State University Committee on Student Financial Aid in consultation with the Dean of The Ohio State University at Marion. Unused income in any given year shall be added to the principal of the fund.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson or program administrative officer in order to carry out the desire of the donors.

The John C. Geupel Cancer Research Endowment Fund

The John C. Geupel Cancer Research Endowment Fund for the Arthur G. James Cancer Hospital and Research Institute was established February 7, 1992, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund in memory of John C. Geupel.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to support cancer research in The Arthur G. James Cancer Hospital and Research Institute as approved by the Director of the Arthur G. James Cancer Hospital and Research Institute and the Vice President of Health Services.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the Director of The Arthur G. James Cancer Hospital and Research Institute and the Vice President of Health Services in order to carry out the desire of the donors.

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Description of Named Funds (contd)

The Alumni Association Building Endowment Fund

The Alumni Association Building Endowment Fund was established February 7, 1992, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from members and friends of The Ohio State University Alumni Association.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income and additional gifts are to be added to the principal for the purpose of planning, constructing and maintaining an Alumni Association Building on campus. Principal as well as income may be used for planning, construction and maintenance of the building. Funds remaining after planning and construction of the building shall be transferred to The Ohio State Alumni Association, upon their request, for the purpose of maintaining the building.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees, with preference being given to recommendations from the Board of Directors of The Ohio State University Alumni Association.

The Drug Distribution and Public Policy  
Programs Fund

The Drug Distribution and Public Policy Programs Fund was established February 7, 1992, by the Board of Trustees of The Ohio State University with a transfer of funds from the O.S.P.A. - Pathak Fund.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to assist in the development and operation of teaching, research, and service programs in the areas of drug distribution, pharmaceutical administration and public policy. Dr. Dev Pathak, or his designee, shall be responsible for the administration of this fund on behalf of the College of Pharmacy at The Ohio State University as long as Dr. Pathak is a faculty member or on staff at The Ohio State University. When Dr. Pathak is no longer a member of The Ohio State University, the annual income shall be used to support the projects in the area of pharmaceutical administration and public policy undertaken by graduate students and faculty members at The Ohio State University College of Pharmacy.

It is the intent that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the intended purpose of this fund.

February 7, 1992 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Description of Named Funds (contd)

The Hazel M. Borntrager Memorial Fund

The Hazel M. Borntrager Memorial Fund was established February 7, 1992, by the Board of Trustees of The Ohio State University, with a gift to The Ohio State University Development Fund from the estate of Karl A. Borntrager (B.S.C.E. '16) in memory of his wife, Hazel M. Borntrager (B.A. '16, B.S.H.E. '16).

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used at the discretion of the Board of Trustees of The Ohio State University.

It is the desire of the donor that this fund shall benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

The Karl A. Borntrager Fund in Civil Engineering

The Karl A. Borntrager Fund in Civil Engineering was established February 7, 1992, by the Board of Trustees of The Ohio State University, with a gift to The Ohio State University Development Fund from the estate of Karl A. Borntrager (B.S.C.E. '16).

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used for the benefit of the Department of Civil Engineering as deemed appropriate by the Dean of the College of Engineering after consultation with the Chairperson of the Department of Civil Engineering.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

February 7, 1992 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Description of Named Funds (contd)

The Andrew Hendrickson Scholarship  
Fund in Adult Education

The Andrew Hendrickson Scholarship Fund in Adult Education was established February 7, 1992, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from Norejane J. Hendrickson (Ph.D., Education, 1958) in honor of her husband, Dr. Andrew Hendrickson, Professor Emeritus and former Director of the Center for Adult Education in the College of Education.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide financial assistance to a doctoral student in Adult Education. Students eligible for this award shall have an approved dissertation prospectus and the scholarship shall be used to assist with completion of dissertation work. Selection of the recipient shall be made by the Dean of the College of Education, in consultation with the University Committee on Student Financial Aid and the Adult Education faculty.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the Dean of the College of Education in order to carry out the desire of the donor.

The Morgan Horvitz Fund in Veterinary Medicine

The Morgan Horvitz Fund in Veterinary Medicine was established February 7, 1992, by the Board of Trustees of The Ohio State University, with a gift to The Ohio State University Development Fund from Marcy and Richard Horvitz of Moreland Hills, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide scholarship funds to a student who, having completed at least one academic quarter or semester in the College of Veterinary Medicine and having indicated a likelihood of practicing canine veterinary medicine demonstrates (1) true compassion toward and love of animals, and (2) a high level of scholarship and academic proficiency, as determined by the College of Veterinary Medicine Scholarship Committee, or a successor faculty committee with similar function. In the event that the Scholarship Committee determines that two or more candidates for the scholarship are equally deserving, the Scholarship Committee may consider the financial need of the candidates. Selection of the scholarship recipients shall be made by the College of Veterinary Medicine Scholarship Committee, or its successor, in consultation with the University Committee on Student Financial Aid. The scholarship award is renewable provided the scholarship recipient continues to meet the criteria set forth above.

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Description of Named Funds (contd)

The Morgan Horvitz Fund in Veterinary Medicine (contd)

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donors.

The Barbara A. and Peter B. Miller Endowed  
Scholarship Fund

The Barbara A. and Peter B. Miller Endowed Scholarship Fund was established February 7, 1992, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from Barbara A. and Peter B. Miller.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees, with the right to invest and reinvest as occasion dictates.

Twenty percent (20%) of the annual income shall be added to the fund's principal. The remaining eighty percent (80%) shall be used to award one or more scholarships to deserving students who are attending The Ohio State University Marion Campus. Preference for scholarship awards shall be given to those students of sophomore or higher rank who are residents of Marion County, who have financial need, and who have a minimum overall G.P.A. of 2.5 or higher. The scholarship award shall be used for tuition only. The selection of scholarship recipients shall be made by a committee consisting of a representative of the Miller family and the University Committee on Student Financial Aid. Should a representative of the family not be available or wish to participate, the selection responsibility shall rest with the University Committee on Student Financial Aid. Unused income in any given year shall be added to the principal of the fund.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson or program administrative officer in order to carry out the desire of the donors.

The Virginia Smith Stecker International  
Student Loan Fund

The Virginia Smith Stecker International Student Loan Fund was established February 7, 1992, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from family and friends of Virginia Smith Stecker.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees, with the right to invest and reinvest as occasion dictates.

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Description of Named Funds (contd)

The Virginia Smith Stecker International  
Student Loan Fund (contd)

The annual income shall be used for short-term, interest-free loans to international students faced with emergency situations. Students will apply for these loans through the Office of International Students and Scholars under the usual University application procedures. International students may borrow a maximum of \$1,000. A signed endorsement by the Office of Student Financial Aid will be required. The loan repayment period will be limited to not more than ninety (90) days and will be repaid under existing University procedures to the Office of Student Loan Services.

It is the desire of the donors that the fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use for the benefit of international students and/or their immediate families shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donors.

The Luther and Eloyce Tweeten Endowment Fund

The Luther and Eloyce Tweeten Endowment Fund was established February 7, 1992, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from Luther and Eloyce Tweeten.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to assist in the funding of associateships and lecturers in the Department of Agricultural Economics and Rural Sociology as approved by the Department chairperson.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donors.

The Ruby and Jack Weis Scholarship Fund

The Ruby and Jack Weis Scholarship Fund was established February 7, 1992, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from Ruby and Jacob (Jack) F. Weis (B.S.E.E. '26).

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Description of Named Funds (contd)

The Ruby and Jack Weis Scholarship Fund (contd)

Twenty percent (20%) of the annual income shall be added to the fund's principal. The remaining eighty percent (80%) shall be used to provide scholarship assistance to qualified students who enroll at The Ohio State University Marion Campus. Scholarship awards shall be made to students who have demonstrated (1) financial need; (2) a high degree of academic potential and scholastic ability; and (3) a record of good citizenship and service to others. Preference for scholarship awards shall be given to those who intend to enter the field of engineering and secondarily to those majoring in scientific studies. Should income from this fund not be awarded in any given year, the unused income is to be added to the fund's principal. Selection of the scholarship recipients shall be made by the University Committee on Student Financial Aid upon the recommendation of the Dean and Director of The Ohio State University at Marion.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate person or committee then responsible for student scholarship awards to students from the Marion, Ohio area in order to carry out the desire of the donors.

February 7, 1992 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Change of Name and Description of Named Professorship

The Robert M. Critchfield Fund in Engineering

The Robert M. Critchfield Professorship in Engineering was established July 11, 1975, by the Board of Trustees of The Ohio State University, with a bequest to The Presidents Club of The Ohio State University by the late Robert M. Critchfield, (E.E., 1916) former vice president of the General Motors Corporation. Due to insufficient funding the professorship is being changed to a fund and the description is being revised February 7, 1992.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to support faculty teaching and research through the purchase of equipment and instrumentation; employment of assistants; and/or defrayment of costs of travel, publication, and incidentals related to professional development. Selection of recipients is to be made from among faculty members, regular and special, of the College of Engineering by the Dean of the College of Engineering. Preference is to be given to faculty in the Department of Electrical Engineering.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

February 7, 1992 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Change in Description of Named Fund

The Donald D. Glower Merit  
Scholarship Fund

The Donald D. Glower Merit Scholarship Fund was established December 6, 1991, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from friends and colleagues in honor of Donald D. Glower, Dean, College of Engineering, 1976-1990, and Vice President, Development, 1990-1992. The fund is being revised February 7, 1992.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide undergraduate merit scholarships to students in the College of Engineering. Scholarship recipients shall be selected as freshmen and may continue as Glower Merit Scholars through their senior year so long as they remain in the top 10% of their class academically and continue in engineering. This 10% should be used as a guideline. Preference shall also be given to students from Crawford and Richland Counties. The fund shall be administered by the College of Engineering in cooperation with the University Honors Center and in consultation with the University Committee on Student Financial Aid.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the dean of the College of Engineering in order to carry out the desire of the donors.

February 7, 1992 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Change of Name of Named Fund

The Steve R. and Sarah E. O'Donnell Fund  
for University Systems

The Steve and Sarah O'Donnell Fund for University Systems was established November 6, 1987, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from Steve R. O'Donnell (B.E.E., 1962; M.S., Electrical Engineering, 1963); and Sarah E. O'Donnell of Westerville, Ohio. The name of the fund is being revised February 7, 1992

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide awards to University Systems employees who have shown excellence in some phase of our data processing activities; to acquire computing facilities for innovative tasks or inquiries; and/or provide specialized education opportunities for emerging or state-of-the-art computing techniques. Expenditures from the fund will be authorized by the Assistant Vice President, University Systems.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for administrative data processing.

## HOSPITALS BOARD COMMITTEE REPORT

Mr. Barone:

I wish to give at this time the summary of Hospital Board activities of January 1992. On Thursday January 3 the Professional Affairs Educational Research Committee, the Administration Operation Committee, and the University Hospital Board meet. The Professional Affairs meeting began with an executive session devoted to qualify the care issue. The discussion included an actual case study. A review of the credential process and a usual review of quality indicator. Committee members felt these reports were very helpful and demonstrated the time and effort that have brought University Hospital to this level of excellence. In open session the Committee received up dates from the Medical Director, the Chief of Staff, and the Director for this interrelation. Mr. Fraley presents encouraged statistics on certification, registration of license of hospital employees and also provided statistics on vacancy and turn over rates.

The Administration Operation Committee reviewed the external alter recommendation and managed its responses. All with the audited financial statement for the year ending June 30th, 1991. The committee received reports on safety and security, construction renovation projects, and an up dated performance of hospital affiliates. Results of certificate of need appeal are important to our hospital. Mr. Schrock reported on litigation by the hospital against the Department of Health and Human Services. The Executive Director reported covered the selection of Rhodes Hall on the University's south bonded landmark and on going efforts to increase the number of available parking places for patients, visitor and staff.

After receiving committee reports the Hospital Board witnessed the same old reel of University Hospital activities and that was presented to the Trustees in December by Ms. Selene, Dr. Vivian, and Mr. March. Mr. Fraley provided combined patient statistics from University Hospital and the James Cancer Hospital reporting that patient's activity through December was almost exactly on budget. Mr. Schrock reported that the University Hospital total gross patient revenue through December was 2.8% over budget. The receivable has been reduced in 34 days. The Board voted to authorize the Hospital to increase the capital equipment budget to purchase replacement for aging and equipment on serious concerns of the emergency power system. Ms. Hensley briefly discussed the Hospital Board self evaluation process announced to begin in the very near future. Mr. Fraley provided a summary of new programs including Mothers on the Move and a house full of housekeeping certificate program sponsored jointly with a private industry council. Additional up dates included the life care lines project, the echo family health center agreement, the Second Baptist Church Health Screening Clinic, Radio and TV spots being developed for use on WOSU, and a successful conclusion of the United Way Campaign during which the Hospital raised just over 115% of last years total. This ends the report on the Hospital Report Mr. Chairman.

At this time Mr. Chairman I wish to with much emotion and pride give you the name of Charlotte L. Immke to be appointed to the Hospital Board meeting.

As you know and as you stated I served Len Immke during my entire years that he was here on this Board. Of course, his generosity and his work with the Board of Trustees will always be remembered by everyone who ever served with him. I also had the honor to serve with Mr. Immke on the University Hospital Board. Now I feel greatly honored to present to you Charlotte Immke as a member of the Hospital Board.

Charlotte, Rose wanted me to tell you that she was very proud when she heard of your appointment.

February 7, 1992 meeting, Board of Trustees

Mrs. Charlotte Immke:

Thank you.

### **HOSPITALS BOARD APPOINTMENT**

Resolution No. 92-86

Synopsis: Approval of appointment to the Hospitals Board is proposed.

WHEREAS the Board of Trustees on November 30, 1979, approved the establishment of a University Hospitals Board; and

WHEREAS the membership of the Hospitals Board was approved on April 4, 1980, and has been subsequently amended; and

WHEREAS the Hospitals Board is recommending that Charlotte L. Immke be appointed to complete the remainder of the late Leonard J. Immke's term:

NOW THEREFORE

BE IT RESOLVED, That Charlotte L. Immke be hereby appointed to the University Hospitals Board for a term ending April 30, 1993.

Upon motion of Mr. Barone, seconded by Mr. Celeste, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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### **CANCER HOSPITAL COMMITTEE REPORT**

Mr. Dennis Smith:

Thank you Mr. Chairman, President Gee, and members of the Board. Thank you for the opportunity to present our quarterly report which we find to be exciting and promising and hope that you do as well. Since our last report in November 1991 the Arthur G. James Cancer Hospital and Research Institute Oversight Committee of the Board of Trustees has met on a monthly basis. The following is a condensed report from those three meetings which was distributed to you earlier.

At each meeting the Medical Director and Administrator Director of the Quality Assurance Department reported on the Hospital Operations currently monitored under quality assurance. There were no issues of major concern identified and the committee endorsed the initiation of implementing a continuous quality improvement program through identifying two or three major foci as described by the joint commission on Accreditation of Health Care Organizations.

The committee reviewed the fiscal year 1990-91 year end report which indicated an actual loss of 10.4 million dollars compared to a budgeted loss of 6.5 million dollars. It was noted that 8 million dollars of the net loss occurred during the first eight months of operations with a dramatic turn around occurring in the later portion of that operational year. Additionally, the committee reviewed the first six month report for fiscal year 91-92 and noted that all statistical and financial projections are being met and well within plan including admissions, patient days,

February 7, 1992 meeting, Board of Trustees

length of stay, and average daily census. Consequently, the Cancer Hospital has realized a net loss of 1.6 million dollars against a budgeted loss of 2.6 million dollars. This shows 1 million dollar positive variance. All indications are that this trend will continue and the projected annual net loss of 4.6 million dollars could be as little as 2.5 million dollars. It should be noted also that this equates to a 93% occupancy rate of the James Cancer Hospital. Compared to mid 1980 data provided to the state by vice president of Health Services the James Cancer Hospital is meeting and exceeding all financial projects including the anticipated break even time frame and annual net loss and net income budgets. However, this does not preclude the fact that the administration needs to and will continue to focus on major operational and financial strategies to promote the expedient solvency of the Cancer program.

Additionally included for your review please find the following: outpatient ambulatory care reports indicating dramatic volume increases of approximately 50% since opening last year, a report on our operating room volume which year to date has performed an average of 190 procedures per month compared to 107 procedures per month at this same time last year, a report on our development efforts which continue to accelerate with continued promise and improvements over the past 90 days, finally over the past 90 days several major grant applications have been submitted by members of the comprehensive Cancer Center including the submission of two spore grants, the brain tumor research grant, the construction grant, and at least 8 grant applications from the division of Hematology oncology. Recruitment efforts have been successful with the recent acceptance by a prestigious research to the wing chair and the addition of Dr. Richard Gabes with the developmental therapeutics programs.

Finally may I conclude by stating that the Arthur G. James Cancer Hospital and Research Institute continues to experience patient care and research growth. Operational success, financial improvement, and National notoriety of the past 12 months. In an effort to assure the continuation of this positive trend goals, objectives and supporting strategies are being finalized on a formalized strategic plan scheduled for implementation scheduled for implementation on March 1, 1992. This concludes my report.

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Thereupon the Board adjourned to meet Friday, March 6, 1992, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio.

Attest:

Madison H. Scott  
Secretary

Hamilton J. Teaford  
Chairman

THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND TWO HUNDRED AND EIGHTIETH MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, March 6, 1992

The Board of Trustees met at its regular monthly meeting on Friday, March 6, 1992, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

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Minutes of the last meeting were approved.

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March 6, 1992 meeting, Board of Trustees

The Chairman, Mr. Teaford, called the meeting of the Board of Trustees to order on March 6, 1992, at 11:35 a.m. He requested the Secretary to call the roll.

Present: Hamilton J. Teaford, Chairman, John J. Barone, Deborah E. Casto, Milton A. Wolf, Leslie H. Wexner, Alex Shumate, Theodore S. Celeste, Michael F. Colley, David A. Tonnie, and Kristen Cusack.

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## **PRESIDENT'S REPORT**

President Gee:

It is a pleasure to report to you that last evening, several of the Trustees and I had the opportunity to have dinner with a group of honors students, followed by attending the University Dance Company performance. The information exchange of ideas and observations was very valuable for all of us. The spirit and enthusiasm of these students for Ohio State and its future inspired and challenged all of us. We had a remarkable time meeting some very, very fine young people, reminding us again that the word "student" comes first with everything that we do here at this institution.

Clearly, all of us share a commitment not to just protecting, but also enhancing quality at this institution. And we recognize that in this current budget climate, we are facing a series of remarkable challenges.

Today, I want to update you on actions we are taking that are enhancing quality and improving our management of scarce resources. First, Ohio State is doing a great deal for all of higher education across the county. In the last 10 years, four Ohio State provosts have become university presidents! Most recently, of course, Fred Hutchinson has been named president of the University of Maine. It is a special opportunity for Fred and Dione to return to Maine, and they go with our very best wishes. At the same time, it is a very sad day for this University. Fred, has been one of this institution's great leaders and certainly a great University citizen.

Today, I do bring to this Board the recommendation that Dean Joan Huber become our provost. I want to emphasize that this is not an acting position, but rather, with your concurrence, she will become provost until a national search is completed and the next provost is on board. The decision that I have brought to you reflects Dr. Huber's distinguished reputation as a scholar and academic leader and also reflects the urgency and importance of many tasks and decisions at hand. With academic planning well under way, we want to sustain momentum with this appointment.

I am also delighted to recommend to the Board today the appointment of Janet Pichette as Vice President for Business and Administration and of Bill Shkurti as Vice President for Finance. Each brings to our leadership team innovative thinking and a clear understanding of quality.

Dr. Huber has been charged, by the way, to examine the structure and functions of the Office of Academic Affairs and the colleges. Our goal is to examine priorities, enhance services, and streamline bureaucracy.

March 6, 1992 meeting, Board of Trustees

### **PRESIDENT'S REPORT (contd)**

President Gee: (contd)

Additionally, Vice President for Human Resources and Relations, Linda Tom, and Vice Presidents Shkurti and Pichette have been asked to improve administrative efficiency and reduce university bureaucracy by 10 percent while improving services and better supporting our academic mission. I am confident that they will discover a number of ways to better utilize the talents and energies of our university family.

It is important to recall that we have reduced costs at Ohio State over the past 18 months by approximately \$45 million, while at the same time, reallocating dollars to programs of higher priority.

We have achieved significant savings in the cost of health insurance for university employees. In fiscal year 1990 alone, we saved nearly \$5 million with the new plan that includes increased employee involvement, cost sharing, and the use of a closed-panel health plan.

Ohio State is a leader in energy conservation. We currently use 30 percent less energy per square foot of building space than we did in 1972. And we discovered by the way, that it is hot in some of our meeting rooms. In the Big Ten, we are the second lowest user of energy per square foot. And I want everyone to understand this, because this is a remarkable statistic. The replacement of energy-inefficient equipment and the use of Ohio coal and self-help gas resulted in an annual savings in excess of \$2 million.

This month, we announced the consolidation of two food service areas for our residence halls. Occupancy in the halls has been reduced to address quality of life issues. As a result, we are able to accommodate the students in a single dining commons, realizing a considerable savings and helping to hold down the cost of room and board.

These are but a few examples of the steps we are taking to ensure quality for the future. There are many other indicators of the growing quality of our university. Among our faculty, Professor of Mathematics Karl Rubin has been awarded the prestigious Cole Prize, the highest honor given for mathematical research in number theory.

Three Ohio State researchers are among the 90 nationwide who received Sloan Research Fellowships for outstanding young scientists and economists. Our Sloan recipients are: Professor James Cowen in chemistry; Professor Randall Dougherty in mathematics; and Professor Richard Furnstahl in physics.

To continue to strengthen our already distinguished faculty, you have before you today the appoint of Jerald Greenberg as the Abramowitz Memorial Professor in Business, and the creation of the Paffenbarger Alumni Chair in Dental Research. Named chairs enable us to attract outstanding scholars to Ohio State.

March 6, 1992 meeting, Board of Trustees

### **PRESIDENT'S REPORT (contd)**

President Gee: (contd)

Next week, Ohio State will make international news in the arts community with the awarding of The Wexner Prize to theater director Peter Brook. The Wexner Prize recognizes innovation and exploration in creative endeavors. On the occasion of winning The Wexner Prize, Mr. Brook will address the National Press Club in Washington. He will be honored at a reception given by the French Ambassador to the United States, and will come to campus to conduct a master class for theater students and to participate in a symposium on his work. The awarding of the prize contributes to the mission of the Wexner Center to support the leading edge of creativity and inspire appreciation for the arts. I might note, by the way, that we anticipate that we will have world-wide press coverage on this particular event. A number of folks from around not only this nation, but the international press community will be here on that occasion. A remarkable opportunity for us to tell the story about the University.

To recognize excellence among our students, this Board today will add the designation of "magna cum laude" to the distinctions of "cum laude" and "summa cum laude" already given. For some reason, Ohio State has, in the past, only defined two levels of achievement for undergraduate degree recipients. Adding this third level will be more in line with our peer institutions. I look forward to presenting the first "magna cum laude" diploma at the Winter Quarter commencement exercises.

We are most fortunate that the President of Hungary, the Honorable Arpad Goncz, will be our commencement speaker and will accept the honorary degree Doctor of Humane Letters. I had the privilege of meeting President Goncz while in Hungary and look forward to his visit to Ohio State.

As a final note, I might remind the members of this Board that they can line up for wristbands next Friday to get tickets for the Genesis concert. Perhaps I also need to point out that this Genesis has nothing to do with scriptures, though the media seem to be treating this stadium concert as "the second coming."

As you can tell from this report, while we are wrapping up Winter Quarter, we are moving rapidly and aggressively forward. Mr. Chairman, I thank you for allowing me the time to present a few of those issues today.

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### **RESEARCH FOUNDATION REPORT**

Ms. Casto:

I am pleased to report that the gains in research funding we noted last month have carried through the January report of awards received by The Ohio State University Research Foundation. At tab 1 we see that the award level for the July through January period is 31.26 percent above the same period last year. We are particularly pleased with the increases in funding from the federal government and the new large scale awards for international projects, which fall in the other non-federal category.

March 6, 1992 meeting, Board of Trustees

**RESEARCH FOUNDATION REPORT (contd)**

Ms. Casto: (contd)

At tab 2 you will find expenditure summaries. As we have observed in the past, expenditure data dampens oscillations such as the timing of awards. The expenditures comparison between last year and this year shows real growth. The total increase is about 10 percent, which is greater than the projected inflation rate.

Some projects of special interest which were funded in the month of January are listed at tab 3. I thought you might be particularly interested in the project supported by the U.S. Department of Agriculture looking at scaling up the harvest of taxus to produce taxol, a revolutionary anti-cancer drug. At tab 4 is the list of all projects funded in January.

Materials research projects are highlighted at tab 5. They include awards made in January and an overview of externally funded materials research at The Ohio State University. These projects represent cutting edge science and I am proud to say that the world leaders in many of the areas identified are the scientists at this University.

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS**

Resolution No. 92-87

Synopsis: Approval of the following reports on contracts, grants, and gifts and the summary for January 1992 is proposed.

WHEREAS monies are solicited and received on behalf of the University from governmental, industrial, other agencies, alumni, and various individuals in support of research, instructional activities, and service; and

WHEREAS such gifts and grants are received through The Ohio State University Research Foundation, the Engineering Experiment Station of The Ohio State University, and The Ohio State University Development Fund:

NOW THEREFORE

BE IT RESOLVED, That the research agreement between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the reports from the Engineering Experiment Station, and The Ohio State University Development Fund during the month of January 1992 be approved.

Upon motion of Ms. Casto, seconded by Amb. Wolf, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

March 6, 1992 meeting, Board of Trustees

Background

DECEMBER 1991

Source	7/1/90-12/31/90	7/1/91-12/31/91	December 1991
The Ohio State University Development Fund	\$29,358,063.00	\$29,069,326.00	\$12,809,519.00

JANUARY 1992

Source	7/1/90-1/31/91	7/1/91-1/31/92	January 1992
The Ohio State University Research Foundation	\$73,074,749.09	\$95,919,523.66	\$11,493,107.04
Engineering Experiment Station	\$ 4,485,186.00	\$ 4,033,083.00	\$ 671,581.00
The Ohio State University Development Fund	\$29,685,244.00	\$30,304,272.00	\$ 1,234,946.00

Establishment of Named Funds

The Lawrence and Isabel Barnett Fellowship Fund (Fellowships - Master of Arts Program in Arts Policy and Administration)			\$ 225,000.00
The George R. St. Pierre Fellowship Fund in Mining and Metallurgy (Support Graduate Students - Materials Science and Engineering)			\$ 52,000.00
The Dominic and Lisa Mandalfino Memorial Fund in Anesthesiology (Resident Research)			\$ 25,207.50
The Alex M. Alexander Memorial Scholarship Fund (Scholarships - College of Business)			\$ 20,344.00
The Rolfe E. Wood and Michael L. Wood Memorial Scholarship Fund (Scholarships - College of Education)			\$ 15,000.00

March 6, 1992 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Description of Named Funds

The Lawrence and Isabel Barnett Fellowship Fund

The Lawrence and Isabel Barnett Fellowship Fund was established March 6, 1992, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from Lawrence R. Barnett (B.S.Bus.Adm. '88) and Isabel Barnett of Rye, New York.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to fund a yearly fellowship for a graduate student enrolled or planning to enroll in the Master of Arts in Arts Policy and Administration. Students shall be selected on merit, with preference for a student with need. This is a dual, interdisciplinary degree program within the College of The Arts and the School of Public Policy and Management. The fellowship recipient shall be selected by the Dean of The College of the Arts and the Director of the School of Public Policy and Management, or his/her designee, and in consultation with the University Committee on Student Financial Aid. If in any year there is unused income, this income shall be reinvested in the fund's principal.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean and School of Public Policy and Management director in order to carry out the desire of the donors.

The George R. St. Pierre Fellowship Fund in  
Mining and Metallurgy

The George R. St. Pierre Fellowship Fund in Mining and Metallurgy was established March 6, 1992, by the Board of Trustees, with a gift to The Ohio State University Development Fund from David H. Davis (Bachelor, Mining Engineering, 1933, M.S., Metallurgical Engineering, 1934) in honor of George R. St. Pierre, Presidential Professor and Chairperson of the Departments of Materials Science and Engineering and Metallurgical Engineering and the Division of Mining Engineering.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to support one or more graduate students in the Department of Materials Science and Engineering. Preference shall be given to candidates whose interests are closely related to the primary mineral and metallurgical industries. Additional consideration shall be given to citizens of the United States. Recipients shall be named annually, but may be eligible to compete for renewed awards. Selection shall be made by the Chairperson of the Department of Materials Science and Engineering in consultation with the Dean of the Graduate School.

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Description of Named Funds (contd)

The George R. St. Pierre Fellowship Fund in  
Mining and Metallurgy (contd)

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

The Dominic and Lisa Mandalfino Memorial  
Fund in Anesthesiology

The Dominic and Lisa Mandalfino Memorial Fund in Anesthesiology was established March 6, 1992, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from family and friends in memory of Dominic A. Mandalfino, M.D., and Lisa Anne Gunyula Mandalfino, M.D., of Columbus, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to support resident research and projects within the Department of Anesthesiology. Selection of recipient resident projects shall be made based on the merit of submitted proposals and as determined by the Chairperson for the Department of Anesthesiology and, whenever possible, in consultation with the Mandalfino and Gunyula families.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the Dean of the College of Medicine, Chairperson of the Department of Anesthesiology, or program administrative officer in order to carry out the desire of the donors.

The Alex M. Alexander Memorial Scholarship Fund

The Alex M. Alexander Memorial Scholarship Fund was established March 6, 1992, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from employees and associates of IDS Financial Services Company and from family and friends in memory of Alex M. Alexander. Alex M. Alexander was the leading financial planner for IDS Financial Services for over 50 years. He represented IDS and served his clients in Columbus, Ohio, until his death on March 23, 1991.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

March 6, 1992 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Description of Named Funds (contd)

The Alex M. Alexander Memorial Scholarship Fund (contd)

The annual income shall be used to fund scholarships for undergraduate students majoring in finance within the College of Business. Preference shall be given to students that have exhibited qualities of leadership, communication, and sales skills. Recipients shall be chosen by the Dean of the College of Business in consultation with the College of Business Scholarship Committee, Department of Finance, a representative of the Alexander family, and the University Committee on Student Financial Aid.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donors.

The Rolfe E. Wood and Michael L. Wood  
Memorial Scholarship Fund

The Rolfe E. Wood and Michael L. Wood Memorial Scholarship Fund was established March 6, 1992, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from their parents, Margaret E. Wood and Louis E. Wood (B.S.Ed. '49, Masters, Education, 1955) and their sister, Carol Wood Stowe (B.S.Ed. '81, M.A., Education, 1984). Both Rolfe and Michael Wood died in tragic accidents in the 1980s and this fund was established to honor and memorialize them in perpetuity.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide support for student(s) in the College of Education who are studying language, literature and reading. Selection of the scholarship recipient(s) shall be made by the Dean of the College of Education in consultation with the University Committee on Student Financial Aid and the faculty in the area of language, literature and reading.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the Dean of the College of Education.

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March 6, 1992 meeting, Board of Trustees

## HOSPITALS BOARD COMMITTEE REPORT

Mr. Celeste:

The Hospitals Board Executive Committee met on Thursday, February 27, 1992. Board members expressed pleasure at the appointment of Mrs. Charlotte Immke to fill her late husband's term, and extended appreciation to Jim Nichols for his service to the Hospitals as both Interim Executive Director and Acting Vice President. Mr. Schrock presented a financial and statistical report and reviewed key indicators of Hospitals performance. In the principal agenda discussion of the day, we reviewed and endorsed Hospitals Administration's proposal to recommend issuance of up to \$32 million in tax-exempt bonds to University Administration. The capital projects to be included in bond financing would be the SICU Tower; the Neuropsychiatric facility; improvements to the Women's and Infants programs; and other facility improvements.

We received updates from the Chief of Staff, the Medical Director, Hospitals Public Relations, and Medical Center Development. Mr. Maier discussed the financial benefits associated with membership in the University Hospital Consortium, including accessing purchase agreements, initiation of a prime vendor program, and awards for research. Dr. Drago reported that within the next two months he expects to have a consultant's report on the best system for implementing physician single billing. He believes that by July some practice areas will be able to initiate consolidated billing.

Additionally, I believe Jim Nichols will have a presentation on the resolution which is under the tab Hospitals Board, relative to the Health Care Consortium.

Mr. Nichols:

Thank you, Mr. Celeste. Under the Hospitals Board tab is a resolution concerning the Health Care Consortium of Ohio. As you know, there has been considerable changes in the delivery of health care and necessity for networks in delivering that care. This particular resolution does fit in with the strategic plan of both University Hospitals and the College of Medicine and creates a network to enhance and expand opportunities to support educational, research, and service programs in the medical area, nursing, and other health profession areas. I would note that this network is established through affiliation agreements with the University and other health care facilities and is not a creation of any new corporation.

Specifically, the resolution authorizes the University to enter into affiliation agreements with such other hospitals and health care facilities as determined appropriate by the Vice President for Health Services to establish this Consortium to fulfill the mission. I would also note that in a further be it resolved, that in addition to all of the normal procedures for the signing of this by the President and/or Vice President for Business and Administration, that entering into these affiliations does not include any University responsibility or liability or liabilities for other institutions in the involvement of the governance of these as well as the control of University Hospitals. A report on each affiliation agreement will be filed with the Board of Trustees Office when that agreement is entered into.

Mr. Celeste:

Thank you, Mr. Nichols. Does anyone have any questions?

**HEALTH CARE CONSORTIUM OF OHIO**

Resolution No. 92-88

Synopsis: Authorization to enter into affiliation agreements with other hospitals for participation in the Health Care Consortium of Ohio is proposed.

WHEREAS the Strategic Plan of the College of Medicine and The Ohio State University Hospitals calls for the expansion of teaching and service relationships with additional hospitals throughout Ohio; and

WHEREAS such relationships will create a network to enhance and expand opportunities to support the educational, research, and service programs of The Ohio State University in medicine, nursing, and other health professions; and

WHEREAS such a network will directly support and enhance the delivery and continuity of health care for the citizens of Ohio; and

WHEREAS it is the intent of this Board that these relationships and network be established through affiliation agreements between the University and other health care facilities and not through the creation of any new corporation:

NOW THEREFORE

BE IT RESOLVED, That the Board of Trustees of The Ohio State University hereby authorizes the University to enter into affiliation agreements with such other hospitals and health care facilities as determined appropriate by the Vice President for Health Services to establish the Health Care Consortium of Ohio to better fulfill the education, research, and service missions of the University and its University Hospitals; to develop a referral area network through the Health Care Consortium of Ohio; and to serve as the sponsoring affiliate of the Consortium; and

BE IT FURTHER RESOLVED, That the President and/or Acting Vice President for Business and Administration, in consultation with and upon the recommendation of the Vice President for Health Services, be authorized to negotiate and execute such affiliation agreements upon such terms and conditions as are deemed to be in the best interest of the University, including, as appropriate, authorization for other hospitals or health care facilities to represent themselves as affiliates of The Ohio State University Hospitals so long as such affiliation does not include any University responsibility or liability for the operation or liabilities of the other institution or any involvement by the other institution in the governance, operation, or control of University Hospitals; and

BE IT FURTHER RESOLVED, That the Vice President for Health Services file a copy with the Office of the Board of Trustees each time such an affiliation agreement is entered into.

Upon motion of Mr. Celeste, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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March 6, 1992 meeting, Board of Trustees

## **CANCER HOSPITAL COMMITTEE REPORT**

Mr. Barone:

The Ohio State University Board of Trustees Oversight Committee of The Arthur G. James Cancer Hospital and Research Institute has adopted a Strategic Plan which calls for major expansion of the institution's efforts in the areas of cancer control and prevention in Ohio, and in both basic and clinical research. A major effort will be taken to identify environmental hazards in Ohio which are contributing to cancer and to both work for their elimination from the environment, and to intensify education of the public to avoid them. Additionally and more specifically, the plan focuses on goals, objectives and strategies which include research, patient care, education, organization and management, human resources, and financial resources.

The plan calls for the recruiting of additional researchers to the Cancer Program at the Ohio State's Comprehensive Center, of which the Cancer Hospital and Research Institute is an integral part. Cancer research is conducted in twelve different colleges at Ohio State. The plan also calls for strengthening already existing links between basic laboratory research and patient treatment at the facility. The Strategic Plan also provides for expansion of philanthropic and other financial initiatives to support the implementation of the plan and expansion of the research, patient treatment, and education efforts, and includes an increase in hospital charges to bring the institution more closely in line with the other National Cancer Centers. In-line with that we are asking the Board to approve a 9 percent increase to supplement that because of our work that is being done with the strategic plan. We are accredited as number six in the country now in cancer research and care. The financial scenario outlined in the plan projects that the James Cancer Hospital will break even some time during fiscal year 1993.

The James Cancer Hospital and Research Institute is one of only four free-standing cancer centers in the nation, and one of a group of only nine cancer hospitals selected by Medicare for special status, because of the nature of leading-edge treatments developed and tested at its facility. The Strategic Plan is to be implemented over a period of five years.

Along with the Strategic Planning for the Cancer Hospital, we are now rated sixth in the country, if not the world, and they include Houston, American Oncology Memorial Sloan, the Moffett Rogel Park with Fred Hutchinson, not our Fred Hutchinson. We are in that group of cancer hospitals and rated accordingly.

At the last meeting, it was brought out that the care at the Cancer Hospital has been outstanding and patients have reported back with a survey has been most encouraging and excellent. I think that we can all be proud that we are now at the very edge of becoming one of the most leading and best cancer hospitals in the United States.

### **MID-YEAR RATE ADJUSTMENT FOR THE ARTHUR G. JAMES CANCER HOSPITAL AND RESEARCH INSTITUTE**

Resolution No. 92-89

Synopsis: Approval for a mid-year rate adjustment for The Arthur G. James Cancer Hospital and Research Institute is proposed.

March 6, 1992 meeting, Board of Trustees

**MID-YEAR RATE ADJUSTMENT FOR THE ARTHUR G. JAMES  
CANCER HOSPITAL AND RESEARCH INSTITUTE (contd)**

WHEREAS it is the goal of The Arthur G. James Cancer Hospital and Research Institute to be self supporting by fiscal year 1994; and

WHEREAS uncompensated care provided by the Cancer Hospital Research Institute totaled more than \$10 million in fiscal year 1991; and

WHEREAS start-up funds borrowed from University Hospitals need to be repaid to protect their goals and objectives; and

WHEREAS rates currently charged by the Cancer Hospital Research Institute are significantly below those charged by other free-standing Cancer Hospitals:

WHEREAS The Arthur G. James Cancer Hospital and Research Institute Oversight Committee of The Ohio State University Board of Trustees recommends approval of a mid-year rate adjustment of 9 per cent to be effective April 1, 1992:

NOW THEREFORE

BE IT RESOLVED, That upon the recommendation of The Arthur G. James Cancer Hospital and Research Institute, the Board of Trustees of The Ohio State University hereby authorizes the approval of a mid-year rate adjustment of 9 percent to be effective April 1, 1992.

Upon motion of Mr. Barone, seconded by Mr. Shumate, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**STUDENT AFFAIRS COMMITTEE REPORT**

Mr. Tonnies:

This morning the Student Affairs Committee heard a report from Mr. Lee Jones, Coordinator of the University Mentoring Program. He focused his mini-presentation on the development of the program and its current mission. He discussed the roles of the program participants, the mentee students, the peer mentors, the professional mentors, and members of the faculty and staff, and some of the research and assessment that has been completed.

Mr. Jones also highlighted the measurable growth and development areas the program has experienced over the last four years. Finally, he discussed the human research and programming needs as the program continues to expand. A folder was handed out to the Committee and all the information contained within is available to the Board members, if they so desire.

We then heard reports from the three student governments leaders. USG President Matt Markling and Assembly Speaker Amy Bashforth, gave an overview of upcoming USG projects and goals for Spring Quarter. They expressed their desire that the University remain aware of the campus crime problem and that this issue should not be forgotten in this time of financial crisis.

March 6, 1992 meeting, Board of Trustees

### **STUDENT AFFAIRS COMMITTEE REPORT (contd)**

Mr. Tonnies: (contd)

Sophia Paige, President of the Interprofessional Council, reported that five names have been sent to the State House, these are the final five candidates for the Student Trustee position. Everyone will be glad to hear that of the five students, two are medical students and one is M.D., Ph.D. So the legacy can continue, hopefully.

President Gee:

There are two other possibilities aren't there, David?

Mr. Tonnies:

Well, one is a law student. So that is very scary indeed! Hector Lee, Vice President of the Council of Graduate Students, discussed his organization's upcoming constitutional changes and elections. He reminded the Committee that the organization's annual forum will be held on April 11.

If there are no further questions, this concludes my report.

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### **INVESTMENTS COMMITTEE REPORT**

Amb. Wolf:

The Investments Committee this morning reviewed the monthly endowment summary report for the period January 17, 1992, through February 21, 1992. I am pleased to report that the market value of our endowment fund on February 21 was \$409.5 million. This total was about \$250,000 below the January 17, 1992 market value because of adjustments in the equity market value, the fixed income market value, and some cash additions. But the total resulted in only a reduction of \$250,000 in the month.

Since July 1991, the beginning of the Fiscal Year, the endowment fund has increased over \$58 million, a remarkable amount of money. That \$58 million increase net new additions about \$23 million, and the net change in market value accounted for an increase of over \$38.6 million. The current asset allocation for the endowment fund is 59 percent invested in equities, 24 percent invested in fixed income securities, 9 percent in real estate, and 8 percent in cash or cash equivalents. I am pleased to report that since July 1, 1991, forty-four new endowments have been created and there are now a total of 1,862 endowment accounts.

The Investments Committee also heard the quarterly report on total cash and investments for the University. It was reported that the total cash in investments for all accounts as of December 31, 1991, was \$726.8 million. This was an increase of \$26.5 million from the quarter ending September 30, 1991. The primary reason for this increase came from a \$32.6 million net increase in the University's Endowment and Foundations Funds as reported just a few minutes ago.

March 6, 1992 meeting, Board of Trustees

**INVESTMENTS COMMITTEE REPORT (contd)**

Amb. Wolf: (contd)

Finally, the Investments Committee had discussed asset allocation for the endowment fund, as well as a review of the current investment managers performances. The Committee had formally interviewed the fixed income and equity managers at two previous meetings. It was decided to continue the present asset allocation at its current targets of 60 percent equities, 25 percent fixed income, and the balance in real estate and cash equivalents. Changes in the allocations to the investment managers were discussed and a formal resolution reflecting these changes is going to be presented to the Board by me at this juncture. So therefore, in order to accommodate the asset allocations recommended at the Investments Committee this morning, I read and propose the following resolution:

**REAPPOINTMENT OF INVESTMENTS ADVISORS**

Resolution No. 92-90

Synopsis: The Investments Committee recommended the reappointment of external investment advisors.

WHEREAS it is the policy of The Ohio State University to utilize the services of external Investment Advisors to assist in the management of the University's Endowment Portfolio; and

WHEREAS the Investments Committee of the Board of Trustees periodically reviews the results obtained by named external Investment Advisors and the amount of funds assigned to each of them; and

WHEREAS it is prudent investment policy to adjust the mix and amounts of money assigned to external Investment Advisors as economic conditions change; and

WHEREAS the Investments Committee has directed the Treasurer to make the following changes in the Endowment Portfolio; and

WHEREAS the number of external Investment Advisors and the amount of funds assigned to them shall be determined by the Board of Trustees:

NOW THEREFORE

BE IT RESOLVED, That upon the recommendation of the Investments Committee of the Board of Trustees the following named external Investment Advisors shall be appointed and the following named external Investment Advisors shall be reappointed to counsel in the management of Endowment Portfolio Investments totaling the initial amounts indicated:

Boatmen's Trust Company	\$25,000,000
The Chicago Corporation	\$17,500,000
Duff and Phelps Investment Mgt. Co.	\$15,000,000
W. R. Lazard and Company (Index Fund)	\$10,000,000
R. Meeder and Associates, Inc. (Index Fund)	\$15,000,000
Nicholas Applegate Capital Management	\$15,000,000
Wood Island Management, Inc.	\$13,500,000
STW Fixed Income Management, Inc.	\$25,000,000

March 6, 1992 meeting, Board of Trustees

**REAPPOINTMENT OF INVESTMENTS ADVISORS (contd)**

University Managed (GNMA's)	\$20,000,000
University Student Managed	\$ 5,000,000
Wells Fargo Investment Advisors (Standard & Poor 500 Index Fund)	\$30,000,000
Wells Fargo Investment Advisors (International Equity Index Fund)	\$20,000,000
Wells Fargo Investment Advisors (Extended Market Index Fund)	\$15,000,000

Upon motion of Amb. Wolf, seconded by Ms. Casto, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

Amb. Wolf:

The amounts I just indicated are the initial amounts given to these folks as adjusted by our new allocations, not the market amounts. And for the University Student Managed portfolio that \$5 million, as we know, is over \$7.5 million now, because the University students have done so well.

Mr. Teaford:

You might want to share quickly with the Board, Ambassador, what are the changes?

Amb. Wolf:

We decided to leave most of the Investment Portfolio as it had been allocated for the previous twelve months, with the exception of taking \$17.5 million away from one of our Investment Managers in the Equity Portfolio, whose performance we felt was marginal.

In addition to that \$17.5 million, we had accumulated cash of about \$32 million; therefore, we found ourselves with \$50 million available to us. It was decided to allocate that \$50 million as indicated in the previous remarks. So we decided to allocate \$30 million to our Equity Portfolio and of the remaining \$20 million, \$15 million was going to go into the Fixed Income or the Bond Portfolio, and \$5 million would go into the Cash Account. Do you want the fragmentation of these figures, Mr. Chairman?

Mr. Teaford:

It might be useful if you could quickly go through them, so everybody knows what we have done.

Amb. Wolf:

Okay. Of the \$30 million that we decided to allocate or increase in our Equity Account, we were going to increase our overseas index fund by \$10 million, with the Wells Fargo (Overseas Index Fund). They already have a large amount of our funds in their portfolio. We decided to increase our small cap fund by \$5 million with Nicholas Applegate, and they have been our best performer. We also decided to put \$15 million in a small cap fund through Wells Fargo. But this small cap fund would be an index fund, and it would reflect exactly the same performance of the universal small cap stocks of the previous \$5 million in the small cap fund.

March 6, 1992 meeting, Board of Trustees

### **INVESTMENTS COMMITTEE REPORT (contd)**

Amb. Wolf: (contd)

We are going to allocate \$15 million to the Bond Portfolio; \$10 million into the University Manager GNMA account -- these are Government Certificates in which we have a small operating account; and \$5 million in the Duff and Phelps Fixed Income Account. The reason for \$5 million in the Duff and Phelps is because we have a considerable amount of money distributed in Fixed Income Managers who invest long-term, 20 years or more, and they performed very well last year. We decided to put a little more of our funds into the Intermediate Income Funds, which Duff and Phelps is, and they specialize in seven to ten-year securities. Therefore, we try to balance the Portfolio and have a reasonably secure position by adding \$5 million dollars.

Mr. Teaford:

I wanted Amb. Wolf to go through that, because I do want everyone to understand the care with which we, particularly the Investments Committee, had worked to make sure that our Endowment Portfolio is in the best possible shape. That did include, I might add, one six-hour marathon session of meetings with our Equity Advisors.

(See Appendix LXIII for complete context of The Ohio State University Endowment Summary, February 21, 1992, page 1039.)

(See Appendix LXIV for Quarterly Cash and Investments, page 1053.)

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### **ACADEMIC AFFAIRS COMMITTEE REPORT**

Ms. Casto:

The Academic Affairs Committee heard today about high tech materials and how Ohio State University scientists and engineers are working on aircraft materials that could facilitate a flight from Columbus to Japan in two hours; improved fuel cells that would provide inexpensive environmentally friendly energy; and plastic magnets, which was the first plastic magnet ever to be discovered. It was discovered here last year.

The OSU Center for Materials Research in its two years has changed the culture of the traditional, discipline-oriented academic arena. More than 100 faculty in ten departments and three colleges now cross department and college lines and work together. They utilize some of the most advanced equipment such as electron microscopes, nuclear magnetic resonance equipment and lasers. The CMR has provided seed and matched funding for faculty initiated research. Already \$1.9 million in new external funding has been brought back into the University. An additional \$6.8 million in proposals for external funding are pending. Importantly, this new funding is providing a significantly enhanced educational environment for our students. Over 200 graduate students are affiliated with the CMR.

March 6, 1992 meeting, Board of Trustees

**ACADEMIC AFFAIRS COMMITTEE REPORT (contd)**

Ms. Casto: (contd)

The materials faculty at OSU are among world leaders in an interdisciplinary field that evolves daily because of the ability to manipulate materials atom by atom. Metals, ceramics, semiconductors, plastics, composites -- the materials of our world are changing dramatically. Our faculty and their industrial partners are strengthening the significant Ohio base of high tech materials research. A base which gives us a competitive edge in an increasingly one-world economy. A base which offers attractive and rewarding careers to our Bachelors, Masters, and Ph.D. graduates.

We are also recommending the following resolutions:

**RENAMING OF OFFICE**

Resolution No. 92-91

Synopsis: The Academic Affairs Committee recommended the renaming the Office of Special Events to the Office of Commencement and Official Events.

WHEREAS the Office of Special Events is responsible for organizing University Commencement exercises and special events hosted or sponsored by the President; and

WHEREAS the mission statement of the office has been redefined at the direction of the President to clarify these functions as the office's primary role at the University, while the office will serve as an advisory resource to other University departments in the planning of their special events:

NOW THEREFORE

BE IT RESOLVED, That in order to establish and designate the mission of the Office of Special Events, it is recommended that the office's name be changed to the "Office of Commencement and Official Events."

Upon motion of Ms. Casto, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**ABOLISHMENT OF THE DEPARTMENT OF LABOR EDUCATION AND RESEARCH SERVICE**

Resolution No. 92-92

Synopsis: The Academic Affairs Committee recommended the approval of the abolishment of the Department of Labor Education and Research Service.

WHEREAS the Department of Labor Education and Research Service is a tenure initiating unit of the College of Business primarily engaged in providing non-credit continuing education to workers and the leadership of labor organizations within the state of Ohio; and

March 6, 1992 meeting, Board of Trustees

**ABOLISHMENT OF THE DEPARTMENT OF LABOR EDUCATION AND  
RESEARCH SERVICE (contd)**

WHEREAS the Department of Labor Education and Research Service has been funded regularly through a line-item appropriation in the state budget, and has experienced this fiscal year a drastic reduction in operating funds, resulting in insufficient funds to maintain a core of critical activities; and

WHEREAS the non-credit teaching activities that are the main service of the Department of Labor Education and Research Service are given very low priority in the recent faculty-generated planning document of the College of Business entitled "An Agenda for Action"; and

WHEREAS the non-credit continuing education experiences offered by the Department of Labor Education and Research Service can be accomplished through other programs of the University; and

WHEREAS it has been proposed that the Department of Labor Education and Research Service be abolished, and the faculty of the College of Business voted on November 7, 1991, to approve this proposal; and

WHEREAS the Council on Academic Affairs unanimously approved the proposal after being satisfied that all tenure commitments of the University to the faculty of the Department of Labor Education and Research Service would be honored; and

WHEREAS the University Senate, on February 29, 1992, approved the abolishment of the Department of Labor Education and Research Service:

NOW THEREFORE

BE IT RESOLVED, That the recommended abolishment of the Department of Labor Education and Research Service is hereby approved effective at the end of this fiscal year, June 30, 1992.

Upon motion of Ms. Casto, seconded by Mr. Celeste, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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Mr. Teaford:

Subject to anyone disagreeing, I am going to suspend the rules, that we must have 2 weeks notice for anyone who wishes to address the Board, because this issue came up less than two weeks ago. I have indicated to representatives, I think they are students from that department, that they will have ten minutes to address us with their concerns on this issue. I would ask the Secretary to keep track of that ten minute period and let me know when it has expired. You want to come to the table where the microphone is located and give us your name and affiliation first before you speak.

Ms. Nancy Kiehl:

Thank you, very much for allowing us this ten minutes. My name is Nancy Kiehl and I am an undergraduate student from the Department of Photography and Cinema.

March 6, 1992 meeting, Board of Trustees

Ms. Kiehl: (contd)

First of all, as many of you have seen out in the hall, we placed film and also some of the main concerns we have about this termination. We want to ask you these questions which were on a leaflet we passed out: Are the buy-outs of senior faculty the most responsible means for cutting the budget? What are the ramifications of those changes to the quality of education for students? Is limiting the number of students served appropriate? Should this University, by design or default, move from a focus of strong undergraduate education to graduate only programs? You may not be able to alter the cut-backs to education from the federal and state legislators, but you can and must use your vision and expertise to determine how those cuts will affect the quality of education on this campus. You have the opportunity to say "no" to this short-sighted proposal to terminate the Department of Photography and Cinema.

We are here to protest a vote that we believe was decided in May of 1991, and we invited you to walk over the real losses. The real losses, if some of you weren't able to read them, are Photo Cinema History and Theory; Interdisciplinary Studies; Media Criticism; Undergraduate Film Studies; Visual Literacy; Experimental Film; Animation; and Documentary Film. These are the real losses that we are most concerned about and we want you to contemplate the imaginary gains that you are about to vote in.

We the concerned students, faculty and alumni of the Department of Photography and Cinema oppose the termination. We seek the retention of the Department of Photography and Cinema as a discrete area of study, and the placement of this department in an administrative structure that can provide the appropriate support for media education at The Ohio State University. Thank you.

Mr. Teaford:

Thank you.

Mr. Tom Hayes:

Mr. Chairman, Ladies and Gentlemen of the Board, I appreciate this opportunity to address you on the issue of the future of the Department of Photography and Cinema at The Ohio state University. My name is Tom Hayes. I am a proprietor of a motion picture production company here in Columbus, and also an independent media artist that has received the major fellowship award from the Ohio Arts Council. I am not affiliated with The Ohio State University in any way. I studied cinema at Ohio University in Athens, and began working in the commercial end of the business here in Columbus, in 1978.

The issue that I would like the Board to consider is the unique opportunity that Columbus provides students of cinema and video. There is no other state university that can offer the internship opportunities that the Ohio State department oversees. Students at OSU have the opportunity to perform internships with a wide range of top-drawer media production facilities. No other film department in the state exists in such a production environment. I make this assessment on the basis of fourteen years experience, working all across Ohio, and the region.

March 6, 1992 meeting, Board of Trustees

Mr. Hayes: (contd)

When considering the future of the OSU Department of Photography and Cinema, I urge the Board to consider the unique experience factor so important to the future employment of cinema graduates that the OSU department offers its students. It would be unfortunate if cinema studies in the State of Ohio were relegated exclusively to areas and markets where students' opportunities for real life experience in their field is limited. I urge the Board of Trustees to preserve the OSU Department of Photography and Cinema. Thank you, very much, for this opportunity to speak to you.

Mr. Teaford:

Thank you.

Ms. Linda Thornburg:

President Gee, members of the Board of Trustees, thank you, very much for the opportunity to speak on behalf of the Department of Photography and Cinema. My name is Linda Thornburg. I am Vice President of the Alumni Society of Photography and Cinema, and apart from "The Best Damn Band in the Land", we are the only alumni society in the College of the Arts. I am also an independent filmmaker and work here in town.

Apart from the issues of critical studies and literacy which Nancy addressed, and the internationally recognized curriculum which this proposed change puts us under, the closing of Photography and Cinema is economically unhealthy for the State of Ohio. Ohio is the center of a \$9 billion regional moving image industry. In Columbus alone, since 1972, the industry has grown from two production facilities, one of which was the Department of Photo and Cinema, to 77 production houses; currently 150 ad agencies use these media; 16 broadcast and cable facilities; and hundreds of other in-house organizations which produce their own media. This local industry is a direct result of graduations from the Department of Photo and Cinema. Beyond that the graduates from Photo and Cinema provide a labor pool in Ohio which brings in an additional \$15 million annually from Hollywood productions done on location here.

Bob Shay, Chairperson of the Department of Art where Photography is to be housed under the proposal, stated in a public forum that his department would not continue teaching subjects related to commercial photography because he ran an art department and they simply were not interested in commercial work. This has been one of the problems of housing Photo and Cinema in the College of the Arts, and continues with the moving of Photo into the Art Department and Cinema into Theater.

Though Photo came from the arts in the 1800's and though Cinema initially filmed Theater arts, the children disciplines have vastly outgrown the parents. The Arts faculty may not be used to having their graduates move into making a living in their disciplines, but undergraduates and graduates from Photo and Cinema move directly into an expanding high-tech industry. This kind of misunderstanding of the power and import of camera-based disciplines has plagued this ill-informed decision about disciplines critical to the 21 Century. We ask that you reject the proposal to terminate Photo and Cinema. Thank you, very much.

March 6, 1992 meeting, Board of Trustees

Mr. Teaford:

Thank you, ladies and gentleman. Dean Harris, do you wish to add anything?

Dean Harris:

No.

Mr. Teaford:

I do want you to know that this Board does appreciate the difficulty in making this decision. This is not anything that anybody at this University, in my opinion, has done lightly.

**ABOLISHMENT OF THE DEPARTMENT OF  
PHOTOGRAPHY AND CINEMA**

Resolution No. 92-93

Synopsis: The Academic Affairs Committee recommended approval of the abolishment of the Department of Photography and Cinema.

WHEREAS the Faculty of the College of the Arts and the Council on Academic Affairs have approved the proposal to abolish the Department of Photography and Cinema; and

WHEREAS arrangements have been made to transfer the remaining faculty and staff of the Department and the curricula for photography, cinema, and video to other visual and performing arts departments which will strengthen existing core programs and increase the interdisciplinary relationship to programs in art, art history, and theatre; and

WHEREAS the University Senate, on February 29, 1992, approved the abolishment of the Department of Photography and Cinema:

NOW THEREFORE

BE IT RESOLVED, That the recommended abolishment of the Department of Photography and Cinema is hereby approved effective immediately.

Upon motion of Ms. Casto, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**ESTABLISHMENT OF NAMED CHAIR**

Resolution No. 92-94

Synopsis: The Academic Affairs Committee recommended the approval of the establishment of a named chair.

WHEREAS in accordance with the guidelines previously established by the Board, The George C. Paffenbarger Chair in Restorative Dentistry and Dental Materials Fund was established May 3, 1985; and

March 6, 1992 meeting, Board of Trustees

**ESTABLISHMENT OF NAMED CHAIR (contd)**

WHEREAS all gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates; and

WHEREAS the name and description are being revised and this fund will be enlarged by the Board of Trustees through the incorporation of The College of Dentistry Named Professorship and The College of Dentistry Advancement Endowment Fund. The three funds were merged at the direction of the dean and in consultation with the donors of the above mentioned funds; and

WHEREAS the funding has now reached the level required:

NOW THEREFORE

BE IT RESOLVED, That The George C. Paffenbarger Chair in Restorative Dentistry and Dental Materials Fund be changed to The George C. Paffenbarger - Alumni Chair in Dental Research. The annual income shall be used to provide support for the work of an internationally recognized scholar, researcher, or teacher of distinction in the profession of dentistry. This person shall have demonstrated a thorough knowledge of dental research through publications, research grants and innovative approaches in this field. Appointment to the Chair shall be recommended by the Dean of the College of Dentistry, after consultation with section chairpersons, to the Provost and approved by the Board of Trustees; and

BE IT FURTHER RESOLVED, That it is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officers in order to carry out the desire of the donors.

Upon motion of Ms. Casto, seconded by Mr. Wexner, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**CHANGES IN THE UNIVERSITY'S REQUIREMENTS AND  
PROCEDURES FOR GRADUATING WITH HONORS**

Resolution No. 92-95

Synopsis: The Academic Affairs Committee recommended the approval of changes in the University's requirements and procedures for graduating with honors.

WHEREAS the Task Force on Graduation with University Honors has conducted a careful review of the University's requirements and procedures for graduating with honors; and

WHEREAS the Task Force proposed that two major changes be made, including: (1) adding the designation magna cum laude to the list of honors, and (2) abolishing the designation "With University Honors" and substituting the award of a "University Commendation"; and

WHEREAS the addition of the third designation of honors, magna cum laude, would bring The Ohio State University more in line with other peer institutions; and

March 6, 1992 meeting, Board of Trustees

**CHANGES IN THE UNIVERSITY'S REQUIREMENTS AND  
PROCEDURES FOR GRADUATING WITH HONORS (contd)**

WHEREAS the University Senate, on January 25, 1992, approved the changes in the University's requirements and procedures for graduating with honors:

NOW THEREFORE

BE IT RESOLVED, That the above changes in the University's requirements and procedures for graduating with honors is hereby approved effective Winter Quarter 1992.

Upon motion of Ms. Casto, seconded by Mr. Shumate, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY**

Resolution No. 92-96

Synopsis: The Academic Affairs Committee recommended the approval of the following amendments to the Rules of the University Faculty.

WHEREAS the University Senate pursuant to rule 3335-1-09 of the Administrative Code is authorized to recommend through the President to the Board of Trustees the adoption of amendments to the Rules of the University Faculty as approved by the University Senate; and

WHEREAS the proposed changes in the Rules of the University Faculty were approved by the University Senate on December 7, 1991, and January 25, 1992:

**AMENDED RULES**

3335-5-19 Faculty.

As used in these rules the term "faculty" shall include persons appointed by the board of trustees with regular, regular clinical, auxiliary, and emeritus faculty titles on full- or part-time appointments, with or without salary.

(A) "Regular faculty": persons with the titles of professor, associate professor, assistant professor, and instructor who serve on appointments totaling fifty per cent or more service to the university.

(B) "Regular clinical faculty": persons with the titles of professor of clinical (division, department or college), associate professor of clinical (division, department or college), assistant professor of clinical (division, department or college), and instructor of clinical (division, department or college), who serve on appointments totaling fifty per cent or more service to the university. Regular clinical faculty appointments are made only in the college of dentistry, the college of optometry, the college of nursing, the departments of veterinary clinical sciences and veterinary preventive medicine in the college of veterinary medicine, the divisions of pharmacy practice and pharmaceutical administration in the college of pharmacy, and the following departments in the college of medicine: anesthesiology, emergency medicine, family medicine, internal medicine, neurology, obstetrics and gynecology, ophthalmology, otolaryngology, pathology, pediatrics, physical medicine, preventive medicine, psychiatry, radiology, and surgery.

**AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)**

The number of persons holding regular clinical faculty titles in each division, department or college cannot be greater than one-third the number of persons holding regular faculty titles in that division, department or college. Individuals appointed to the regular clinical faculty are limited to participating in governance at the division, departmental and college levels, but may not participate in promotion and tenure matters of regular faculty.

(C) and (D) unchanged.

3335-9-33 Standards for honors at graduation.

(A) Degrees "cum laude," "magna cum laude," and "summa cum laude" may be granted for exceptional achievement in the curriculum of each college or other enrollment unit. The number of students accorded these honors shall not exceed ten per cent. The number of students accorded "summa cum laude" and "magna cum laude" shall not exceed six per cent, and the number of students accorded "summa cum laude" shall not exceed three per cent of the graduating classes of the enrollment unit. Eligibility for these honors shall be based on a minimum of ninety credit hours of work COURSE enrollment at this university.

(B) Standards for graduation "with distinction in [special subject(s)]" and "with honors in [ ]" shall be as adopted by the council on academic affairs.

(C) Beyond these minimal requirements the enrollment units may establish additional stipulations for graduation "cum laude," "magna cum laude," and "summa cum laude."

3335-47-11 Regular clinical faculty ranks.

The titles of regular clinical faculty are professor of clinical (division, department or college), associate professor of clinical (division, department or college), assistant professor of clinical (division, department or college), and instructor of clinical (division, department or college). Individuals in this track may have a full range of responsibilities to appropriate academic units with emphasis on patient care and clinical teaching activities. Clinical activities for faculty members in this category are to be included in approved practice plans.

(A) Appointment criteria.

Initial appointments, or transfer, to the regular clinical faculty will be made for individuals with the following experience or credentials:

(1) They are strict or geographic full-time faculty members in academic units authorized to make regular clinical faculty appointments (see paragraph (B) of rule 3335-5-19 of the Administrative Code).

(2) They engage in activities which consist primarily of patient care and clinical teaching and supervision.

(3) They have the appropriate educational background and credentials to engage in the activities outlined in paragraph (A)(2) of this rule. Formal requisite: D.D.S., D.V.M., M.D., Pharm. D., D.N.S., R.N., OR Ph.D., R.N., OR Ed.D., R.N., or O.D. degree or equivalent qualification.

March 6, 1992 meeting, Board of Trustees

**AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)**

(4) They are essential to the continuing mission of the relevant college as determined by the appropriate clinical division or department chairperson, dean of the college, and senior vice president for academic affairs and provost.

Balanced unchanged.

NOW THEREFORE

BE IT RESOLVED, That the foregoing amendments to the Rules of the University Faculty be adopted as recommended by the University Senate.

Upon motion of Ms. Casto, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**HONORARY DEGREE**

Resolution No. 92-97

Synopsis: The Academic Affairs Committee recommended approval of awarding an honorary degree to Arpad Goncz.

WHEREAS pursuant to paragraph (C) of rule 3335-3-03 of the Administrative Code, the President, after consultation with the Steering Committee of the University Senate, recommends to the Board of Trustees awarding of an honorary degree as listed below:

Arpad Goncz

Doctor of Humane Letters

NOW THEREFORE

BE IT RESOLVED, That the above honorary degree be awarded in accordance with the recommendation at a time convenient to the University and the recipient.

Upon motion of Ms. Casto, seconded by Mr. Celeste, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**PERSONNEL ACTIONS**

Resolution No. 92-98

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the February 7, 1992 meeting of the Board, including the following Appointments, Appointment of Chairpersons, Professional Improvement Leaves, Professional Improvement Leave--Cancellation, Emeritus Titles, and Medical Staff Appointments (The Arthur G. James Cancer Hospital and Research Institute) as detailed in the University Budget be approved, and the Appointments/Reappointments (The Ohio State University Hospitals) approved January 30, 1992, by the Hospitals Board be ratified.

March 6, 1992 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

Appointments

Name: JOAN N. HUBER  
Title: Senior Vice President and Provost  
Office: Academic Affairs  
Effective: April 1, 1992  
Salary: \$142,008.00  
Present Position: Dean, College of Social and Behavioral Sciences  
and Coordinating Dean, Colleges of the Arts and  
Sciences

Name: JANET G. PICHETTE  
Title: Vice President  
Office: Business and Administration  
Effective: April 15, 1992  
Salary: \$130,008.00  
Present Position: Vice President for Business and Finance, and Treasurer,  
Eastern Michigan University, Ypsilanti, MI

Name: WILLIAM J. SHKURTI  
Titles: Vice President and Adjunct Professor  
Office/School: Finance/Public Policy and Management  
Effective: February 21, 1992  
Salary: \$130,008.00  
Present Position: Acting Vice President for Finance and Adjunct Professor,  
Public Policy and Management

Name: JERALD GREENBERG  
Title: Professor (The Irving Abramowitz Memorial Professorship)  
College: Business  
Term: March 1, 1992 through February 28, 1997  
Present Position: Professor, Department of Management and Human Resources

Appointment of Chairpersons

October 1, 1991 through June 30, 1992

Astronomy

Gerald H. Newsom\*

March 1, 1992 through June 30, 1992

Materials Science and Engineering

George R. St. Pierre\*

\*Acting Chair

Professional Improvement Leaves

DAGMAR C. G. LORENZ, Professor, Department of German, effective Autumn Quarter 1992,  
Winter Quarter and Spring Quarter 1993.

KENNETH E. NAYLOR, Professor, Department of Slavic and East European Languages and  
Literatures, effective Autumn Quarter 1992, Winter Quarter and Spring Quarter 1993.

March 6, 1992 meeting, Board of Trustees

### **PERSONNEL ACTIONS (contd)**

#### Professional Improvement Leaves (contd)

JANE M. SNYDER, Professor, Department of Classics, effective Autumn Quarter 1992, Winter Quarter and Spring Quarter 1993.

HEIMY F. TAYLOR, Professor, Department of German, effective Autumn Quarter 1992, Winter Quarter and Spring Quarter 1993.

SARA GARNES, Associate Professor, Department of English, effective Autumn Quarter 1992, Winter Quarter and Spring Quarter 1993.

YUNG-HEE KWON, Associate Professor, Department of East Asian Languages and Literatures, effective Autumn Quarter 1992, Winter Quarter and Spring Quarter 1993.

CLAIRE C. ROBERTSON, Associate Professor, Department of History, effective Autumn Quarter 1992, Winter Quarter and Spring Quarter 1993.

SABRA J. WEBBER, Associate Professor, Department of Judaic and Near Eastern Languages and Literatures, effective Autumn Quarter 1992, Winter Quarter and Spring Quarter 1993.

JEROME B. ZUTELL, JR., Associate Professor, Department of Educational Theory and Practice, effective Winter Quarter and Spring Quarter 1993.

#### Professional Improvement Leave--Cancellation

CARTER V. FINDLEY, Professor, Department of History, effective Spring Quarter and Autumn Quarter 1992, and Winter Quarter 1993.

#### Professional Improvement Leaves--Change in Dates

KEITH M. KILTY, Professor, College of Social Work, change leave from Autumn Quarter 1991, Winter Quarter and Spring Quarter 1992, to Autumn Quarter 1991.

VIRGINIA E. RICHARDSON, Professor, College of Social Work, change leave from Winter Quarter and Spring Quarter 1992, to Winter Quarter 1992.

#### Emeritus Titles

DONALD D. GLOWER, Office of University Development -- Administration and Department of Mechanical Engineering, with the titles Vice President and Professor Emeritus, effective March 1, 1992.

FRANCIS E. HAZARD, Marion Campus, with the title Dean and Director Emeritus, effective March 1, 1992.

LENA M. BAILEY, College of Human Ecology -- Administration, with the title Dean and Professor Emeritus, effective March 1, 1992.

KATHRYN S. PYANT, Graduate School -- Administration and Department of Medical Biochemistry, with the title Associate Dean and Associate Professor Emeritus, effective March 1, 1992.

March 6, 1992 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

Emeritus Titles (contd)

ROBERT F. REDMOND, College of Engineering -- Administration, with the title Professor and Associate Dean Emeritus, effective March 1, 1992.

MILTON WYMAN, College of Veterinary Medicine -- Administration, with the title Associate Dean and Professor Emeritus, effective January 1, 1992.

ERWIN M. KOHLER, College of Veterinary Medicine -- Administration, with the title Assistant Dean and Professor Emeritus, effective March 1, 1992.

JAMES C. METZLER, College of Dentistry -- Administration, with the title Assistant Dean and Associate Professor Emeritus, effective March 1, 1992.

DAN D. GARRISON, Agricultural Technical Institute -- Administration, with the title Director Emeritus, effective March 1, 1992.

THOMAS V. BATTENBERG, School of Music, with the title Assistant Director and Professor Emeritus, effective March 1, 1992.

A. PETER COSTANZA, School of Music, with the title Assistant Director and Professor Emeritus, effective March 1, 1992.

GEORGE R. ST. PIERRE, Department of Materials Science and Engineering, with the title Chairperson and Professor Emeritus, effective March 1, 1992.

P. TENNYSON WILLIAMS, Department of Family Medicine, with the title Chairperson and Professor Emeritus, effective March 1, 1992.

DARREL L. ACKER, Cooperative Extension Service, with the title Professor Emeritus, effective March 1, 1992.

L. EUGENE ARNOLD, Department of Psychiatry, with the title Professor Emeritus, effective March 1, 1992.

CHARLES L. BABCOCK, Department of Classics, with the title Professor Emeritus, effective March 1, 1992.

ALFRED G. BISHARA, Department of Civil Engineering, with the title Professor Emeritus, effective March 1, 1992.

JOHN D. BRIGGS, Department of Entomology, with the title Professor Emeritus, effective March 1, 1992.

GARTH A. CAHOON, Department of Horticulture, with the title Professor Emeritus, effective March 1, 1992.

MAURICE T. CASEY, School of Music, with the title Professor Emeritus, effective March 1, 1992.

JACK A. COLLINS, Department of Mechanical Engineering, with the title Professor Emeritus, effective March 1, 1992.

March 6, 1992 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

Emeritus Titles (contd)

DAVID W. DEAN, Department of Mathematics, with the title Professor Emeritus, effective March 1, 1992.

C. RICHARD DORN, Department of Veterinary Preventive Medicine, with the title Professor Emeritus, effective March 1, 1992.

PAUL E. DROSTE, School of Music, with the title Professor Emeritus, effective March 1, 1992.

ALI Z. ELGABRI, Department of Communication, with the title Professor Emeritus, effective March 1, 1992.

ROBERT L. FOLK, Department of Internal Medicine, with the title Professor Emeritus, effective March 1, 1992.

JAMES F. GALLANDER, Department of Horticulture, with the title Professor Emeritus, effective March 1, 1992.

GILBERT W. HALL, Department of Art, with the title Professor Emeritus, effective March 1, 1992.

VINCENT V. HAMPARIAN, Department of Pediatrics, with the title Professor Emeritus, effective March 1, 1992.

ERWIN F. HEBNER, Department of Art, with the title Professor Emeritus, effective March 1, 1992.

CHARLES W. HOFFMANN, Department of German, with the title Professor Emeritus, effective March 1, 1992.

ROBERT E. JACOBSON, Department of Agricultural Economics and Rural Sociology, with the title Professor Emeritus, effective March 1, 1992.

EDWARD J. KANE, Department of Economics, with the title Professor Emeritus, effective March 1, 1992.

MARTIN D. KELLER, Department of Preventive Medicine, with the title Professor Emeritus, effective March 1, 1992.

DALE W. KRETCHMAN, Department of Horticulture, with the title Professor Emeritus, effective March 1, 1992.

ROBERT T. LEBLANC, School of Music, with the title Professor Emeritus, effective March 1, 1992.

CLARK LEAVITT, Department of Marketing, with the title Professor Emeritus, effective March 1, 1992.

DAVID J. LIM, Department of Otolaryngology, with the title Professor Emeritus, effective February 1, 1992.

JOHN B. LINDAMOOD, Department of Food Science and Technology, with the title Professor Emeritus, effective March 1, 1992.

March 6, 1992 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

Emeritus Titles (contd)

NANCY J. MACGREGOR, Department of Art Education, with the title Professor Emeritus, effective March 1, 1992.

KAMRAN MAJIDZADEH, Department of Civil Engineering, with the title Professor Emeritus, effective March 1, 1992.

JAMES H. MARTIN, Department of Food Science and Technology, with the title Professor Emeritus, effective March 1, 1992.

WILLIAM MELNICK, Department of Otolaryngology, with the title Professor Emeritus, effective March 1, 1992.

LAWRENCE J. MONROE, Department of Psychiatry, with the title Professor Emeritus, effective March 1, 1992.

JOHN B. NEUHARDT, Department of Industrial and Systems Engineering, with the title Professor Emeritus, effective March 1, 1992.

DAVID G. NIELSEN, Department of Entomology, with the title Professor Emeritus, effective March 1, 1992.

HARRY D. NIEMCZYK, Department of Entomology, with the title Professor Emeritus, effective March 1, 1992.

ROBERT J. OUELLETTE, Department of Chemistry, with the title Professor Emeritus, effective March 1, 1992.

ANDREW C. PENG, Department of Horticulture, with the title Professor Emeritus, effective March 1, 1992.

ROBERT M. PFISTER, Department of Microbiology, with the title Professor Emeritus, effective March 1, 1992.

K. NARAHARI RAO, Department of Physics, with the title Professor Emeritus, effective March 1, 1992.

KURT REIBEL, Department of Physics, with the title Professor Emeritus, effective March 1, 1992.

VINCENT T. RICCA, Department of Civil Engineering, with the title Professor Emeritus, effective March 1, 1992.

THOMAS A. ROMANOWSKI, Department of Physics, with the title Professor Emeritus, effective March 1, 1992.

PAUL G. SHEWMON, Department of Materials Science and Engineering, with the title Professor Emeritus, effective March 1, 1992.

ELTON M. SMITH, Department of Horticulture, with the title Professor Emeritus, effective March 1, 1992.

March 6, 1992 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

Emeritus Titles (contd)

GORDON R. STAIRS, Department of Entomology, with the title Professor Emeritus, effective March 1, 1992.

THOMAS M. STEPHENS, Department of Educational Services and Research, with the title Professor Emeritus, effective March 1, 1992.

LOUIS SUCHESTON, Department of Mathematics, with the Professor Emeritus, effective March 1, 1992.

HARRY K. TAYAMA, Department of Horticulture, with the title Professor Emeritus, effective March 1, 1992.

CHARLES A. TRIPLEHORN, Department of Entomology, with the title Professor Emeritus, effective March 1, 1992.

GREGORY L. TRZEBIATOWSKI, Department of Educational Policy and Leadership, with the title Professor Emeritus, effective February 1, 1992.

WILLIAM J. TYZNIK, Department of Animal Science, with the title Professor Emeritus, effective March 1, 1992.

JOHN F. UNDERWOOD, Cooperative Extension Service, with the title Professor Emeritus, effective March 1, 1992.

ROGER A. YEARY, Department of Veterinary Physiology and Pharmacology, with the title Professor Emeritus, effective May 1, 1992.

ROBERT S. YOUNG, Department of Family Medicine, with the title Professor Emeritus, effective March 1, 1992.

WILLIAM L. BAUERLE, Department of Horticulture, with the title Associate Professor Emeritus, effective March 1, 1992.

HANNAH H. BEISH, Cooperative Extension Service, with the title Associate Professor Emeritus, effective March 1, 1992.

CAROLYN N. BURNETT, School of Allied Medical Professions, with the title Associate Professor Emeritus, effective March 1, 1992.

DARYL R. CLARK, Cooperative Extension Service, with the title Associate Professor Emeritus, effective March 1, 1992.

ANNE R. COVENEY, Department of Family Resource Management, with the title Associate Professor Emeritus, effective March 1, 1992.

SHIRLEY F. HECK, Department of Educational Theory and Practice, with the title Associate Professor Emeritus, effective March 1, 1992.

H. JOAN LEHR, School of Music, with the title Associate Professor Emeritus, effective March 1, 1992.

March 6, 1992 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

Emeritus Titles (contd)

CLAYTON K. LOWE, Department of Photography and Cinema, with the title Associate Professor Emeritus, effective March 1, 1992.

JAMES L. MOORE, School of Music, with the title Associate Professor Emeritus, effective March 1, 1992.

ERNEST R. NILO, Department of Otolaryngology, with the title Associate Professor Emeritus, effective January 1, 1992.

WILLIAM D. PLOUGHE, Department of Physics, with the title Associate Professor Emeritus, effective March 1, 1992.

JEAN D. POWERS, Department of Veterinary Clinical Sciences, with the title Associate Professor Emeritus, effective March 1, 1992.

JAMES E. SCHULTZ, Department of Mathematics, with the title Associate Professor Emeritus, effective March 1, 1992.

CLARA C. SPATH, Cooperative Extension Service, with the title Associate Professor Emeritus, effective March 1, 1992.

JEAN SWARTZ, Cooperative Extension Service, with the title Associate Professor Emeritus, effective March 1, 1992.

JOHN L. TEWKSBURY, Department of Educational Theory and Practice, title correction from Professor Emeritus to Associate Professor Emeritus, effective March 1, 1992.

JOSEPH A. ZILBER, Department of Mathematics, with the title Associate Professor Emeritus, effective March 1, 1992.

FRANK W. BRUMFIELD, College of Dentistry (Periodontology), with the title Assistant Professor Emeritus, effective March 1, 1992.

ANTHONY P. GRIFO, Department of Animal Science, with the title Assistant Professor Emeritus, effective December 1, 1991.

HAROLD C. SCHNEIDER, Cooperative Extension Service, with the title Assistant Professor Emeritus, effective March 1, 1992.

ROBERT L. SUTTON, Cooperative Extension Service, with the title Assistant Professor Emeritus, effective March 1, 1992.

ALAN R. THORSON, University Libraries, with the title Assistant Professor Emeritus, effective March 1, 1992.

ROBERT A. TIBBETTS, University Libraries, with the title Assistant Professor Emeritus, effective March 1, 1992.

ROBERT K. TROUTMAN, Cooperative Extension Service, with the title Assistant Professor Emeritus, effective March 1, 1992.

March 6, 1992 meeting, Board of Trustees

### PERSONNEL ACTIONS (contd)

Emeritus Titles (contd)

WILLIAM J. TWAROGOWSKI, Cooperative Extension Service, with the title Assistant Professor Emeritus, effective March 1, 1992.

NEAL J. BAILEY, College of Optometry, with the title Clinical Associate Professor Emeritus, effective March 1, 1992.

Medical Staff Appointments (The Arthur G. James Cancer Hospital and Research Institute)

July 1, 1991 through June 30, 1993

FISHCER, RICHARD ALAN, M.D., Department of Surgery, Associate Attending Staff

TETIRICK, JACK E., M.D., Department of Surgery, Attending Staff

Medical Staff Appointments (The Ohio State University Hospitals)

AMATO, ANTHONY A., Limited Staff, Department of Neurology

AMRA, NASIR K., Attending Staff, Department of Pathology

ASHMAN, CAROL J., Limited Staff, Department of Radiology--Division of Diagnostic Radiology

BOUTROS, NASHAAT N., Attending Staff, Department of Psychiatry

COHEN, DANIEL M., Limited Staff, Department of Pediatrics

DEGROOT, CHRISTOPHER M., Attending Staff, Department of Psychiatry

FOX, CHARITY C., Attending Staff, Department of Internal Medicine--Division of Rheumatology/Immunology

FRENCH, GINA M., Limited Staff, Department of Pediatrics

HARRIS, BERNARD, Limited Staff, Department of Anesthesiology

HESTAND, NANCY L., Courtesy Staff, Department of Pediatrics

LEIPZIG, JAMES M., Attending Staff, Department of Surgery--Division of Orthopaedic Surgery

LOZANO, ROLANDO A., Attending Staff, Department of Pediatrics

MCGREGOR, JOHN M., Attending Staff, Department of Surgery--Division of Neurosurgery

MCGREGOR, MARY LOU, Courtesy Staff, Department of Ophthalmology

MILLER, KARL E., Attending Staff, Department of Family Medicine

ROSS, PATRICK, JR., Attending Staff, Department of Surgery--Division of Thoracic & Cardiovascular Surgery

SAMLOWSKI, RALPH C., Courtesy Staff, Department of Family Medicine

SHOOK, SCOTT L., Limited Staff, Department of Psychiatry

SMITH, JAMES H., Limited Staff, Department of Internal Medicine--Division of General Medicine

TORRES, CARLOS A., Limited Staff, Department of Emergency Medicine

TURMAN, MARTIN A., Attending Staff, Department of Pediatrics

VAN BUREN, RONALD C., Attending Staff, Department of Family Medicine

WODARCZYK, KATHLEEN M., Courtesy Staff, Department of Pediatrics

ZYNIEWICZ, KELLEY J., Courtesy Staff, Department of Internal Medicine--Division of Dermatology

CAVAZOS, FILIBERTO, Attending Staff, Department of Pathology

COLOMA, ARLENE J., Limited Staff, Department of Dentistry--Division of General Dentistry

DAVIS, JOHN B., Attending Staff, Department of Dentistry--Division of General Dentistry

FISCHER, RICHARD A., Attending Staff, Department of Surgery--Division of Orthopaedic Surgery

FISHBEIN, MARK H., Attending Staff, Department of Pediatrics

HICKEY, ROBERT W., Attending Staff, Department of Pediatrics

MAHER, EILEEN M., Courtesy Staff, Department of Pediatrics

SALAZAR, ANASTASIO, Limited Staff, Department of Surgery--Division of Transplantation

SCHUMANN, SCOTT D., Attending Staff, Department of Dentistry--Division of General Dentistry

March 6, 1992 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

Medical Staff Appointments (The Ohio State University Hospitals) (contd)

SZAMES, STEVEN E., Courtesy Staff, Department of Internal Medicine--Division of Endocrinology and Metabolism

TUCKER, FREDERICK C., JR., Limited Staff, Department of Internal Medicine--Division of Hematology and Oncology

HULL, WALTER B., Attending Staff, Department of Obstetrics and Gynecology

MCCAMISH, MARK A., Attending Staff, Department of Internal Medicine--Division of Endocrinology and Metabolism

MORGAN, DONALD A., Attending Staff, Department of Dentistry--Division of General Dentistry

Medical Staff Reappointment (The Ohio State University Hospitals)

GOLDBERG, DONALD, Courtesy Staff, Department of Psychiatry--Division of General Psychiatry

Physician Extender Appointment (The Ohio State University Hospitals)

TAYLOR, DEBORAH A., Department of Psychiatry

Physician Extender Reappointment (The Ohio State University Hospitals)

ELLIOTT, MARK L., Department of Anesthesiology

Upon motion of Ms. Casto, seconded by Mr. Celeste, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

Mr. Teaford:

I would like, at this time, to introduce Vice President Tom. We welcome you here and are delighted to have you as part of the family.

Ms. Tom:

Thank you, very much.

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**RESOLUTIONS IN MEMORIAM**

Resolution No. 92-99

Synopsis: The Academic Affairs Committee recommended the approval of the following Resolutions in Memoriam.

RESOLVED, That the Board adopt the following Resolutions in Memoriam and that the President be requested to convey a copy to the families of the deceased.

March 6, 1992 meeting, Board of Trustees

### **RESOLUTIONS IN MEMORIAM (contd)**

John F. Bridge

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on January 8, 1992, of John F. Bridge, Assistant Professor in the Department of Mechanical Engineering. John F. Bridge was born on December 27, 1933, in Sioux City, Iowa, and he received his Bachelor of Science degree in Mechanical Engineering from the Iowa State University in 1955. Dr. Bridge served in the United States Navy achieving the rank of Lieutenant Commander. He pursued the M.S. and the Ph.D. degrees in Mechanical Engineering from Ohio State, receiving his Ph.D. in 1963. Dr. Bridge was an active environmentalist and outdoorsman. For many years he participated in mountain climbing exhibitions and exploring of caves throughout the West and Midwest regions of the United States. He had special interest in the areas of fluid mechanics and applications to biomedical studies.

Dr. Bridge joined the Department of Mechanical Engineering in 1957, serving as an instructor and lecturer while he pursued his advanced studies. His genuine commitment and dedication to the Department and the University were particularly noteworthy. He was an inspiration to many students and served as an advisor to many specialized student interest groups within the department. For many years he was heavily involved in assisting Vietnam refugees who were relocated to Columbus, and became a mentor on pursuit of academic interests. These students valued him both as friend and advisor in their studies both in engineering and other academic areas of the University. Many of these students have gone on to earn either professional doctoral degrees or medical degrees, and attribute their success to Dr. Bridge's understanding, advice, and encouragement.

In addition to his teaching at The Ohio State University, Dr. Bridge was involved in research in the area of fluid mechanics and heat transfer. Working in collaboration with Professor Marco, he developed practical solutions and approaches to a variety of process heat transfer problems. For over 30 years, Professor Bridge provided dedicated teaching to the students in the College of Engineering.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in their loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Faye S. Smith

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on December 8, 1991, of Faye S. Smith, Assistant to the Secretary of the Board of Trustees Emeritus.

Faye S. Smith was born in Millersburg, Ohio, on December 19, 1916. She attended the College of Wooster and then The Ohio State University, receiving a Bachelor of Science in Education degree in 1939 and a Master of Arts degree in 1952.

Faye Smith dedicated her life to education both at the K-12 and collegiate levels. Upon completion of her undergraduate degree in business education, Ms. Smith taught in the public school systems throughout Ohio. In 1953, after obtaining her M.A. degree, Faye Smith left her teaching post at Gahanna-Lincoln High School in Gahanna to become an assistant professor at Otterbein College in Westerville, Ohio. Ms. Smith accepted a position with the office of the Board of Trustees at The Ohio State University in 1960.

March 6, 1992 meeting, Board of Trustees

**RESOLUTIONS IN MEMORIAM (contd)**

Faye S. Smith (contd)

During her years of service to the University, Faye Smith worked with three secretaries of the Board and her tenure spanned the terms of three Ohio State Presidents. As Assistant to the Secretary, she contributed significantly to the modernization of the liaison role between the University's Trustees and its senior administration which is central to the success of University governance. Her invaluable contributions were recognized upon her retirement from Ohio State in 1984, by the Board of Trustees who presented her with a special commendation and the title Assistant to the Secretary of the Board of Trustees Emeritus. The University also honored her outstanding service by presenting her with the Distinguished Service Award in 1987.s

On behalf of the University community, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in their loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Upon motion of Ms. Casto, seconded by Mr. Shumate, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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Mr. Teaford:

I think we can not go without saying that the Academic Affairs Committee is losing a great support in Vice President Hutchinson; and, "Mr. President", we are sorry to lose you.

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**FISCAL AFFAIRS COMMITTEE REPORT**

Mr. Shumate:

The Fiscal Affairs Committee met this morning and in the Board agenda books there are several resolutions that we are recommending:

**PLANNING AND REQUEST FOR CONSTRUCTION BIDS**

Resolution No. 92-100

**ASTRONOMICAL INSTRUMENTATION FACILITY**

Synopsis: The Fiscal Affairs Committee recommended authorization to proceed with planning and to request construction bids for the Astronomical Instrumentation Facility.

WHEREAS in December 1989 the Board of Trustees authorized the employment of an architectural firm to design a new Astronomical Instrumentation Facility for the design and construction of state-of-the-art instruments for astronomical observation; and

WHEREAS the University desires to proceed with planning for this facility with the plan and exact site to be determined during the planning and design phase; and

March 6, 1992 meeting, Board of Trustees

**PLANNING AND REQUEST FOR CONSTRUCTION BIDS (contd)**

**ASTRONOMICAL INSTRUMENTATION FACILITY (contd)**

WHEREAS the preliminary estimate of the total project cost is \$2,378,300.00, with the construction cost estimated at \$1,620,900.00 and the total cost of the planning and design phase estimated at \$268,000.00, with funding for the total project to be provided from University funds:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Acting Vice President for Business and Administration be authorized to proceed with planning for this project, using the architectural firm previously selected, with the fees for these services to be negotiated between the firm and the University.

BE IT FURTHER RESOLVED, That so long as the total estimated project cost does not exceed \$2,378,300.00, the President and/or Acting Vice President for Business and Administration be authorized to request construction bids on this project in accordance with established University procedures, and if satisfactory bids are received, to award contracts with all actions to be reported to this Board at the appropriate time.

Upon motion of Mr. Shumate, seconded by Mr. Wexner, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix LXV for background material, page 1055.)

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**REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS**

Resolution No. 92-101

BIOTECHNOLOGY SUPPORT FACILITY  
BIOLOGICAL SCIENCES BUILDING REMODELING  
DERBY HALL RENOVATION  
LAZENBY HALL - THIRD FLOOR RENOVATION  
MANSFIELD CAMPUS - HVAC AND ELECTRICAL REHABILITATION

Synopsis: Approval of the Report of Award of Contracts and the Establishment of Contingency Funds for the listed projects is recommended.

WHEREAS a resolution adopted by the Board of Trustees on December 1, 1989, authorized the President and/or Vice President for Business and Administration to request construction bids in accordance with established University procedures, and if satisfactory bids were received to award contracts for the Biotechnology Support Facility project; and

WHEREAS resolutions adopted by the Board of Trustees on June 2, 1989, July 6, 1990, September 7, 1990, and October 5, 1990, authorized the President and/or Vice President for Business and Administration to request construction bids in accordance with established University and State of Ohio procedures, and if satisfactory bids were received to recommend the award of contracts for the following projects: Biological Sciences Building Remodeling, Derby Hall Renovation, Lazenby Hall - Third Floor Renovation, and Mansfield Campus - HVAC and Electrical Rehabilitation:

March 6, 1992 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

BIOTECHNOLOGY SUPPORT FACILITY  
BIOLOGICAL SCIENCES BUILDING REMODELING  
DERBY HALL RENOVATION  
LAZENBY HALL - THIRD FLOOR RENOVATION  
MANSFIELD CAMPUS - HVAC AND ELECTRICAL REHABILITATION (contd)

NOW THEREFORE

BE IT RESOLVED, That pursuant to the actions previously authorized by the Board, the Report of Award of Contracts and Establishment of Contingency funds for these projects is hereby approved.

Upon motion of Mr. Shumate, seconded by Mr. Celeste, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix LXVI for background and map, page 1057.)

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**ACCEPTANCE OF A GIFT OF REAL PROPERTY**

Resolution No. 92-102

1656-60 NEIL AVENUE  
COLUMBUS, OHIO

Synopsis: The Fiscal Affairs Committee recommended the authorization to accept a gift of real property located at 1656-60 Neil Avenue.

WHEREAS the late Mabel E. White, of Columbus, Ohio, was the owner of approximately 0.12 acres of real property located at 1656-60 Neil Avenue in Columbus, and by her Last Will and Testament devised this property to The Ohio State University; and

WHEREAS Ms. White's Will provides that the property is to be used to establish and fund the David Stuart White Fellowship Fund to provide graduate fellowships in Veterinary Medicine; and

WHEREAS the appropriate University offices have determined that the acceptance of this devise of real property and the establishment of this named fund are in the best interest of the University:

NOW THEREFORE

BE IT RESOLVED, That the property at 1656-60 Neil Avenue in Columbus, Ohio, be accepted as a gift to The Ohio State University from the Estate of Mabel E. White and that the property be used to establish the David Stuart White Fellowship Fund to support graduate fellowships in Veterinary Medicine and that the President and/or Acting Vice President for Business and Administration be authorized to acquire title to this property in the name of the State of Ohio for the use of The Ohio State University.

March 6, 1992 meeting, Board of Trustees

**ACCEPTANCE OF A GIFT OF REAL PROPERTY (contd)**

1656-60 NEIL AVENUE  
COLUMBUS, OHIO (contd)

Upon motion of Mr. Shumate, seconded by Ms. Casto, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix LXVII for background and map, page 1075.)

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**SALE OF REAL PROPERTY**

Resolution No. 92-103

0.029 ACRE ON REED ROAD  
COLUMBUS, OHIO

Synopsis: The Fiscal Affairs Committee recommended the approval of the sale of approximately 0.029 acre of land on Reed Road to the City of Columbus for road improvements.

WHEREAS the Board of Trustees owns a tract of land consisting of approximately 0.029 acre running along the east side of Reed Road south of the intersection with Bethel Road in the City of Columbus; and

WHEREAS the City of Columbus desires to purchase this tract for the purpose of making needed improvements to Reed and Bethel Roads as a part of the City's Bethel Road Improvements Project; and

WHEREAS an appraisal for the City and reviewed by the Ohio Department of Administrative Services valued this 0.029 acre tract at \$8,000.00 and the City has offered to purchase the tract for that amount; and

WHEREAS the appropriate University offices have determined that this sale is in the best interest of the University:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Acting Vice President for Business and Administration be authorized, in the name of the Board of Trustees of The Ohio State University, to sell all of the University's right, title, and interest in this property for no less than the appraised value, upon such terms and conditions as are deemed to be in the best interest of the University.

Upon motion of Mr. Shumate, seconded by Mr. Wexner, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix LXVIII for background and map, page 1079.)

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March 6, 1992 meeting, Board of Trustees

Judge Duncan:

Mr. Chairman and members of the Committee, as you well know some dispute with the University of Arizona regarding the Columbus Project has been ongoing. There have been negotiations with the University of Arizona, and there appears to be a likelihood that a fair and reasonable settlement agreement can be reached with the other parties of the project. Accordingly, a proposed resolution will authorize the President and/or Vice President for Research to continue to negotiate and enter into an agreement in settlement of all outstanding issues, claims, and obligations with regard to the Columbus Project.

Mr. Shumate:

The Board, I think, is very familiar with the background of this particular matter and this resolution that we would be approving is, as our General Counsel pointed out, to authorize the negotiations and the entering into an agreement. Are there any questions?

**COLUMBUS PROJECT AGREEMENT**  
Resolution No. 92-104

Synopsis: Approval of settlement between The Ohio State University, The University of Arizona and the Osservatorio Astrofisico d'Arcetri with regard to the withdrawal of The Ohio State University from the Columbus Project is proposed.

WHEREAS The Ohio State University, the University of Arizona, and the Osservatorio Astrofisico d'Arcetri are considering an agreement that would resolve all issues and claims related to the Columbus Project among the three parties:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Research be authorized to negotiate and enter into an agreement in settlement of all outstanding issues and obligations with regard to the Columbus Project as described above with The University of Arizona and the Osservatorio Astrofisico d'Arcetri.

Upon motion of Mr. Shumate, seconded by Ms. Casto, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**NOMINATING COMMITTEE**

Mr. Teaford:

I would like to announce the appointment of the Nominating Committee to select the next Chair and Vice Chair of the Board. The Committee is:

Hamilton J. Teaford, Chairman  
John J. Barone  
Deborah E. Casto

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March 6, 1992 meeting, Board of Trustees

Thereupon the Board adjourned to meet Friday, April 3, 1992, at The Ohio State University Mansfield Campus, Mansfield, Ohio.

Attest:

Madison H. Scott  
Secretary

Hamilton J. Teaford  
Chairman

THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND TWO HUNDRED AND EIGHTY-FIRST MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, April 3, 1992

The Board of Trustees met at its regular monthly meeting on Friday, April 3, 1992, at The Ohio State University Mansfield Campus, Mansfield, Ohio, pursuant to adjournment.

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Minutes of the last meeting were approved.

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April 3, 1992 meeting, Board of Trustees

The Chairman, Mr. Teaford, called the meeting of the Board of Trustees to order on April 3, 1992, at 9:20 a.m. He requested the Secretary to call the roll. The meeting recessed into Executive Session for the purpose of considering legal issues and personnel-related matters.

Present: Hamilton J. Teaford, Chairman, John J. Barone, Deborah E. Casto, John W. Kessler, Alex Shumate, Theodore S. Celeste, Michael F. Colley, David A. Tonnies, and Kristen Cusack.

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Mr. Teaford reconvened the meeting on April 3, 1992, at 11:30 a.m.

Present: Hamilton J. Teaford, Chairman, John J. Barone, Deborah E. Casto, John W. Kessler, Alex Shumate, Theodore S. Celeste, Michael F. Colley, David A. Tonnies, and Kristen Cusack.

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### **PRESIDENT'S REPORT**

President Gee:

It is a delight for us to be here today on this beautiful campus. I want to thank Dean John Riedl and his staff for hosting us on this occasion. It is always a pleasure for me to be here and it is a pleasure, John, I can assure you and the Citizens Committee and others, for the Trustees to come and be here with us.

In addition to serving as dean and director here, and associate professor of mathematics, Dr. Riedl is coordinating dean for our extended campuses. I am pleased to have this opportunity to publicly express my appreciation to you, John, and to tell you what an outstanding job you are doing to strengthen Ohio State's role in the many communities we serve.

Our extended campuses are the front doors to the university for thousands of people. The growth of the programs and enrollment on this campus since its inception in 1958 serves to demonstrate the important niche they fill in meeting the needs of Ohioans. Each time I visit these campuses, I am reminded of their particular importance to place-bound students, returning students, and those part or full-time employed. They serve as an entry point to the University for a number of students pursuing majors only available here or there. And for many, they provide the opportunity for personal enrichment, advancement, or career change.

As is evident today, these campuses have a very special relationship with the surrounding communities. Through educational and cultural programming, research, and advisory committees, the campuses are responsive to the needs of their host areas.

The past month has given me another exceptional opportunity to see first-hand the many ways that The Ohio State University reaches out to the people of the state. In a four-day state tour, I visited 12 western Ohio counties. Actually, in the more than 500 miles we put on the van, we drove through several more counties -- but my staff will not let me count those drive-through glimpses!

April 3, 1992 meeting, Board of Trustees

### **PRESIDENT'S REPORT (contd)**

President Gee: (contd)

I visited three high schools and spoke to eight alumni gatherings, with a total attendance of nearly 1,000. To our lunch time meetings, we invited the area school superintendents, principals, and guidance counselors to join our alumni. In several spots, we were joined by Optimist and Lions Club members. In the evenings, we included newly admitted students of high ability and their parents. I came away from these meetings energized by the spirit and loyalty of our many friends that we have in this great state. They left, I hope, fired up to call their elected officials and actively support this university. I, of course, met with several of our friends from the General Assembly in their home districts, and with newspapers and broadcast media.

In order to see the work of Ohio State in the field (quite literally), we visited a swine farm, a recycling center, the Hobart Institute of Welding Technology, and the Dannon Yogurt plant. We saw bacon and ham on the hoof, and blueberry yogurt in vats.

Our extension faculty and faculty members on the campuses are working closely with these and other businesses and industries, contributing to their success. In our sessions with community leaders, it was clear they appreciate the resources of The Ohio State University.

From the town of St. Patrick in Shelby County -- on St. Patrick's Day -- to Ohio Northern University, we had a very busy and productive few days. I look forward to three more tours this spring and summer. I think that will make all 88 counties for me!

The importance of our outreach is brought into sharp focus as we face a serious budget crisis. The people of this state told me quite clearly that they value Ohio State and what it is doing for them, their children, and their communities. I have spent considerable time this past month making that point and de-bunking a number of myths as we attempt to set the record straight on the true worth of universities and, in particular, of Ohio State.

During a television interview in Cleveland Wednesday, I told the listeners that the future of this state is in peril if we allow political short-sightedness to put the brakes on progress. I appreciate the support I have received from faculty, students, staff members, from people in this room, and others who have crowded out on that limb with me!

We heard today from Jim Mager, Bob Arkin, and David Hothersall about the success of our student recruitment program. Let me assure them and you that we will work tirelessly to ensure that the students they have brought to our university have the high quality experience they expect and deserve. Student recruitment is but one of our success stories. There are a number of good things happening around our campuses.

The synchronized swimming team again won a national championship and we had a national championship wrestler. Mark Harper, a doctoral student in materials science and engineering won a BF Goodrich Inventors Award one of three in the nation. He also has recently been named a Fulbright Scholar.

April 3, 1992 meeting, Board of Trustees

### **PRESIDENT'S REPORT (contd)**

President Gee: (contd)

Dr. Lynne Cheney, the chair of the National Endowment for the Humanities, delivered a lecture in Columbus last evening as part of the Leaders for the 21st Century Speaker Series -- a program developed for and by students. Hispanic Awareness Week opens tomorrow, and the Surgeon General of the United State, Dr. Antonia Novello, will be the speaker.

And so, the recent weather notwithstanding, spring has arrived at The Ohio State University. A glance at our newspaper, the Lantern, during the first week of spring reveals these things that a student can do:

- Go to a student government candidate debate
- Volunteer to be a Wexner Center usher
- Join the two-time defending Big Ten Champion Rugby Team
- Buy a computer that, the ad claims, will do everything but the laundry and find you a date!
- Join a rally for state support of education
- Apply for a summer undergraduate research position in the College of Pharmacy or, I suppose, any one of the hundreds of other things that spring brings out in our energetic and talented students!

In closing, I do not want the occasion to pass without noting our pride in the Big Ten Champion men's basketball team. Many have comments about the extraordinary way the campuses and community have embraced this group of students and their coaches.

I was not able to attend the games in Lexington -- and I left it to Chairman Teaford to get the job done. But, much greater than our disappointment is our pride in the way they represented this university. They lifted our spirits and gave us great joy. And they certainly represent the word "student" in student athlete, as well as any group of young men I have seen.

Thank you, Mr. Chairman. Again, John, thanks to you and all of our friends from Mansfield for allowing us to be at this beautiful campus on this great occasion.

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### **RESEARCH FOUNDATION REPORT**

Ms. Casto:

I am pleased to report that the increase in research funding received by The Ohio State University Research Foundation continues to show real growth. At tab 1 we see that the award level for the period, July through February, is 24.79 percent above the same period last year. The industrial awards category has increased by over 46

April 3, 1992 meeting, Board of Trustees

### **RESEARCH FOUNDATION REPORT (contd)**

Ms. Casto: (contd)

percent. However, funding from the State of Ohio is down by about 35 percent. The number of awards received during this period has increased from 919 to 984.

At tab 2 you will find expenditure summaries. It is noteworthy that the expenditures for permanent equipment are running more than 27 percent ahead of the same period last year. Research indirect costs have increased from \$17.0 million to \$18.7 million.

Some projects of special interest which were funded in the month of February are listed at tab 3. I thought you might be interested that the College of Medicine is continuing a comprehensive program to increase the number of physicians trained from a disadvantaged background. The NSF funding for a summer workshop on data analysis for undergraduate faculty is a good example of how federal funding can contribute significantly to undergraduate education. At tab 4 is the list of all projects funded in February. In addition to the awards listed, I am pleased to inform you that we will soon be receiving three highly prestigious Alfred P. Sloan Fellowships.

Tab 5 includes two press releases issued by University Communications highlighting recent research activity. Research features recently completed research in medicine and the hard sciences, and Newsfeatures spotlights summaries of research in business and the social sciences.

This is an excellent report. Those kinds of increases are just truly wonderful. I would like to ask Dr. Hayes to also speak to another article that was in the newspaper this week, that I thought was outstanding.

Dr. Hayes:

You may have seen the article in the Dispatch today, on the Ohio Nuclear Waste Education Program that was just funded. This educational program is bringing together our nuclear engineering faculty, Cooperative Extension and education people on the campus. It will allow the University to bring together the talent that we have and bring the facts of the matter, so that we can play the honest broker role, in making sure that the community has the information they need to discuss this very important public policy issue.

Ms. Casto:

That is great. Does anyone have any questions on the report?

### **REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS**

Resolution No. 92-105

Synopsis: Approval of the following reports on contracts, grants, and gifts and the summary for February 1992 is proposed.

WHEREAS monies are solicited and received on behalf of the University from governmental, industrial, other agencies, alumni, and various individuals in support of research, instructional activities, and service; and

April 3, 1992 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

WHEREAS such gifts and grants are received through The Ohio State University Research Foundation, the Engineering Experiment Station of The Ohio State University, and The Ohio State University Development Fund:

NOW THEREFORE

BE IT RESOLVED, That the research agreement between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the reports from the Engineering Experiment Station, and The Ohio State University Development Fund during the month of February 1992 be approved.

Upon motion of Ms. Casto, seconded by Mr. Shumate, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

Summary

FEBRUARY 1992

Source	7/1/90-2/28/91	7/1/91-2/29/92	February 1992
The Ohio State University Research Foundation	\$84,340,761.03	\$105,245,198.36	\$9,325,674.70
Engineering Experiment Station	\$ 4,754,630.00	\$ 4,093,915.00	\$ 60,832.00
OSU Foundation and Development Fund	\$34,294,222.00	\$ 34,636,299.00	\$4,332,387.00
The Ohio State University Development Fund			
Establishment of Named Funds			
The Fred D. Pfening, Jr. Library Enrichment Fund (Support library)			\$ 80,000.00
The Lena Bailey Dean's Fund (Support College of Human Ecology)			\$ 18,666.00
The Edith and Abraham Mendel Yiddish Library Endowment Fund (Purchase and process library material)			\$ 15,395.00
The Classics Fund (Fund the annual A. G. Woodhead prize, the John Vaughn Memorial Award and other departmental prizes)			\$ 15,000.00
The Robert A. and Dorothy M. Hodson Family 4-H Fund (Scholarships - Highland County)			\$ 15,000.00

April 3, 1992 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

Summary (contd)

The Ohio State University Development Fund (contd)

Establishment of Named Funds (contd)

The Talvi Endowment Fund

(Provide financial assistance to students in the  
Department of Slavic and East European Languages  
and Literatures)

\$ 15,000.00

The Women's Pharmacy Club Scholarship Fund  
(Scholarships)

\$ 15,000.00

Change in Description of Named Funds

The Dana J. Demorest Scholarship Fund

H. V. Glunz Scholarship Fund

The Nathaniel W. Lord Memorial Library Fund

Rudolph Speiser Fund in Metallurgical Engineering

The Joseph W. Spretnak Memorial Scholarship Fund

The Howard Patterson Zeller Scholarship Fund

April 3, 1992 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Description of Named Funds

The Fred D. Pfening, Jr. Library Enrichment Fund

The Fred D. Pfening, Jr. Library Enrichment Fund was established April 3, 1992, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from Fred D. Pfening, Jr. of Columbus, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used for purposes such as the purchase of books, journals, and other library materials; for needed supplies and equipment; for personnel resources; for resources, activities, and fees related to preservation of library materials; or for other purposes deemed beneficial by the director of University Libraries. Unused income shall annually revert to the principal balance of the fund.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

The Lena Bailey Dean's Fund

The Lena Bailey Dean's Fund was established April 3, 1992, by the Board of Trustees of The Ohio State University, with gifts to The Ohio University Development Fund from friends and colleagues of Dr. Lena Bailey (Ph.D., Education, 1969).

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used for priorities in the College of Human Ecology under the direction of the Dean of the College of Human Ecology, with annual review by the department chairpersons.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donors.

April 3, 1992 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Description of Named Funds (contd)

The Edith and Abraham Mendel  
Yiddish Library Endowment Fund

The Edith and Abraham Mendel Yiddish Library Endowment Fund was established April 3, 1992, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from Dr. Isadore Mendel (B.A., Biological Sciences, 1953; M.D., 1957) of Youngstown, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used for purchasing and processing library materials related to Yiddish literature to be chosen at the discretion of the director of University Libraries. Unused income shall annually revert to the principal balance of the fund.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

The Classics Fund

The Classics Fund was established April 3, 1992, by the Board of Trustees of The Ohio State University, with a transfer of funds from the Classics Support Fund.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used by the chairperson of the Department of Classics to fund the annual A. G. Woodhead prize, the John Vaughn Memorial Award(s) and other departmental prizes and awards. Additional income over and above that required to fulfill the purposes stated above may be used by the department chairperson at his or her discretion in furthering the Department of Classics' goals and mission.

It is the desire of the department chairperson that this fund should benefit the University in perpetuity. If the need for this fund shall cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out this desire.

April 3, 1992 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Description of Named Funds (contd)

The Robert A. and Dorothy M. Hodson  
Family 4-h Endowment Fund

The Robert A. and Dorothy M. Hodson Family 4-H Endowment Fund was established April 3, 1992, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from Robert A. Hodson (B.S.Agr. '51) and Dorothy M. Hodson of Hillsboro, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide one or more college scholarships for 4-H members, either current or alumni, of Highland County, Ohio. The beneficiaries and the number of scholarships are to be determined by a committee of, or approved by, The Highland County 4-H Advisory Committee in cooperation with the University Committee on Student Financial Aid. The scholarships may be awarded to undergraduate or graduate students of any college or university, with preference to those in the College of Agriculture at The Ohio State University.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donors.

The Talvi Endowment Fund

The Talvi Endowment Fund was established April 3, 1992, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from Professor David Robinson of the Department of Slavic and East European Languages and Literatures.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide financial assistance to undergraduate and graduate students in the Department of Slavic and East European Languages and Literatures in the form of annual awards for research, service and teaching activities. The selection process shall be determined by the chairperson of the Department of Slavic and East European Languages and Literatures. If there is an excess of annual income beyond that used for the purpose stated above, such funds may be retained for use in following years or may be used to benefit the Department of Slavic and East European Languages and Literatures at the discretion of the department chairperson.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund shall cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

April 3, 1992 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Description of Named Funds (contd)

The Women's Pharmacy Club Scholarship Fund

The Women's Pharmacy Club Scholarship Fund was established April 3, 1992, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from the Women's Pharmacy Club of Columbus, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide one or more scholarships to women pharmacy students who are citizens of the United States and who have no less than a 2.3 cumulative grade point average. The selection of the award recipient(s) shall be made by the appropriate College of Pharmacy faculty committee in consultation with the University Committee on Student Financial Aid.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the dean of the College of Pharmacy in order to carry out the desire of the donor.

Change in Description of Named Funds

The Dana J. Demorest Scholarship Fund

The Dana J. Demorest Scholarship Fund was established May 17, 1954, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from "Metalumni" in honor of Professor Dana J. Demorest. The description was revised April 3, 1992.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used for scholarships and awarded to students in metallurgical engineering and materials science and engineering. Award recipients shall be selected by the University Committee on Student Financial Aid upon the recommendation of the chairperson of the Department of Materials Science and Engineering.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donors.

April 3, 1992 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Change in Description of Named Funds (contd)

The H. V. Glunz Scholarship Fund

The H. V. Glunz Scholarship Fund was established February 1, 1974, by the Board of Trustees of The Ohio State University, with a gift to The Ohio State University Development Fund from the late Herman Van Moss Glunz, with the Class of 1912, formerly of Norristown, Pennsylvania. The description was revised April 3, 1992.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide one or more scholarships for undergraduate and/or fellowships for graduate students who have demonstrated academic ability and need for financial assistance. The selection of the recipient is to be made upon the recommendation of the College of Engineering Scholarship Committee in consultation with the University Committee on Student Financial Aid. Preference shall be given to students in the College of Engineering studying materials science and engineering with special emphasis on the mineral industries.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

The Nathaniel W. Lord Memorial Library Fund

The Nathaniel W. Lord Memorial Library Fund was established March 6, 1939, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from various individuals. The description was revised April 3, 1992.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used for the purchase of books for the Department of Materials Science and Engineering.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donors.

April 3, 1992 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Change in Description of Named Funds (contd)

The Rudolph Speiser Fund in Metallurgical Engineering

The Rudolph Speiser Fund in Metallurgical Engineering was established May 4, 1984, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from alumni, friends, and colleagues of Rudolph Speiser (B.A., Arts and Sciences, 1938; M.A., Chemistry, 1940) of Estes Park, Colorado. The description was revised April 3, 1992.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used in support of the academic and research programs of metallurgical engineering and materials science and engineering. The chairperson of the Department of Materials Science and Engineering shall have authority to authorize expenditures from the fund as approved by the dean of the College of Engineering.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donors.

The Joseph W. Spretnak Memorial Scholarship Fund

The Joseph W. Spretnak Memorial Scholarship Fund was established September 8, 1978, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from family, friends and colleagues of Joseph W. Spretnak (B.S.Met.E. '38), Professor of Metallurgical Engineering, late of Columbus, Ohio. The description was revised April 3, 1992.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide scholarship assistance to undergraduate students enrolled in metallurgical engineering and materials science and engineering. The award recipients shall be selected by the University Committee on Student Financial Aid upon the recommendation of the Scholarship Committee of the Department of Materials Science and Engineering.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donors.

April 3, 1992 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Change in Description of Named Funds (contd)

The Howard Patterson Zeller Scholarship Fund

The Howard Patterson Zeller Scholarship Fund was established December 31, 1948, by the Board of Trustees of The Ohio State University, with a gift to The Ohio State University Development Fund from Hazel Zeller Nesbitt, Hugh E. Nesbitt, Helen Zeller Gardiner, Harold M. Gardiner, Max J. Zeller, Mary Alice Davis Zeller, Shirley Nesbitt Westwater and William K. Westwater in memory of Howard Patterson Zeller (Mining Engineering, 1906). The description was revised April 3, 1992.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used for scholarships and awarded to students majoring in mining, metallurgical and materials engineering. Award recipients shall be selected by the University Committee on Student Financial Aid upon the recommendation of the chairperson of the Department of Materials Science and Engineering.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donors.

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**HOSPITALS BOARD REPORT**

Mr. Barone:

The Hospitals Board's Strategic Planning Committee met on Thursday, March 19, for a planning process update.

The Committee reviewed suggested strategic long-range planning and intermediate goals for Financial and Centers of Emphasis strategies. Special attention focused on the Neuroscience strategic planning process. Mr. Fraley presented a status report on the first six months of the Hospitals' operating plan for this fiscal year.

Dr. Kathryn Clausen reported on the activities of the College of Medicine's Strategic Planning Committee.

Lastly, the Committee viewed examples of a signage program proposed to identify the location of University Hospitals to travelers on Route 315. Other parts of the program would direct visitors to parking spaces and specific healthcare services, help pedestrians locate specific medical center buildings, and provide internal directional signage within the buildings.

April 3, 1992 meeting, Board of Trustees

### **HOSPITALS BOARD REPORT (contd)**

Mr. Barone: (contd)

This completes my report, Mr. Chairman. I think everyone knows that Route 315 will be coming right into the Hospitals area and will be a tremendous help to the Cancer Hospital, University Hospitals, and Psychiatric Hospital, which will be breaking ground sometime this month.

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### **AGRICULTURAL AFFAIRS COMMITTEE REPORT**

Mr. Celeste:

The Agricultural Affairs Committee of The Ohio State University Board of Trustees met at Wooster, Ohio, on March 18, 1992. They met informally with members of the Wooster Area Chamber of Commerce and the discussion included current status of budget cuts, projected budget cuts, and their impact on agriculture in Ohio and, particularly, on the College of Agriculture. Capital Improvement projects were also discussed at some length.

After an informal lunch, the Committee toured the Agricultural Technical Institute and we also toured various areas of the OARDC campus, including composting/biomass research, poultry genetics, greenhouse production and control. A visit was also made to the Northeast District Office of the Ohio Cooperative Extension Service, which is located at OARDC. We are planning a similar visit this month to Piketon.

That concludes my report.

Mr. Teaford:

Thank you, Mr. Celeste. I would just like to point out to everybody that the composting experiment and research that we saw has already had a direct impact, I believe, in the Akron area. All of that research is done in a milk shed at the back of a farm, in a space not much larger than this table. And it is some of the leading research in the United States in composting. So, less anyone think that our researchers have laps that are covered with silk, I would only urge you to go see that milk shed.

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### **ACADEMIC AFFAIRS COMMITTEE REPORT**

Ms. Casto:

Today we heard a report on Merit Scholar Recruitment. Considerable efforts continue to be exerted in recruiting high-ability students to attend The Ohio State University. Such efforts, involving close cooperation between a number of university offices, have been coordinated and directed by the Undergraduate Recruitment Implementation Steering Committee (URISC) chaired by Dr. Robert Arkin.

April 3, 1992 meeting, Board of Trustees

**ACADEMIC AFFAIRS COMMITTEE REPORT (contd)**

Ms. Casto: (contd)

Merit based scholarships and outstanding academic programs are the two most critical factors in attracting high ability students. For the incoming class of 1992, such scholarships will include Distinguished and Discovery Scholarships for National Merit and National Achievement Finalists, Ten Presidential Scholarships, Forty Medalist Scholarships, and University Scholarships awarded to students in the top 3 percent of their high school class who are honors eligible.

In 1991, 109 National Merit/National Achievement Finalists enrolled at Ohio State. We project that approximately the same number of National Merit/National Achievement Finalists will enroll as freshmen in 1992.

This year 682 students were awarded University Scholarships and invited to the on campus Presidential/Medalist Scholarship Competition held in March. Four hundred and ninety-seven students competed, which is an increase of 65 from the number last year. We project that 380 University Scholars will enroll in this year's entering class. These numbers include the Presidential and Medalist Scholars.

These high-ability students have a significant impact on the profile of the undergraduate class. It is expected that they will also serve to attract additional excellent students to the university. The expected academic success of such students will be reflected in improved retention and graduation rates. It is a success story that should be told over and over.

Mr. Teaford:

It is, I might add, to put that number of 109 merit scholars in perspective, Ohio State ranks ninth in the nation in the number of National Merit Scholars in its freshman class. And that is a direct result of this Presidential Scholars Program that Ms. Casto has talked about.

Ms. Casto:

We are also recommending the following resolutions:

**REVOCATION OF DEGREE**

Resolution No. 92-106

Synopsis: The Academic Affairs Committee recommended the revocation of a Master of Science degree.

WHEREAS a Committee of Investigation appointed by the Dean of the Graduate School to review charges of scholarly misconduct recommended the revocation of the Master of Science Degree of Vinod Kumar; and

WHEREAS the Committee of Investigation further recommended that Vinod Kumar be separated from The Ohio State University for a minimum period of one quarter, effective with the Spring Quarter of 1992; and

April 3, 1992 meeting, Board of Trustees

**REVOCAION OF DEGREE (contd)**

WHEREAS the Committee of Investigation further recommended that Vinod Kumar not be allowed to hold employment in a research or technical capacity at The Ohio State University during the period of such suspension; and

WHEREAS these recommendations were concurred with by the Dean of the Graduate School; and

WHEREAS the appropriate bodies and administrative officers of the University have fully complied with the "Guidelines for Review of Allegations of Scholarly Misconduct by Graduate Students" and in accordance with those procedures, have recommended that the Master of Science degree of Vinod Kumar be revoked:

NOW THEREFORE

BE IT RESOLVED, That the Master of Science degree of Vinod Kumar, granted December 7, 1990, pursuant to paragraph (E) of rule 3335-1-06 of the Administrative Code, is hereby revoked effective this third day of April, 1992, and shall no longer be of force and effect; and further that the proposed sanctions of the Committee of Investigation relating to separation from The Ohio State University and employment at the University be fully implemented.

Upon motion of Ms. Casto, seconded by Mr. Celeste, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**DISTINGUISHED SERVICE AWARDS**

Resolution No. 92-107

Synopsis: The Academic Affairs recommended the awarding of Distinguished Service Awards to four individuals.

WHEREAS the President's Executive Committee, serving as a Committee on Distinguished Service Awards, has nominated and recommended four individuals for approval by the Board of Trustees to receive the Distinguished Service Award at a time convenient to the University and the recipients:

Lena Bailey  
Thomas E. Cavendish  
Leonard J. Immke, Jr.  
Shirley Brooks Jones

and

WHEREAS these awards are given in recognition of distinguished service to The Ohio State University and the awards are in accordance with action taken by the Board of Trustees in 1952:

NOW THEREFORE

April 3, 1992 meeting, Board of Trustees

**DISTINGUISHED SERVICE AWARDS (contd)**

BE IT RESOLVED, That the Distinguished Service Awards be approved for awarding as designated above.

Upon motion of Ms. Casto, seconded by Mr. Colley, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**PERSONNEL ACTIONS**

Resolution No. 92-108

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the March 7, 1992 meeting of the Board, including the following Concurrent Appointment, Appointment of Chairperson and Directors, Reappointment of Director, Leaves of Absence Without Salary, Professional Improvement Leave, Professional Improvement Leave--Cancellation, Medical Staff Appointment (The Arthur G. James Cancer Hospital and Research Institute), and Emeritus Titles, as detailed in the University Budget be approved.

Concurrent Appointment

Name: GARY L. FLOYD  
Title: Coordinating Dean for Arts and Sciences  
Office: Academic Affairs  
Effective Period: \$108,688.00  
Present Assignment: Dean, College of Biological Sciences (No Change)

Appointment of Chairperson and Directors

March 1, 1992 through June 30, 1992

Agricultural Technical Institute

Lawrence H. Newcomb\*

July 1, 1992 through June 30, 1996

School of Music  
Theatre

Donald Gibson  
Kathleen F. Conlin

Reappointment of Director

January 1, 1992 through June 30, 1996

School of Public Policy and Management

Astrid E. Merget

\*Acting

Leaves of Absence Without Salary

MARY JO BOLE, Assistant Professor, Department of Art, effective Spring Quarter 1992, to do a residency at the Waikato Polytech in Hamilton, New Zealand.

April 3, 1992 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

Leaves of Absence Without Salary (contd)

CRAIGE ROBERTS, Assistant Professor, Department of Linguistics, effective Spring Quarter 1992, to work on a research project at the University of Amsterdame, Department of Philosophy.

JOY A. SCIME, Instructor, Department of History, effective February 17, 1992, through March 29, 1992, for personal reasons.

Professional Improvement Leave

GRAHAM R. WALDEN, Assistant Professor, University Libraries, effective March 23, 1992, through June 22, 1992.

Professional Improvement Leave--Cancellation

KENT S. KNAEBEL, Associate Professor, Department of Chemical Engineering, effective Autumn Quarter 1991 and Winter Quarter 1992.

Medical Staff Appointment (The Arthur G. James Cancer Hospital and Research Institute)

July 1, 1991 through June 30, 1993

WALTER B. HULL, Clinical Attending Staff, Obstetrics and Gynecology

Emeritus Titles

FREDERICK E. HUTCHINSON, Office of Academic Affairs -- Administration and Department of Agronomy, with the title Senior Vice President and Provost, and Professor Emeritus, effective April 1, 1992.

DONALD P. ANDERSON, College of Education -- Administration, with the title Dean and Professor Emeritus, effective March 1, 1992.

IVAN I. MUELLER, Department of Geodetic Science and Surveying, with the title Chairperson and Professor Emeritus, effective March 1, 1992.

DAVID H. BOYNE, Office of Academic Affairs -- Administration and Department of Agricultural Economics and Rural Sociology, with the title Professor and Associate Provost Emeritus, effective March 1, 1992.

CHARLES E. CORBATO, Office of Academic Affairs -- Administration and Department of Geological Sciences, with the title Professor and Associate Provost Emeritus, effective March 1, 1992.

HOWARD L. GAUTHIER, Office of Academic Affairs -- Administration and Department of Geography, with the title Professor and Associate Provost Emeritus, effective March 1, 1992.

TREVOR G. ARSCOTT, Department of Agronomy, with the title Professor Emeritus, effective March 1, 1992.

April 3, 1992 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

Emeritus Titles (contd)

BERNARD U. BOWMAN, Department of Medical Microbiology and Immunology, with the title of Professor Emeritus, effective January 1, 1992.

EUGENE R. CAPRIOTTI, Department of Astronomy, with the title Professor Emeritus, effective March 1, 1992.

STUART A. COLLINS, JR., Department of Electrical Engineering, with the title Professor Emeritus, effective March 1, 1992.

DONALD R. CRUICKSHANK, Department of Educational Theory and Practice, with the title Professor Emeritus, effective March 1, 1992.

DEREK HORTON, Department of Chemistry, with the title Professor Emeritus, effective March 1, 1992.

AARON J. MILLER, Department of Educational Studies: Humanities, Science, Technological, and Vocational, with the title Professor Emeritus, effective January 1, 1992.

RICHARD H. RAPP, Department of Geodetic Science and Surveying, with the title Professor Emeritus, effective March 1, 1992.

GISELA M. VITT, Department of German, with the title Professor Emeritus, effective March 1, 1992.

WILLIAM W. WAYSON, Department of Educational Policy and Leadership, with the title Professor Emeritus, effective March 1, 1992.

JAMES R. C. LEITZEL, Department of Mathematics, with the title Associate Professor Emeritus, effective March 1, 1992.

ANTHONY E. PETRARCA, Department of Computer and Information Science, with the title Associate Professor Emeritus, effective March 1, 1992.

RUSSELL O. UTGARD, Department of Geological Sciences, with the title Associate Professor Emeritus, effective March 1, 1992.

CAROL A. WINCHELL, University Libraries, with the title Associate Professor Emeritus, effective March 1, 1992.

JEROME G. DARE, Department of Radiology, with the title Assistant Professor Emeritus, effective March 1, 1992.

MERLIN A. WENTWORTH, Cooperative Extension Service, with the title Assistant Professor Emeritus, effective March 1, 1992.

JOHN C. CLEAVER, Department of Animal Science, with the title Instructor Emeritus, effective March 1, 1992.

April 3, 1992 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

Emeritus Titles (contd)

A. EARL MCGAHA, Department of Agronomy, with the title Instructor Emeritus, effective March 1, 1992.

Upon motion of Ms. Casto, seconded by Mr. Celeste, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**RESOLUTIONS IN MEMORIAM**

Resolution No. 92-109

Synopsis: The Academic Affairs Committee recommended the approval of the following Resolutions in Memoriam.

RESOLVED, That the Board adopt the following Resolutions in Memoriam and that the President be requested to convey a copy to the families of the deceased.

Henry E. Wilson

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on February 21, 1992, of Henry E. Wilson, M.D., Professor Emeritus in the Department of Internal Medicine.

Henry E. Wilson was born on August 24, 1910, in Marshalltown, Iowa. He attended the University of Illinois and graduated in 1932 with the A.B. degree. He attended McGill University and received his M.D. degree in 1937. Following medical school, Dr. Wilson completed a one-year internship in 1939 at the Presbyterian Hospital in Chicago. He attended a number of prestigious institutions to complete his specialty residency training. Among these were a one-year program at the Mallory Institute of Pathology at Boston City Hospital, followed by a year of residency training at the New Haven Hospital and another year as a resident in medicine at the University Hospitals in Columbus, Ohio. During the 1942-43 academic year, Dr. Wilson was honored by his colleagues and faculty in the Department by being named Chief Medical Resident for that year. Serving in this capacity is considered the highest honor for a resident in medicine. Dr. Wilson attended courses through the Army Medical School and the Oak Ridge Institute of Nuclear Studies to refine his scientific skills further after residency training.

In 1941 Dr. Wilson was appointed to the faculty in the Department of Medicine with the rank of Assistant Professor. He was later promoted to Associate Professor and in 1946 accepted a position as Associate Professor of Medicine at Northwestern University Medical School. He remained at that institution until 1954, when he returned to Ohio State.

In his capacity as a faculty member in the Department of Medicine at Ohio State, Dr. Wilson also served as Vice Chairman of the Department from 1954 until 1960, and as Acting Chairman of the Department from 1960 until 1961. He was promoted to Professor of Medicine in July 1955 and retired from the faculty with the rank of Professor Emeritus in 1981.

April 3, 1992 meeting, Board of Trustees

### **RESOLUTIONS IN MEMORIAM (contd)**

Henry E. Wilson (contd)

Dr. Wilson held memberships in a number of national medical societies, including the medical honorary society AOA, the American College of Physicians, American Association for Cancer Research, American Society of Clinical Oncology, American Federation for Clinical Research, the American Medical Association, and many others. He was an active and respected member of these organizations, to which he devoted years of loyal service and effort. Further, he was active in the community, serving on the Board of Directors, Executive Committee and Blood Services Committee of the American Red Cross. He also served on the Board of Trustees of the First Congregational Church in Columbus, Ohio.

Throughout his career, Dr. Wilson was known as a compassionate physician and an outstanding teacher. He remained very active on the faculty of the Department of Internal Medicine following his retirement in 1981, continuing to see cancer patients in the University Hospitals as well as developing a practice at the local VA Outpatient Facility. Dr. Wilson was a tireless and devoted physician whose many contributions to The Ohio State University Medical Center will be missed by all those who knew him.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in their loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Wilbur B. Wood

The Board of Trustees of the Ohio State University expresses its sorrow upon the death on March 4, 1992 of Wilbur B. Wood, Professor Emeritus in the Cooperative Extension Service.

Mr. Wood was born November 19, 1905, in Miami County, Ohio. He completed his B.S. in Agriculture in 1927, and the M.S. in agriculture in 1936 at The Ohio State University.

Mr. Wood began his Extension career in Ohio when he joined the faculty of The Ohio State University in 1944 as a County Agricultural Agent in Madison County. He left this position in September of 1947 to accept the position of Junior Dean in the College of Agriculture. He held this position until February 1953 when he was named Acting Director of the Ohio Cooperative Extension Service. He became Director in 1954 and continued in that position until 1963. He then served at the Punjab Agricultural University, Ludhiana, India, until 1968. He retired from the Ohio Cooperative Extension Service in 1968.

In 1970, Mr. Wood was presented the "Centennial Award" from the College of Agriculture and Home Economics on The Ohio State University's 100th Anniversary.

Mr. Wood's contributions in providing excellent Extension educational programs during his career earned him the respect and admiration of his co-workers.

April 3, 1992 meeting, Board of Trustees

### **RESOLUTIONS IN MEMORIAM (contd)**

Wilbur B. Wood (contd)

On behalf of the University community, the Board of Trustees expresses to the family its deep sympathy and understanding in this loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Upon motion of Ms. Casto, seconded by Mr. Celeste, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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### **STUDENT AFFAIRS COMMITTEE REPORT**

Mr. Tonnies:

This morning we heard a report from Dr. Mary Daniels and Mr. Larry Lewellen regarding the Student Health Insurance Plan for 1992-93. The Student Affairs Committee unanimously recommended the approval of the renewal of the Student Health Insurance Program with Central Benefits Mutual Insurance Company.

The proposed quarterly rates for a student is \$139.00 and that is up from \$116.00; student and spouse is \$340.00, up from \$285.00; student and children is \$430.00, up from \$366.00; and student, spouse and children is \$625.00, up from \$537.00. This is only a small increase when compared to the increased benefits, which this new package has. The Committee's objectives and goals are included in their Executive Summary which all of the Trustees have previously received.

### **STUDENT HEALTH INSURANCE**

Resolution No. 92-110

Synopsis: The Student Affairs Committee recommended the approval of the renewal of the Student Health Insurance Program with Central Benefits Mutual Insurance Company.

WHEREAS on May 4, 1989, this Board awarded the insurance contract to Central Benefits Mutual Insurance Company following a competitive bid process, effective Autumn Quarter 1989 for an initial two (2) year term, subject to renewal thereafter; and

WHEREAS the University now has the opportunity to competitively bid the program or to seek renewal of the program with the current carrier; and

WHEREAS the current carrier, Central Benefits Mutual Insurance Company, has offered renewal rates that are very competitive in the insurance market and appropriate to our history of claims experience; and

WHEREAS the Student Health Insurance Committee obtained the assistance and expertise of Stephen L. Beckley & Associates, a nationally recognized student insurance consulting firm, and also obtained selected actuarial review/consulting services from William M. Mercer, Inc., an international benefits and actuarial consulting firm; and

**STUDENT HEALTH INSURANCE (contd)**

WHEREAS after consideration of the desires and concerns of the students who purchase the insurance, the Student Health Insurance Committee of the Council on Student Affairs has recommended -- and the full Council has ratified that recommendation -- that the current contract be renewed at the specific rates to provide the existing benefits plus numerous benefit improvements and cost containment measures as illustrated by the following examples:

(a) Revising/expanding the Capitation coverage (self-funded services of the Student Health Service) from \$150 per illness to \$1000 blanket per year, with a reduction in coverage exclusions and time limits, and an increase in funded services;

(b) Changing the inpatient surgical and hospital facility coverages from insufficient scheduled benefits to a comprehensive major medical coverage (see (c) below) and implementing pre-certification review of inpatient admissions;

(c) Improving the major medical coverage from a per-sickness coverage with a 48 month time limit and a \$100,000 maximum, to an annual deductible with no time limits and a \$200,000 maximum;

(d) Adding MedOhio, the urgent care facilities of the University Hospitals, as a network preferred provider for evening and weekend urgent care.

(e) Placing limits on services such as outpatient mental health treatment and outpatient physical therapy, that are appropriate in the insurance industry;

(f) Adding selected benefits such as repatriation and preventive medical services to all insured students; and improving other selected benefits such as emergency medical transportation (from \$25 per occurrence to \$1000 per year);

(g) Removing selected coverage exclusion including suicide, acts of war while traveling abroad, and flying in non-commercial aircraft; and

WHEREAS this program will be available on an optional basis to all registered students for the following proposed Quarterly Premium Rates:

Classification	Expiring Quarterly Rates 1991-92	Proposed Quarterly Rates 1992-93
Student	\$116	\$139
Student & Spouse	\$285	\$340
Student & Children	\$366	\$430
Student, Spouse & Children	\$537	\$625

Appropriate rates have also been derived for students on a semester system, and for periods of continuing coverage while not registered as a student.

NOW THEREFORE

April 3, 1992 meeting, Board of Trustees

### **STUDENT HEALTH INSURANCE (contd)**

BE IT RESOLVED, That Central Benefits Mutual Insurance Company be approved for renewal of the Student Health Insurance Contract effective the first day of classes, Autumn Quarter 1992, for a period of one (1) academic year. The contract will provide the benefits now available under the terms of the current contract as well as the benefit changes contained in the report of the Student Health Insurance Committee.

Upon motion of Mr. Celeste, seconded by Mr. Shumate, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

Mr. Tonnies:

We also had a presentation this morning from some of the Mansfield student leaders, along with Mr. Hank Thomas, who is coordinator of admissions at Mansfield. The students alluded to the positive and negatives at being at a "branch campus." For the most part, these students enjoy the educational opportunities offered at Mansfield and hope that they are increased in the future. They called for better communications with the main campus and for continued financial support.

I would like to remind the Trustees that approximately one-third of all of Ohio State's freshmen are at regional campuses, highlighting the important role regional campuses play as part of The Ohio State University. And I would like to thank those students that were here this morning for their time. If there are no questions, this completes my report.

Mr. Teaford:

I just wanted to add my appreciation for having a chance to speak with those students this morning. I can't tell you how important it is for the Trustees to be able to do that. I might add that at the conclusion of that meeting, I received a petition from three women who are so called "non-traditional students." They urge us to attempt to have more higher level and degree programs here at Mansfield, because of the problems that non-traditional students have. I will point out to you that this Board, probably as much as any, has great empathy with non-traditional students as three of us are married to non-traditional students, all of whom have small children at home. So, we do understand that need. As I said to the women, "the budget is the problem right now." But I think that is an important concern that they raised.

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### **FISCAL AFFAIRS COMMITTEE REPORT**

Mr. Teaford:

I will now call on Mr. Nichols to present the Internal Audit Report.

Mr. Nichols:

For many years starting approximately ten years ago, the Board of Trustees has had an annual presentation from external auditing firms with regards to external audits of the University. For a number of years beyond that ten year period of time, there has been an internal auditing department that had a relatively narrow focus over time.

### **FISCAL AFFAIRS COMMITTEE REPORT (contd)**

Mr. Nichols: (contd)

Based on discussions that occurred with the then Chairman of the Fiscal Affairs Committee, Mr. Kessler, we had some long discussions -- the use of internal audit to improve internal controls and to enhance and compliment the external audit function. That has occurred over the last two years in an involvement of changed procedures and changed direction. It has involved changing the organizational structure of internal auditing, as well as looking at it from a comprehensive point of view with regards, for example, to increased computerization on the campus and the need to look at that type of audit.

I also would point out that we have developed an excellent group of professionals and internal auditors. Many of them have come from external audit firms, are CPA's, and do have, as an internal audit group, varied responsibilities. Mr. Mark Hilligoss, who is the Director of Internal Auditing, reports to Business Administration, and will be giving you a short slide presentation on the internal audit function. I think you'll be impressed with the comprehensive nature of the changes that have occurred recently.

### **INTERNAL AUDIT REPORT**

Mr. Mark Hilligoss:

Good morning. Mr. Chairman, members of the Committee, thank you for the opportunity this morning to meet with you to discuss the functions of the Department of Internal Audit. My presentation this morning will essentially parallel the green books you have in front of you. The green books do have quit a bit more detail, so I plan on going through the slides rather quickly.

Our objective is to provide an independent appraisal function and a service to management by furnishing them with analysis, recommendations, counsel, and information concerning the activities we review. We perform the following primary functions: we examine financial transactions for accuracy and integrity; we evaluate financial and operational procedures for adequate internal controls; we evaluate and monitor systems of internal controls for the universities centralized and decentralized computing facilities to insure that adequate security and controls related to hardware, software, data, and operating personnel; we make a determination of compliance with policies, procedures, and laws; we perform operational reviews for cost effectiveness and cost-efficiency evaluations; we also perform investigations when needed; and we act as liaison with our external auditors.

Two years ago, the department embarked upon a plan to determine what should be audited at the University. We developed a quantitative approach to determine what kinds of risk existed in each department and then we associated values with those risk factors. This risk analysis methodology is based on these weighted average values and twenty risk factors. The factors are listed along with their associated weights on page 2 of your booklet. Sample values are listed for department X, for instance, to give you an idea of how the system works for each given audit entity or department. The higher the weighted average value of these items means the higher the relative risk. Therefore, we select those entities with the higher relative risk for audit.

## **INTERNAL AUDIT REPORT (contd)**

Mr. Hilligoss: (contd)

At The Ohio State University we have approximately 440 such audit entities and we update the data base periodically. This becomes the core basis of our annual audit plan. We take those items that are at the top of the list with the highest values, but we also reserve approximately 30 percent of our time for unplanned audits. For instance, for investigations that cannot wait until the next year's audit plan.

There are five major types of audits we perform. One is our basic comprehensive management audit. It reviews primarily the administrative controls of a department, revenue, expenses, equipment, payroll, leave timekeeping, and computer controls.

Our next type of audit is the EDP, electronic data processing audit. This is where we review the controls over an operating system, application system, or general controls of computing installation.

We're involved with audits at University Hospitals. In January of this year, we hired a Hospitals senior auditor to help us with those audits.

There are several reasons an investigative audit may be performed. It could be based on an audit tip or it could be a finding during an audit. The majority of fraudulent activities are not detected during a typical audit. We rely on management to be our eyes and ears. We work with University police to coordinate our efforts for each of these reviews.

An outgrowth of one of these audits was a program we have now, a fraud awareness program entitled "Fraud Detection and Prevention." It is used to assist management in identifying fraud exposures and symptoms to strengthen the detection and prevention of fraud. We also provide consultations -- a kind of non-threatening proactive type of review.

The next section is on Audit Methods. I think the key thing perhaps to remember here is that we have standard audit procedures which we use throughout an audit. The other program guides us through the conduct of an audit. We use internal control questionnaires to ask the auditee how things actually work in their departments and to help us identify control strengths and weaknesses. We develop flow charts to provide a graphic representation of the procedures of the department, also to help us identify control weaknesses and strengths. We use sampling to attempt to audit smarter not harder. We perform some testing of transactions for a given time period to ensure that the controls are working as intended. And we may also send confirmations to obtain an independent assessment or valuation of accounts.

The observations and recommendations that we issue in our audit reports are based on evidence. This evidence is formally organized into work papers which document all the work we do on a particular audit. In our work papers you will find support documentation for observations and recommendations, audit memos summarizing the information of our audit, narratives which describe in prose the procedures the department uses, and a conclusion or opinion on each work paper to document the work that has been performed.

April 3, 1992 meeting, Board of Trustees

### **INTERNAL AUDIT REPORT (contd)**

Mr. Hilligoss: (contd)

At the conclusion of our audit work, we prepare a written report for management. This report consists of an audit opinion, generally whether the controls are adequate or inadequate, and whether the department is in compliance with applicable guidelines. The report includes observation or a finding of a condition. It includes recommendations to strengthen internal controls or to correct a deficiency noted in the observation. In addition, we include management's response not only to provide equal time for management, but also to indicate concurrence.

The distribution of the audit report is addressed to the department head with copies to the dean and provost or vice president. In addition, all reports are copied to the Vice President for Business and Administration to whom the internal audit department reports.

To insure that we have a meeting of the minds with the auditing management, we have a closing meeting to go over the facts of the audit and the recommendations. Are they suitable? Are they reasonable? Are they practical? It's a very much a two-way dialogue so that we understand each other and how things work. Once we have management's response, we perform a follow-up two to three months after the audit and we also provide a semi-annual executive summary to you, the Board of Trustees.

I would now like to turn our attention to some of the more significant audit results we've had in the last two years. We performed an accounts receivable audit of the entire University in fiscal 1991. Major recommendations focused on the use of the Office of Accounts Receivable Collection Services, as all departments were encouraged to centralize their past due receivables through this department.

We are currently pursuing several investigative audits, coordinating our investigation efforts with University Police, and when necessary the Prosecutor's Office. In addition, we began a fraud education program as I mentioned, "Fraud Detection and Prevention," to raise the consciousness of the University community to the threat of white collar crimes.

We are currently in the process of a major review of the University's Accounts Payable system. We expect a draft report of this integrated EDP and management audit to be completed by the end of May. The review covers all facets of Accounts Payable and its satellite operations.

In January of this year, we completed a review of the University Budget Planning's process to segregate unallowable, unallocable, and unreasonable indirect costs, in the University's cost submission to the federal government. As a result of the review, we are confident that reasonable steps have been taken to detect and to remove unallowable costs.

As liaison with the University's external auditors, Coopers & Lybrand, we coordinated the audit to a successful early close. We hope to increase that time period by two months this coming year to have an opinion by September of 1992.

## INTERNAL AUDIT REPORT (contd)

Mr. Hilligoss: (contd)

You will find some statistics and charts on pages 9 through 12, which describe our audit performance. The first pie chart shows the breakdown of our planned and unplanned audits. You'll find that about 30 percent of our audits are unplanned. The second pie chart shows audit cancellations, along with the completed projects, and those audits in process. We also have a whole project management system which notes the time we spent on each audit and that's so we can track how well we are doing.

Turning now to our goals for the upcoming year, we plan to increase our emphasis in the EDP audit area due to the increased proliferation of micro-computers and other decentralized end-user computing. We also plan to modify our management audit approach, that is our major comprehensive audit, to essentially perform limited surveys of low risk areas coupled with in-depth testing and analysis of higher risk areas. It is our goal to also expand our educational services by continuing our fraud education program and increasing our involvement in the development of the Office of Financial Training workshops on administrative procedures and accounting issues.

We firmly believe that one of the best uses of audit time is to help educate employees up front, so that they have the appropriate knowledge of University procedures. Because we find that often it is not a question of wanting to do things right, it is more a question of what is right. And, of course, the coordination of the University's external audit and early close is another goal for 1993.

In 1991, each auditor on staff chose a field of specialization -- be it investigative, financial, data processing, compliance, health care, or operational auditing. The development of individuals in these fields of specialization began in fiscal 1992, and the goal in 1993 is to continue to develop individuals in their respective fields so that the department can be ready to meet the challenges and new technologies that lie ahead.

In the May-June time frame of this year, we will be planning our annual audit plan for 1993 using the auditors analysis approach to strike earlier. Our goal, of course, will be complete the annual audit plan and to carry over as few audits from fiscal '92 as possible.

My final topic this morning regards the audit cycle and audit coverage of our department. The audit cycle is defined as the number of years it takes to audit all entities once -- if you put them all in a long line and took them one after the other. As you will recall, we have approximately 440 audit entities. I might mention that one entity is the University Hospitals, so we have quite a bit of expansion to do on that topic, but most other entities are a given department or a college office.

The last eight years have yielded an average of 55 audits per year, which happens to work out to exactly an 8-year audit cycle. As far as coverage goes, we have about 1 auditor per 2,000 employees. The industry's rule of thumb would indicate about a 3 to 5 year audit cycle and 1 auditor per 1,000 employees based on a recent Coopers & Lybrand article. I will caution, however, that relying merely on the audit cycle or on the number of auditors per thousand employees is not always the best measurement of how well you're covering your risk areas. By using the audit risk analysis, as I

INTERNAL AUDIT REPORT (contd)

Mr. Hilligoss: (contd)

mentioned previously, we find that we can hit the higher risk areas with fewer auditors and therefore put the most resources where they will do the most good.

The final remaining pages in your booklet describe the organization of our department with its director, secretary, staff of nine, which includes two managers, followed by a short resume on each individual. I would like to mention that as far as certifications go, Mr. Nichols mentioned we had some CPA's. We have three Certified Public Accountants and one individual pursuing the CPA. We have two Certified Internal Auditors and two individuals pursuing certified internal audit certificates. We have three individuals who have EDP audit certifications, which is the Certified Information System Auditor, and we have one certified Fraud Examiner.

I sincerely thank you for your attention this morning and would be happy to answer any further questions.

Mr. Teaford:

Does anyone have any questions for Mr. Hilligoss?

Mr. Nichols:

Mr. Teaford, I might in closing mention that there was a discussion at the meeting of the external auditors this past year in which they did comment on the direct involvement and side-by-side involvement of internal auditing and the external audit process, and the professional capabilities that are in that particular office. Although as you can see, we have already had some discussions about Fiscal Year 1993 goals for internal auditing. There certainly are still some areas where we would like to improve. I believe that it is fair to say that probably in the process, with regards to both external and internal auditing, we are probably in a situation where we have a relatively seamless auditing procedure in terms of trying to catch the entire spectrum of audit situations. And I would be remiss, based on those past discussions that I mentioned over a two-year period, if I did not thank Mr. Kessler for some of his insights with regards to that comprehensive audit function.

Mr. Teaford:

Thank you. I would just add, Mr. Hilligoss, that I think it again demonstrates that indeed the University is lean and mean in terms of its employees. Because once again, we are doing a function with about half as many employees and that is because of the hard work in your area and we appreciate that. Thank you for your report.

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April 3, 1992 meeting, Board of Trustees

**EMPLOYMENT OF ARCHITECTS/ENGINEERS AND  
REQUEST FOR CONSTRUCTION BIDS**

Resolution No. 92-111

**KEPLER CLUBHOUSE MODIFICATIONS**

Synopsis: Authorization to employ architects/engineers and request construction bids for the Kepler Clubhouse Modifications is proposed.

WHEREAS the Kepler Clubhouse at the University Golf Courses does not comply with the newly enacted Americans with Disability Act of 1992 and the Department of Athletics desires to bring this facility into compliance; and

WHEREAS the facility modifications will include a new elevator that will provide access to everyone at three levels, new accessible restrooms for women, improvements to the existing men's restrooms to provide full access, and improvements to the current lobby, lounge, and women's locker room; and

WHEREAS the total estimated project cost is \$480,000.00, and the total estimated construction cost is \$400,000.00, with funding provided by the Department of Athletics:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Acting Vice President for Business and Administration be authorized to select qualified architectural/engineering firms as necessary for this project and that the fees for these services be negotiated between the firms selected and The Ohio State University; and

BE IT FURTHER RESOLVED, That the President and/or Acting Vice President for Business and Administration be authorized to request construction bids on this project in accordance with established University procedures, and if satisfactory bids are received, to award contracts, with all actions to be reported to this Board at the appropriate time.

Upon motion of Mr. Shumate, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**ABOLISHMENT OF THE MANDATORY RETIREMENT AGE**

Resolution No. 92-112

Synopsis: Approval of the abolishment of the mandatory retirement policy is proposed.

WHEREAS the United States Congress enacted the 1986 Amendments to the Age Discrimination in Employment Act (ADEA) which provisions prohibit the mandatory retirement of tenured Faculty in Colleges and Universities on January 1, 1994; and

April 3, 1992 meeting, Board of Trustees

**ABOLISHMENT OF THE MANDATORY RETIREMENT AGE (contd)**

WHEREAS the Board of Trustees adopted a policy on April 10, 1939, as amended on December 6, 1943, and July 13, 1962, providing that officers and employees of the University who are members of the State Teachers Retirement System and the Public Employees Retirement System must retire not later than the end of the contract year in which the officer or employee reaches age 70; and

WHEREAS the Faculty Compensation and Benefits Committee and the University Senate along with the President's Executive Committee have reviewed and recommended that the mandatory retirement policy for faculty be abolished prior to January 1, 1994:

NOW THEREFORE

BE IT RESOLVED, That upon recommendation by President Gee, the Board of Trustees hereby approves the abolishment of the mandatory retirement policy effective January 1, 1993.

Mr. Teaford:

I believe that Professor Maurer would like to address us with regard to this issue and I would ask you to be succinct.

Professor A. E. Wallace Maurer:

Thank you. I presume that you have read my letters and that is why you have asked me to be succinct. I believe I did not hear something near the beginning of your presentation on the legal position of the University with respect to the exemption that was granted to them in 1986. You used the word -- it wasn't obligatory, but it was something like that.

Ms. Tom:

The word was "mandatory."

Professor Maurer:

Did you suggest that universities legally were required not to grant mandatory retirement until 1994?

Ms. Tom:

Universities have to lift the mandatory retirement on January 1, 1994.

Professor Maurer:

All right. What is also in that act and amendment is that universities could, if they wished, waive that exemption. Indeed, by this time universities and colleges, public ones in nineteen of the States and in Puerto Rico, have already done so.

I got to thinking about this issue because, frankly, I have been affected by it. So I began to do research on it and provided the central administration with that research. In a nut shell, the problem is that there is a good deal of wide spread skepticism about the competence, perspective, and alertness of people as they age. Indeed, I don't share that skepticism. Instead, it has been my experience that the perspective

April 3, 1992 meeting, Board of Trustees

Professor Maurer: (contd)

and finesse of people as they grow wiser and older increases. I have seen some awesome accumulations of competence and capability.

I will mention just one on this campus, some of you have no doubt heard the pianist, Earl Wild. In his seventy-fifth year in New York at Carnegie he put on a birthday performance -- a program of challenge which I have never observed elsewhere at any time. The universal planetary response to that was, "The man is at the height of his powers," which, however, is where he has been all of his life.

Now to get specifically to the point here, the reason that exemption came into existence was that some universities in the country feared a return of a massive number of faculty at age 70, who would draw a pension and then renegotiate a salary, and would break the bank. And there are indeed some universities where this is the case. Yale has a 76 percent of its faculty remaining until age 70. Harvard has 77 percent of its faculty remaining until age 70. Chicago has 64 percent of its faculty remaining until age 70. And that is a frightening prospect financially, at any rate.

That is not the case as fundamental research done this past summer has shown. This is in a document which Congress is going to use in 1994, raising the question of "What shall we do when the exemption is lifted?" "Will universities be in trouble financially?" There is a document which surveyed over 300 universities -- 20 or 25 of them in-depth. There was a subsequent document from Princeton which likewise analyzed universities in detail, checking on retirement patterns as a result of lifting the exemption at some of these universities. What has been uniformly discovered is that there has been no change in the retirement patterns.

In universities like this one -- would you believe it -- which is a powerful research and teaching institution -- those terms I have welded in my mind -- the amount of faculty who remain on until age 70 is something like 1.6 percent. And most faculty retire in their early 60's.

So what it came down to here is -- the issue between some of us and the administration - - that there are in fact 5 people who are interested in staying on. And all 5 are financial idiots, because the retirement system here is a magnificent one -- one of the best in the country. The buy-out system is the means whereby one relieves the pressure at the top, if universities are fearful that aged professors are going to stay on and are blocking the entry of new ones. The studies that I have alluded to show that nothing of this sort happens. There is nothing to be feared of professors staying on.

Now the issue here is that five professors are interested in staying on. The central administration and its committee examined this, and I felt that the research pattern used was incorrect since the University of Chicago design was applied to this institution. Remember that the University of Chicago has 64 percent of its faculty staying on until age 70, this institution has around 1.0 percent.

President Gee looked over the studies from both sides and abolished the exemption. A magnificent act. I unconditionally support it and if the President ever falters on it, I will take him in hand.

April 3, 1992 meeting, Board of Trustees

Professor Maurer: (contd)

So the exemption is abolished. The effect upon the five of us -- and I feel uneasy now, because I sound very much like an axe grinder and a special pleader. I cannot avoid that situation; I am one of the five. What has happened in the disposition of this issue by the President -- which I have no reservation about whatsoever because I have watched him like a hawk -- I have talked with him and I know that he is taking it all very seriously. The result of the dating of the lifting of the exemption will allow two of the five to continue, and three of the five not to continue. And I have not been able quite to grasp why that disposition has occurred.

The President has just nodded affirmatively that he is ready to take care of this question. But before you take care of my implicit question, let me ask another one. As I said, I am unconditionally in favor of the abolition of the exemption. My question is why did you abolish it since we are so close to it anyhow?

President Gee:

Dr. Maurer, first of all, let me note that this was an issue that a number of us discussed at great length. Vice President Tom and I spent a great deal of time with the committee discussing it. The truth of the matter is this that the University was not required to lift the mandatory cap until the required time.

After consideration, we decided to ask to do so a year early, because of the fact that we had had this fairly lengthy discussion with the committee and we felt that would allow us some time to plan. The question with this particular year was one in which to do so at the late date that we had anticipated that would take place, would have adversely affected the hiring of new people that we had already hired. These are very tough financial times that we find ourselves in. We had already made commitments to hire some new people based upon the fact that the colleges or the departments had determined that those hires were based upon people retiring at that particular point. That in and of itself, I believe, is significant.

Secondly, I would note that by providing the ability to the departments to be able to hire people back, we have now said to them that no longer are you excluded from being a part of the University, as long as the departments want to make that decision. I would note to the Board that, I believe, in these types of decisions it is important for the department chairs and for the colleges to make the decision, not the University to make an arbitrary decision. The reason I say that is that they can better determine the needs of the departments than can the institution in an arbitrary fashion.

Very candidly for those reasons: 1) that with the serious financial repercussions at a time in which we were not able to look at that in any kind of stop gap measure; and 2) with the lifting of the mandatory rehiring limitation we now provide an opportunity for the University to rehire people on an "as needed basis" with appropriate kinds of response. We believe that does handle the matter. Unfortunately, with everything when there is a certain level of arbitrariness brought about by legal constraint, that arbitrariness does affect a few people and you happen to be one of those.

April 3, 1992 meeting, Board of Trustees

Mr. Teaford:

If there are no further questions from the Board, I will entertain a motion to approve the amendment.

Upon motion of Mr. Celeste, seconded by Ms. Casto, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

President Gee:

I would like to thank Professor Maurer for his discussion, we did appreciate that. Thank you for coming, Sir.

Professor Maurer:

Thank you for the opportunity.

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**REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO**

Resolution No. 92-113

RESOLVED, That the report on the University's Investment Portfolio, dated March 20, 1992, as submitted to the Fiscal Affairs Committee of the Board of Trustees, be received and filed with the official records of the Board.

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Thereupon the Board adjourned to meet Friday, May 1, 1992, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio.

Attest:

Madison H. Scott  
Secretary

Hamilton J. Teaford  
Chairman

THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND TWO HUNDRED AND EIGHTY-SECOND MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, May 1, 1992

The Board of Trustees met at its regular monthly meeting on Friday, May 1, 1992, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

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Minutes of the last meeting were approved.

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May 1, 1992 meeting, Board of Trustees

The Chairman, Mr. Teaford, called the meeting of the Board of Trustees to order on May 1, 1992, at 10:50 a.m. He requested the Secretary to call the roll.

Present: Hamilton J. Teaford, Chairman, John J. Barone, Deborah E. Casto, John W. Kessler, Milton A. Wolf, Leslie H. Wexner, Alex Shumate, Theodore S. Celeste, Michael F. Colley, David A. Tonnies, and Kristen Cusack.

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**ELECTION OF OFFICERS  
BOARD OF TRUSTEES**

Resolution No. 92-114

Mr. Scott read the Nominating Committee's report in which the following slate of officers were recommended:

WHEREAS pursuant to paragraph (B) of rule 3335-1-02 of the Administrative Code, the officers of the Board are to be elected at the May meeting to take office immediately following adjournment of the meeting (May 1, 1992) and shall hold their office through the May 1993 meeting:

NOW THEREFORE

BE IT RESOLVED, That the following slate of officers for 1992-93 be elected:

John J. Barone, Chairperson

Deborah E. Casto, Vice Chairperson

Madison H. Scott, Secretary

James L. Nichols, Treasurer

Upon motion of Mr. Celeste, seconded by Mr. Wexner, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

Mr. Teaford:

My congratulations to John and Debbie. John, I think you wanted to say something --

Mr. Barone:

I would like to tell the Board members that Mr. Scott will forward their committee assignments to them sometime next week.

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**PRESIDENT'S REPORT**

President Gee:

Good morning. Today, May 1, is an important day in the life of this university. On May 1, 1878, the state legislature changed the name of The Ohio Agricultural and

May 1, 1992 meeting, Board of Trustees

Mechanical College to The Ohio State University. No longer "Ohio A & M," we became Ohio State, and ever after would have a capital "T" "The" as part of our name.

It was in May 1870 that the Board of Trustees first met, and May Trustee meetings have proven interesting through the years. It was at a May meeting in 1916 that the Trustees authorized the purchase of an automobile for the use of President Thompson.

In May 1885, the Trustees authorized spending fifty dollars for equipping a gymnasium "for the young ladies." Of course, today, you could not buy a pair of Reeboks for that, as we all know! And at the May Trustees meeting in 1881, your esteemed predecessors decided that the electric light was not practical for the university at that time. Imagine how they would feel about FAX machines!

The Archives also report that it was in May 1918 that the faculty voted in favor of the four quarter plan of study. We are coming up on the 75th anniversary of the quarter calendar and I have just one word for that celebration: Semester!

As we begin the month, I want to note that on our campuses, spring is notable for the year-end recognitions and honors that are bestowed on students, faculty, and staff members. As you heard in this morning's committees, we are beginning Honors Week, when the class recognition societies and other groups will reward achievement.

This past month, we honored faculty with the Alumni Distinguished Teaching Award and the Distinguished Scholar Award. As you know, I arrived unannounced in the classrooms of the recipients and surprised them with the news of their honor. It was obvious, by the way, that the students were thrilled for them, or maybe the students were just glad that we interrupted their lecture!

Since their department chairs were in on the planning, in many cases, their colleagues joined us for the occasion. Rather than simply mailing a letter of announcement, these celebrations seemed a much more appropriate way to acknowledge the importance of teaching and research at this institution.

In April, we also presented the Ohio State Awards for public broadcasting excellence. These awards, given by WOSU stations, are the oldest awards in the field and are considered quite prestigious in the industry. The General Motors Volunteers Spirit Awards this week honored three students for outstanding service to the community and the campus.

We just completed Parent's Weekend and are in the midst of Greek Week. Tomorrow is the Medieval and Renaissance Festival.

"In Black and White: Dress from the 1920s to Today" opened at the Wexner Center and highlights Ohio State's Historic Costume and Textiles Collection.

Ohio State also is one of the sponsors of an exhibit at the Upper Arlington Municipal Building titled: "The Perpetrators." It is a Holocaust Remembrance of 43 works of art by Professor Emeritus Sid Chavetz.

As you can tell from these few highlights, spring is very busy on the campuses. And this year even more so as our faculty, staff, and students -- especially students -- have become involved in the state budget process. On April 15, rallies were held on our campuses in which voice was given to our concerns about state support for higher

May 1, 1992 meeting, Board of Trustees

education. Then, on April 22, Ohio State students joined with others from across the state, marching to the State House and sending a message about the importance of education.

I want to publicly say how helpful our student government leaders have been in this effort, as well as our student trustees. They have represented Ohio State as our students always do and so exceptionally well.

I know that today is the last meeting for Undergraduate Student Government president Matt Markling. And I want to publicly remark on Matt's effective and dedicated leadership not only on our campus, but also among the student leaders of the state. Let me also recognize John Hilbert who is the incoming president of USG. John, if you will stand and be recognized by everyone. I want to also note that I have visited bars with John.

I also want to note that Sophia Paige is completing her term as president of the Interprofessional Council. All of you, of course, have known Sophia as one of our Trustees. An exceptional, exceptional person who represented this university so well and is now going on for her residency in California. We will miss her very much.

We are fortunate to have strong student voices at a time when student voices are so very critical. The message of concern about the extent of possible reductions in state support for higher education has been carried forward in many ways this month. I have talked to every audience I can find -- and some I should not have! -- about the impact of the budget decisions ahead. From editorial boards around the state, to parents, our alumni, community groups in every way possible, we are working hard to reinforce the message of Ohio State's role in the future success of this state.

Vice President Shkurti's report on this subject reflects the importance of our efforts. In this forum today, I want to thank the hundreds of faculty members, staff members, students, alumni, parents, and friends of Ohio State who have joined us by raising their voices and communicating with the political leadership in this state.

And while saying "thank you," I want to especially express my appreciation to David Tonnies for his marvelous service to Ohio State. As most of us know, David's efforts on behalf of this university did not begin with his appointment to the Board, rather, they began the day he arrived. For eight years, from undergraduate freshman student to leaving our medical school, he has shown consistent commitment to quality and his willingness to serve. I would say he has had an enormous impact for the good of this university. It was not that long ago that soon-to-be Dr. Tonnies was one of our Outstanding Seniors. I am confident that there are many more recognitions ahead in the world for David Tonnies. And, David, to you, we all say a very great thank you.

As I participate in the many recognition events of the spring, I am impressed by the quality of work and continued spirit of our university. Because of that, I remain optimistic about our future.

And, Mr. Chairman, this is the last meeting at which I will be sitting beside you to give this report. Of course, I would rather be sitting beside you here than at basketball or football games, as you all know.

May 1, 1992 meeting, Board of Trustees

But let me note publicly what I noted last evening, and that is that Joel Teaford has been a remarkable beacon of commitment to this institution. Joel is a graduate of Wesleyan University, a graduate of Harvard Law School, and as a non-alumna of this university has shown absolute dedication to what we are, what we will be, and our desire to become that much better. In every way and in every place he has indicated that dedication. So today, I join all of your colleagues, Joel, in thanking you for the great service that you have rendered.

Mr. Chairman, that completes my report.

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### **RESEARCH FOUNDATION REPORT**

Ms. Casto:

I am pleased to report that the increase in research funding received by The Ohio State University Research Foundation continues to show real growth. At tab 1 you will see that the award level for the period, July through March, is 27.78 percent above the same period last year. Through the first three quarters of this fiscal year, we have received 87.1 percent of the total funding received during last fiscal year, 1991. The number of awards received for the current period has increased from 1,023 to 1,140.

At tab 2 you will find expenditure summaries. It is noteworthy that the expenditures for all sponsor categories, except other non-federal, are running ahead of the same period last year by about 9 percent.

Some projects of special interest which were funded in the month of March are listed in tab 3. I thought you might be interested that the three projects presented in this section are all examples of multi-disciplinary teams attacking basic health problems. The National Center for Nursing Research funding will look at early intervention as a way of reducing cardiovascular disease in African-American children. The Muscular Dystrophy study is testing a potential method of correcting the missing protein defect in MD patients as preliminary work to gene transfer therapy. At tab 4 is the list of all projects funded in March.

At tab 5 you will find three interesting articles on indirect costs and how they relate to sponsored research. That completes my report, Mr. Chairman.

Mr. Barone:

I want to note that Ms. Casto has done a wonderful job in succeeding me on this very important Research Foundation Board. Research is acutally the backbone of the University and a necessity. She has done a wonderful job on that Board.

### **REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS**

Resolution No. 92-115

Synopsis: Approval of the following reports on contracts, grants, and gifts and the summary for March 1992 is proposed.

May 1, 1992 meeting, Board of Trustees

WHEREAS monies are solicited and received on behalf of the University from governmental, industrial, other agencies, alumni, and various individuals in support of research, instructional activities, and service; and

WHEREAS such gifts and grants are received through The Ohio State University Research Foundation, the Engineering Experiment Station of The Ohio State University, and The Ohio State University Development Fund:

NOW THEREFORE

BE IT RESOLVED, That the research agreement between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the reports from the Engineering Experiment Station, and The Ohio State University Development Fund during the month of March 1992 be approved.

Upon motion of Ms. Casto, seconded by Mr. Celeste, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

Summary

MARCH 1992

<u>Source</u>	<u>7/1/90-3/31/91</u>	<u>7/1/91-3/31/92</u>	<u>MARCH 1992</u>
The Ohio State University Research Foundation	\$91,315,218.03	\$116,678,421.36	\$11,433,223.08
Engineering Experiment Station	\$ 5,434,306.00	\$ 4,647,051.00	\$ 553,136.00
OSU Foundation and Development Fund	\$ 37,818,034.00	\$ 37,863,522.00	\$ 3,375,568.00

The Ohio State University Development Fund

Establishment of Named Funds

The Dr. Ernest W. Johnson Professorship Fund  
(Support research and physical medicine rehabilitation) \$ 52,035.02

The Pauline A. Weaver Scholarship Fund  
(Scholarships - College of Human Ecology) \$ 24,000.00

The Pastoral Care Endowment Fund  
(Support research, programs and pastoral care  
faculty and staff positions) \$ 20,000.00

The Donald L. Keffer Endowed Scholarship Fund  
(Scholarships - College of Optometry) \$ 15,727.50

May 1, 1992 meeting, Board of Trustees

The Sue Ann Longenecker Endowed Scholarship Fund (Scholarships - Dental Hygiene Program)	\$ 15,610.00
The Lawrence A. Kaufman Athletic Scholarship Fund (Scholarships for students holding a running back position on the men's varsity football team)	\$ 15,000.00
The Ross County 4-H Endowment Fund (Scholarships and awards)	\$ 15,000.00
The John V. Spalla Athletic Scholarship Fund (Scholarships - members of the varsity football team)	\$ 15,000.00

Change in Name and Description of Named Funds

From: The John G. Boutselis Fund in Obstetrics and Gynecology  
To: The John G. Boutselis, M.D., Chair Fund in Gynecology

From: The Rebecca and Laura Hazard Scholarship Fund  
To: The Rebecca Hazard Inkrott and Laura Hazard Brockway Scholarship Fund

From: The Ohio Association of Real Estate Boards Scholarship  
To: The Ohio Association of Realtors, Inc. Scholarship Fund

Change in Description of Named Funds

Arthur E. Baggs Memorial Fund  
The V. Ray Frederick Memorial Scholarship Fund  
The Thomas Huxley Langlois Research Fellowship  
The Paul D. Morrill Memorial Lecture Fund  
The Franz Theodore Stone Laboratory Scholarship Fund  
The Franz Theodore Stone Laboratory Sustaining Fund  
The Franz Theodore Stone Laboratory Visiting Professorship Fund

May 1, 1992 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND**

Description of Named Funds

The Dr. Ernest W. Johnson Professorship Fund

The Dr. Ernest W. Johnson Professorship Fund was established May 1, 1992, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from friends and colleagues in honor of Dr. Ernest W. Johnson (B.A., Biological Sciences, 1948; M.D., 1952; Master, Medical Science, 1957).

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be returned to the principal until such time as the funding level for the professorship reaches \$500,000, whereupon the annual income shall be used to support research and physical medicine rehabilitation in the Department of Physical Medicine, College of Medicine.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the Dean of the College of Medicine, Chairperson of the Department of Physical Medicine, or Ernest W. Johnson Society representative in order to carry out the desire of the donors.

The Pauline A. Weaver Scholarship Fund

The Pauline A. Weaver Scholarship Fund was established May 1, 1992, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from the estate of Pauline A. Weaver (B.S.H.E. '28).

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used for scholarships for students enrolled in the College of Human Ecology. Selection of the scholarship recipient(s) shall be made by the Dean of the College of Human Ecology, or their designee, in consultation with the University Committee on Student Financial Aid.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

May 1, 1992 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Description of Named Funds (contd)

The Pastoral Care Endowment Fund

The Pastoral Care Endowment Fund was established May 1, 1992, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from friends of the Pastoral Care Department and the William Cooper Procter Fund of the Episcopal Diocese of Southern Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to support research, programs and pastoral care faculty and staff positions, with preference given to an Episcopal chaplain, as determined by the Director of Pastoral Care in consultation with the administration and Executive Director of University Hospitals.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the Director of Pastoral Care, the administration, and the Executive Director of University Hospitals in order to carry out the desire of the donors.

The Donald L. Keffer Endowed Scholarship Fund

The Donald L. Keffer Endowed Scholarship Fund was established May 1, 1992, by the Board of Trustees of The Ohio State University, with a gift to The Ohio State University Development Fund from Dr. Donald L. Keffer (B.S., Optometry, 1942) of Lancaster, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide one or more scholarship awards to students enrolled in the College of Optometry who have demonstrated academic ability and a need for financial assistance. Recipients shall be named annually, but may be eligible for renewed awards. The award recipients shall be selected by the Dean of the College of Optometry in consultation with the University Committee on Student Financial Aid.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

May 1, 1992 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Description of Named Funds (contd)

The Sue Ann Longenecker Endowed Scholarship Fund

The Sue Ann Longenecker Endowed Scholarship Fund was established May 1, 1992, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from her friends and colleagues so that they might express their sorrow upon the death on May 31, 1991, of a very special friend and colleague.

The fund is designed to commemorate the life and career of Ms. Longenecker (Certificate, Dental Hygiene, 1976; B.S.Ed. '77). Students under the tutelage of Sue Ann will remember her ability to create a learning environment that challenged them to become critical thinkers and creative problem solvers.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The scholarship awards shall be made to students based primarily on merit and at the discretion of the Director of the Dental Hygiene program in consultation with the University Committee on Student Financial Aid. The students shall have demonstrated (1) a high degree of academic potential, (2) scholastic ability, and (3) enthusiasm for learning. Should income from this fund not be awarded in any given year, then the income is to be added to the fund's principal.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donors.

The Lawrence A. Kaufman Athletic Scholarship Fund

The Lawrence A. Kaufman Athletic Scholarship Fund was established May 1, 1992, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from Lawrence A. Kaufman (B.S.Pharm. '68; B.S., Microbiology, 1963) of Columbus, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to help fund the scholarship costs for student athletes who hold a running back position on the men's varsity football team and who are pursuing undergraduate degrees at The Ohio State University. Selection of the recipient(s) shall be made by the Director of Athletics in consultation with the University Committee on Student Financial Aid.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

May 1, 1992 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Description of Named Funds (contd)

The Ross County 4-H Endowment Fund

The Ross County 4-H Endowment Fund was established May 1, 1992, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from the Ross County 4-H Committee and other friends of the Ross County 4-H Program.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to support the Ross County 4-H Program. This support may include, but is not limited to, the funding of scholarships and awards for 4-H members, volunteer leaders and friends of 4-H; sponsoring seminars and programs; and purchasing material or services that will supplement 4-H programming or increase the visibility and public support for 4-H in Ross County. All expenditures from this fund shall be approved by the Ross County 4-H Committee and the professional in charge of the Ross County 4-H Program.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donors.

The John V. Spalla Athletic Scholarship Fund

The John V. Spalla Athletic Scholarship Fund was established May 1, 1992, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from the family, friends and the estate of John V. Spalla (B.A., Political Science, 1970) of Montgomery County, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to supplement the grant-in-aid scholarship costs of student athletes who are members of the varsity football team and are pursuing undergraduate degrees at The Ohio State University. Recipients shall be selected by the Director of Athletics in consultation with the University Committee on Student Financial Aid.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees as recommended by the Director of Athletics in order to carry out the desire of the donors.

May 1, 1992 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Change of Name and Description of Named Funds

The John G. Boutselis, M.D. Chair Fund in Gynecology

The John G. Boutselis Fund in Obstetrics and Gynecology was established November 1, 1974, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from Dr. and Mrs. John G. Boutselis, M.D. (Master, Medical Science, 1956) of Columbus, Ohio. The name and description were revised May 1, 1992.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be returned to the principal until the funding level required for the chair reaches \$1,250,000 whereupon the annual income shall be used to support a faculty chair position in gynecologic oncology in the Department of Obstetrics and Gynecology as recommended by the Chairperson of the Department of Obstetrics and Gynecology and the Dean of the College of Medicine to the Provost and approved by the Board of Trustees.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the Dean of the College of Medicine, Chairperson of the Department of Obstetrics and Gynecology, or program administrative officer in order to carry out the desire of the donors.

The Rebecca Hazard Inkrott and Laura Hazard Brockway  
Scholarship Fund

The Rebecca and Laura Hazard Scholarship Fund was established February 7, 1986, by the Board of Trustees of The Ohio State University, with a gift to The Ohio State University Development Fund from Francis E. Hazard (Ph.D., Education, 1973), Dean and Director of The Ohio State University Campus at Marion, in honor of his daughters, Rebecca (Ph.D., 1988) and Laura (A.A., 1982; B.S.H.E., 1984). The name and description were revised May 1, 1992.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income and additional gifts shall be added to the principal until such time as the principal reaches \$15,000. Thereafter, twenty percent (20%) of the annual income shall be added to the fund's principal. The remaining eighty percent (80%) of the annual income shall be used to provide scholarships in the College of Human Ecology at either the graduate or undergraduate level. This scholarship shall be awarded by the University Committee on Student Financial Aid upon the recommendation of the College of Human Ecology Scholarship Committee or its successor.

May 1, 1992 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Change of Name and Description of Named Funds (contd)

The Rebecca Hazard Inkrott and Laura Hazard Brockway  
Scholarship Fund (contd)

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

The Ohio Association of Realtors, Inc. Scholarship Fund

The Ohio Real Estate Scholarship Fund was established March 3, 1947, with gifts to The Ohio State University Development Fund from the Ohio Association of Real Estate Boards as well as individuals, companies and organizations interested in encouraging young men and women to prepare themselves for the profession of realtor by pursuing the real estate courses of study at The Ohio State University. The name of the fund was changed to The Ohio Association of Real Estate Boards Scholarship on August 18, 1948. The name and description were revised May 1, 1992.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide undergraduate and graduate scholarships. Recipients shall be selected by the Dean of the College of Business upon the recommendations from the Ohio Association of Realtors, Inc. and in consultation with the University Committee on Student Financial Aid.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer with preference being given to the field of real estate.

Change in Description of Named Funds

Arthur E. Baggs Memorial Fund

The Arthur E. Baggs Memorial Fund was established February 14, 1961, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund in memory of Arthur E. Baggs. The description was changed May 4, 1989, and was revised again May 1, 1992.

All gifts are to be invested in the University's permanent endowment fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University with the right to invest and reinvest as occasion dictates.

May 1, 1992 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Change in Description of Named Funds (contd)

The annual income shall be used for a scholarship to an outstanding undergraduate student with interest in pursuing a major in the ceramic arts with the equivalent of high school chemistry as a prerequisite. Suggested studies are to include investigation of basic vessel tradition of glaze chemistry, craftsmanship, and aesthetics. The selection of the recipient will be made by the University Committee on Student Financial Aid.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donors. It is the donors' expressed desire to fund activities related to one of the following curricula in order of preference: industrial design, music, photography and cinema, art history.

The V. Ray Frederick Memorial Scholarship Fund

The V. Ray Frederick Memorial Scholarship Fund was established April 4, 1986, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from family and friends in memory of V. Ray Frederick, a former student at Franz Theodore Stone Laboratory. The description was revised May 1, 1992.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide one or more scholarships to students from another institution who enroll in the Franz Theodore Stone program and/or out-of-state undergraduate and/or graduate students who have demonstrated academic excellence and/or need for financial assistance, to study at the Franz Theodore Stone Laboratory. The selection of the recipients shall be made by the Director of Stone Laboratory upon the recommendation of the F. T. Stone Laboratory Scholarship Committee and in consultation with the University Committee on Student Financial Aid.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer responsible for Lake Erie teaching, research and service in order to carry out the desire of the donors.

The Thomas Huxley Langlois Research Fellowship

The Thomas Huxley Langlois Research Fellowship was established December 5, 1986, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from the family of Thomas Huxley Langlois and from alumni, faculty and friends of the Franz Theodore Stone Laboratory and the College of Biological Sciences. The description was revised May 1, 1992.

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

May 1, 1992 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Change in Description of Named Funds (contd)

The Thomas Huxley Langlois Research Fellowship (contd)

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used for support of one or more research fellowships for scholarly work at the F. T. Stone Laboratory. The Director of the Laboratory, in consultation with a research committee composed of members of his/her faculty, will have sole authority to authorize expenditures from the fund as approved by the Senior Vice President for Academic Affairs and Provost.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer responsible for Lake Erie teaching, research and service in order to carry out the desire of the donors.

The Paul D. Morrill Memorial Lecture Fund

The Paul D. Morrill Memorial Lecture Fund was established September 5, 1986, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from Alice B. Morrill, Columbus, Ohio, and friends in memory of Paul D. Morrill, retired Assistant University Architect. The description was revised May 1, 1992.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to underwrite the costs of lectures for the Department of Architecture. Appropriate promotional efforts will be given to each presentation. Expenditure of funds shall be at the recommendation of the Chairperson of the Department of Architecture and approved by the Director of the School of Architecture.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donors.

The Franz Theodore Stone Laboratory Scholarship Fund

The Franz Theodore Stone Laboratory Scholarship Fund was established September 2, 1983, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from the Friends of Franz Theodore Stone Laboratory. The description was revised May 1, 1992.

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

May 1, 1992 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Change in Description of Named Funds (contd)

The Franz Theodore Stone Laboratory Scholarship Fund (contd)

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide one or more scholarships for undergraduate and/or graduate students, who have demonstrated academic excellence and/or need for financial assistance, to study at the Franz Theodore Stone Laboratory. The selection of the recipients shall be made by the Director of Stone Laboratory upon the recommendation of the F. T. Stone Laboratory Scholarship Committee and in consultation with the University Committee on Student Financial Aid.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer responsible for Lake Erie teaching, research and service in order to carry out the desire of the donors.

The Franz Theodore Stone Laboratory Sustaining Fund

The Franz Theodore Stone Laboratory Sustaining Fund was established December 8, 1983, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from the Friends of the Franz Theodore Stone Laboratory. The description was revised May 1, 1992.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used for those purposes which will sustain and enrich the research, teaching and service programs and facilities of the Franz Theodore Stone Laboratory. Expenditure of the annual income shall be made upon the authorization of the Director of the Franz Theodore Stone Laboratory in consultation with the Board of Directors of the Friends of Stone Laboratory and with the approval of the Senior Vice President for Academic Affairs and Provost.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer responsible for Lake Erie teaching, research and service in order to carry out the desire of the donors.

May 1, 1992 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Change in Description of Named Funds (contd)

The Franz Theodore Stone Laboratory  
Visiting Professorship Fund

The Franz Theodore Stone Laboratory Visiting Professorship Fund was established September 7, 1984, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from the Friends of Franz Theodore Stone Laboratory. The description was revised May 1, 1992.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide one or more visiting professorships to enrich the instructional program at the Franz Theodore Stone Laboratory. The selection of the recipients shall be made in accordance with University procedures for appointment of visiting faculty and upon the recommendation of the Director of the Franz Theodore Stone Laboratory, the appropriate department chairperson, and the Senior Vice President for Academic Affairs and Provost.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer responsible for Lake Erie teaching, research and service in order to carry out the desire of the donors.

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**HOSPITALS BOARD REPORT**

Mr. Barone:

The Hospitals Board and its Professional Affairs/Education/Research Committee both met on Thursday, April 23.

The Professional Affairs Committee moved into Executive Session for a confidential review of quality and resource indicators and a case study. In open session, Dr. Bush reported on progress toward establishment of an integrated practice group. Dr. Mekhjian reported on medical staff activities.

The Committee also received updates on the Risk Management program, employee certification, vacancy and turnover rates, and activities to ensure that the Hospitals will be in compliance with new standards when the Joint Commission on Accreditation of Healthcare Organizations makes its next site visit in November 1993.

May 1, 1992 meeting, Board of Trustees

### **HOSPITALS BOARD REPORT (contd)**

Mr. Barone: (contd)

The first order of business for the Hospitals Board was to receive Committee reports. Next we received and endorsed the recommendation of the Nominating Committee that Susan Insley, Jack Havens, Dr. John Kramer, and Donald Shackelford be reappointed to 3-year terms on the Hospitals Board. We are also requesting a 3-year Emeritus appointment for Pete Klisares. Susan Insley was nominated as Chairman for next year, and Donald Shackelford was nominated as Vice Chair. It was announced that Dr. Grayce Sills has agreed to chair the Professional Affairs Committee; David Lauer will chair the Administrative/Operations Committee; and William Bennett will chair the Strategic Planning Committee. On behalf of the Hospitals Board, Mr. Fraley has sent a letter formally requesting the Board appointments previously mentioned.

The Hospitals Board presented a framed resolution to Mrs. Charlotte Immke in recognition of the dedicated service of her late husband, Len.

The Board received reports on patient statistics and financial performance of University Hospitals and the James Cancer Hospital. Our receivables have been reduced to 73 days, versus 100 days last June 30 and a target of 85 for this year.

We also received a report on news coverage of the Hospitals; an overview of the first three months of the University's managed healthcare initiative; development of the operating budget for the coming fiscal year; and updates on Certificate of Need projects, construction and renovation, and safety statistics.

Mr. Teaford:

I want to say, having served on the Hospitals Board, that Mr. Celeste and Mr. Barone must have done a hell of a job to get those receivables down to 73 days. That is truly a marvelous accomplishment and I think Reed Fraley may have had something to do with that.

Mr. Barone:

Mr. Fraley is not here today, but Mr. Celeste and I can vouch that there is not a harder worker in the whole University than Reed Fraley.

We are also recommending the following resolutions:

#### **UNIVERSITY HOSPITALS BOARD REAPPOINTMENTS**

Resolution No. 92-116

Synopsis: Approval of the reappointments of University Hospitals Board members is proposed.

WHEREAS the Board of Trustees on November 30, 1979, approved the establishment of a University Hospitals Board; and

WHEREAS the membership of the Hospitals Board was approved on April 4, 1980, and has been subsequently amended; and

May 1, 1992 meeting, Board of Trustees

WHEREAS the term of four general public members of the Hospitals Board has expired:

NOW THEREFORE

BE IT RESOLVED, That the following individuals be reappointed as general public members of the University Hospitals Board, for a three-year term, effective May 1, 1992:

John F. Havens  
Susan J. Insley  
John G. Kramer, D.D.S.  
Donald B. Shackelford

Upon motion of Mr. Barone, seconded by Mr. Celeste, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**UNIVERSITY HOSPITALS BOARD EMERITUS APPOINTMENT**

Resolution No. 92-117

Synopsis: Approval of emeritus status to a Hospitals Board member is proposed.

WHEREAS pursuant to bylaw 3335-93-01 of the University Hospitals Board Bylaws, the Board of Trustees may designate emeritus Hospitals Board members; and

WHEREAS Pete A. Klisares has finished completing his third and final term as a Hospitals Board member; and

WHEREAS he has been a dedicated member whose leadership has been invaluable, particularly in development of the medical center's strategic planning processes; and

NOW THEREFORE

BE IT RESOLVED, That upon the recommendation of the Hospitals Board and the President, the title of Hospitals Board Member Emeritus be conferred upon Mr. Pete A. Klisares, for a three-year period, effective May 1, 1992.

Upon motion of Mr. Barone, seconded by Mr. Shumate, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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May 1, 1992 meeting, Board of Trustees

### **AGRICULTURAL AFFAIRS COMMITTEE REPORT**

Mr. Celeste:

The Agricultural Affairs Committee of the Board of Trustees had a whirlwind trip and meeting on April 22, 1992, at the Piketon Research and Extension Center in Piketon, Ohio. Bob Rades greeted those attending and gave a brief introduction to the Center.

The Piketon Research and Extension Center, appropriated in the 1986 capital budget and first occupied in 1991, is a unique facility since it combines research and extension programming under one roof. Six major program areas are targeted at the Piketon Research and Extension Center to serve the needs of South-Central Ohio. These are Forestry, Economic Development, Water Quality, Horticulture, Water Management, and Aquaculture.

We had a very quick tour of a variety of areas, including: the Reservoir Model, which illustrated the new longer-life design; the Groundwater Model showing underground cross-flows; in the Soils Lab, we were shown soil cores, sliced every four inches to show changes from topsoil down to gravel layers, an impressive display; and we toured the Horticulture Research Greenhouses.

Both above-ground, trickle tube and subsurface drainage tile irrigation methods were demonstrated at the Water Management site. Particularly interesting was the aquaculture ponds and building tour that displayed trout, yellow perch, walleye, and catfish that were among the species being raised. The aquaculture project, we believe, has great potential as a new agricultural industry for Ohio.

And, finally, the MSEA (Management Systems Evaluation Area) site was our last stop. This is a federally funded project, is a cooperative effort between a number of agencies, and is designed to monitor the effects of standard farming practices on underground water quality.

Following the tour, we met with several local people at the Emmitt House in Waverly, who are very supportive of the efforts at the Piketon Research and Extension Center. That concludes my report, Mr. Chairman.

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### **ACADEMIC AFFAIRS COMMITTEE REPORT**

Ms. Casto:

This morning we heard from Dr. Ada Demb, who has recently just come to us to be head of International Affairs. In her report, she gave statistics such as: four of our five area centers are among the 12 best in the country -- so recognized through grants as National Resource Centers; 20 percent of International Studies majors are honors students, the highest percentage in the College of Social and Behavioral Sciences; our MUCIA projects are worth approximately \$5 million; and dozens of faculty have introduced themselves to her during the past 3 months, to inform her of their independently initiated projects -- many in eastern Europe.

Dr. Demb is looking forward to her tenure here at Ohio State and asked if she could come back and see us at a later date when she feels that her feet are more on the ground.

May 1, 1992 meeting, Board of Trustees

**ACADEMIC AFFAIRS COMMITTEE REPORT (contd)**

Ms. Casto: (contd)

Also, we heard from Peter van Deventer about the Interest Group on Global Understanding (IGGU). It is a grass roots organization here at Ohio State, which has been active since the summer of 1991, identifying issues related to the internationalization of Ohio State. We wish him success in the future; I very much admire his spirit.

Also in the Academic Affairs Committee meeting, Dr. Hayes discussed information about Indirect Costs that the University charges on externally funded research projects. This topic is receiving a great deal of attention at the national level as a result of claims that universities have been overcharging government grants and contracts. We were pleased to learn that Ohio State has not had any disputes with our Health and Human Services auditors concerning overcharging on prior year activities.

The Office of University Budget Planning has the responsibility for negotiating and developing the indirect cost rate charged to research grants and contracts. We are currently in the process of preparing the Indirect Cost proposal for FY 1993 and beyond. Our current indirect cost rate of 47 percent is significantly lower than rates at most private institutions such as Stanford (74 percent) and M.I.T. (62 percent) and even lower than the University of Michigan whose rate is 59 percent.

Indirect costs are real costs beyond the direct costs charged to external grants and contracts. Direct costs include graduate student stipends, supplies, equipment maintenance, and travel. The amount of indirect costs recovered during FY 91 was \$25.4 million. The projected FY 92 recovery will be \$27.7 million, an increase of 9.1 percent. These funds are used to offset actual expenses such as use allowance (wear and tear on buildings, equipment), physical plant operations (utilities, power, repairs), administration (university-wide, departmental, and college), libraries, and sponsored programs administration (OSURF).

This is a very timely subject, because it has been so controversial in the news. I was glad to get the report that we had and we are very proud. Thank you, Dr. Hayes.

The Academic Affairs Committee is also recommending the following resolutions:

**DEGREES AND CERTIFICATES - SPRING QUARTER COMMENCEMENT**

Resolution No. 92-118

Synopsis: The Academic Affairs Committee recommended the approval of degrees and certificates for Spring Quarter Commencement.

WHEREAS pursuant to paragraph (E) of rule 3335-1-06 of the Administrative Code, the Board has authority for the issuance of degrees and certificates; and

WHEREAS the faculties of the colleges and schools shall transmit, in accordance with rule 3335-9-29 of the Administrative Code, for approval by the Board of Trustees, the names of persons who have completed degree and certificate requirements:

NOW THEREFORE

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BE IT RESOLVED, That the degrees and certificates be conferred on June 12, 1992, to those persons who have completed the requirements for their respective degrees and certificates and are recommended by the colleges and schools, and that the names of those persons awarded degrees and certificates be included in the minutes of this meeting.

Upon motion of Ms. Casto, seconded by Mr. Kessler, the Board of Trustees adopted the foregoing resolution with eight affirmative votes cast by Messrs. Barone, Kessler, Wolf, Wexner, Shumate, Celeste, Colley and Ms. Casto and an abstention by Mr. Teaford.

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### PERSONNEL ACTIONS

Resolution No. 92-119

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the April 3, 1992 meeting of the Board, including the following Appointments, Appointment of Chairpersons, Reappointment of Chairpersons, Leaves of Absence Without Salary, and Emeritus Titles as detailed in the University Budget be approved.

#### Appointments

Name: LOREN V. GEISTFELD  
Title: Acting Dean  
College: Human Ecology  
Effective: March 21, 1992  
Salary: \$86,652.00  
Current Position: Associate Dean, College of Human Ecology and Professor, Departments of Family Resource Management, Textiles and Clothing, and Agricultural Economics and Rural Sociology

Name: RANDALL B. RIPLEY  
Title: Acting Dean  
College: Social and Behavioral Sciences  
Effective: April 1, 1992  
Salary: \$98,952.00  
Current Position: Professor, Department of Political Science

#### Appointment of Chairpersons

October 1, 1992 through September 30, 1996

Anthropology  
Economics

Frank E. Poirier  
Masanori Hashimoto

#### Reappointment of Chairpersons

October 1, 1992 through September 30, 1996

Communication  
Division of Speech and Hearing Science

Joseph M. Foley  
Lida G. Wall

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### **PERSONNEL ACTIONS (contd)**

#### Leaves of Absence Without Salary

STEVEN B. SCHWARZKOPF, Assistant Professor, Department of Psychiatry, effective April 1, 1992, through March 31, 1993, to do research work at the University of Rochester.

ALAN D. VIARD, Assistant Professor, Department of Economics, effective July 1, 1992 through June 30, 1993, to work as a staff economist at the Joint Committee on Taxation of the United States Congress in Washington, D.C.

#### Emeritus Titles

DONALD W. GOOD, College of Arts and Sciences--Administration and Department of English, correct title to Assistant Dean and Secretary, and Associate Professor Emeritus, effective March 1, 1992.

LAWRENCE HERMAN, College of Law, with the title Professor Emeritus, effective March 1, 1992.

MICHAEL H. KLAPPER, Department of Chemistry, with the title Professor Emeritus, effective March 1, 1992.

JOAN R. LEITZEL, Department of Mathematics, with the title Professor Emeritus, effective March 1, 1992.

LEE M. MODJESKA, College of Law, with the title Professor Emeritus, effective March 1, 1992.

DONALD C. CAVIN, Department of Educational Services and Research, with the title Associate Professor Emeritus, effective March 1, 1992.

WILLIAM E. SNYDER, University Library (Newark Campus), with the title Instructor Emeritus, effective March 1, 1992.

Upon motion of Ms. Casto, seconded by Mr. Shumate, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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### **RESOLUTIONS IN MEMORIAM**

Resolution No. 92-120

Synopsis: The Academic Affairs Committee recommended the approval of seven Resolutions in Memoriam.

RESOLVED, That the Board adopt the following Resolutions in Memoriam and that the President be requested to convey a copy to the families of the deceased.

Mary Maurine Millican

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on February 13, 1992, of Mary Maurine Millican, Associate Professor Emeritus in the Department of Textiles and Clothing, College of Human Ecology.

### **RESOLUTIONS IN MEMORIAM (contd)**

May 1, 1992 meeting, Board of Trustees

Mary Maurine Millican (contd)

Mary Millican was born February 11, 1926, in Loving, Texas. She received her early training at Loving and Graham High Schools. She then received her B.S. in Bacteriology and Chemistry in 1948, and her M.S. in Home Economics in 1953 at the University of Texas. She worked as a researcher in the Laboratory for Cotton and in the marketing section of cotton fiber analysis at the University of Texas from 1952-55.

Mary Millican joined the faculty of textiles and clothing in the Department of Home Economics in October 1955. Professor Millican was thorough and well prepared for her field. She had real talent in the design applied to clothing as well as a sound background in science. Professor Millican was considered a remarkable teacher and faculty member. Her standards for herself and others were high. She was quite successful in helping the students raise their own standards rather than imposing her own.

Professor Millican demonstrated excellent leadership in the study and revision of undergraduate clothing courses. Her scholarly approach to teaching and commitment to excellence were a strength to the Department of Textiles and Clothing. Her dedicated work on the development and maintenance of the Historic Costume Collection was a significant contribution to the department and the college.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in their loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Kenneth E. Naylor

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on March 10, 1992, of Kenneth E. Naylor, Professor in the Department of Slavic and East European Languages and Literatures.

Kenneth E. Naylor, Jr. was born February 27, 1937, in Philadelphia, Pennsylvania. He received his bachelor's degree in French from Cornell University in 1958 and his master's degree in general linguistics from Indiana University in 1960. While at Indiana University, he began to study Slavic with the person who became his mentor and friend, Professor Edward Stankiewicz. When Professor Stankiewicz moved to the University of Chicago, Kenneth Naylor went with him. He spent a year studying at the University of Novi Sad in Yugoslavia with the renowned Yugoslav linguist Pavle Ivic. After returning to Chicago he finished his doctorate in Slavic linguistics in 1966. His dissertation was on the Cakavian dialect of Serbo-Croatian, and Serbo-Croatian linguistics remained in the center of his scholarly activity for the rest of his life.

Dr. Naylor was an assistant professor at the University of Pittsburgh from 1964 to 1966, when he moved to The Ohio State University. He was promoted to Associate Professor in 1969 and to Professor in 1975. He was a guest lecturer on linguistics in Poland in 1965 and a guest Professor at the Institute for South Slavic languages of the University of Novi Sad in the spring of 1982. At The Ohio State University, Dr. Naylor taught a wide variety of classes in Slavic linguistics, Serbo-Croatian and Macedonian language, and on the Slavic peoples and cultures. He was a frequent guest on the WOSU radio program, "The Soviet Union and Eastern Europe in Perspective," and often gave lectures on various topical questions. At the time of his death, Dr. Naylor was the Acting Director of

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the Center for Slavic and East European Studies at The Ohio State University.

Dr. Naylor was the recipient of awards, grants, and fellowships from many sources, including the countries of Yugoslavia and Bulgaria, the ACLS, the Fulbright program, and others. He was a founding member of the American Association for Southeast European Studies and served as its President in 1973. He was the founder and editor of the first six issues of the journal *Balkanistica*; he was also editor of two issues of the *American Bibliography of Slavic and East European Studies* and co-editor of eight volumes of the journal *Folia Slavica*. Especially noteworthy among his professional service, were his ten years as Secretary-Treasurer of the American Committee of Slavists. He served on numerous committees and advisory panels at all levels of The Ohio State University and rendered outstanding service. He will be sorely missed at The Ohio State University for his knowledge and perspectives in this work.

Professor Naylor's own research centered on the Serbo-Croatian language and Slavic linguistics in general. The overwhelming majority of his seventy articles were on Serbo-Croatian and Balkan linguistics; several were on the other Slavic languages and a number were bibliographical surveys. He also had a strong interest in and a deep knowledge of the politics, history, and culture of Yugoslavia. This knowledge showed in his presentations and classes, which inspired many students to take an active interest in the South Slavic languages. At the time of his death, he had four students writing dissertations in this area.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in their loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Richard Carl Nelson

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on March 3, 1992, of Richard Carl Nelson, Professor Emeritus in the Department of Physics.

Richard C. Nelson was born in Stillwater, Minnesota, on May 1, 1915. He received his AB in 1935 and his Ph.D. in 1938 from the University of Minnesota, Department of Plant Physiology. After receiving his Ph.D. he held several different industrial positions, one as a chemist and one as a spectroscopist. Following three years as research associate at Northwestern University, he joined the faculty of The Ohio State University in 1949 to work in the area of biophysics as a member of the Physics Department. He remained in this position until his retirement in 1978. He continued to do some research for a few years after he became Professor Emeritus.

Professor Nelson was a scientist and researcher into the very complicated complex of phenomena involved in the behavior of electrons in organic solids, photoconductivity of dyes, and dye sensitization of photoprocesses. Spectral sensitization by dyes is of great importance in photography and in life processes such as photosynthesis. Although sensitization by dyes was discovered as long ago as 1873, the knowledge of electron behavior in solids at that time and for long after was totally inadequate for understanding the process. The problems Professor Nelson worked on have remained complex and difficult down to the present time. Instead of looking for easier problems that might more readily lead to publishable results, he persisted throughout his research career in seeking better understanding of the electron and photon processes taking place in organic solids and involved in dye sensitization. In approaching these complex questions, he and his students viewed them from many different directions and made many different kinds of observations in order to develop a coherent picture of the processes involved.

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During his tenure at The Ohio State University, Professor Nelson continued to have significant industrial associations. His work was well recognized by industry; for one five-year period his salary at The Ohio State University was paid entirely by a grant from Eastman Kodak Company. His research results were reported in a substantial body of published papers. He was elected a Fellow of the American Physical Society.

Professor Nelson had a rather unusual combination of abilities, as plant physiologist, as chemist, as physicist, and he was a careful and persistent experimenter. These were almost uniquely appropriate qualifications for achieving significant progress in a lifetime of research that was dedicated to understanding the connections between our knowledge of the physical universe and the biological processes supporting life.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in their loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Doris L. Snook

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on March 4, 1992, of Doris L. Snook, Assistant Professor Emeritus of the Cooperative Extension Service.

Professor Snook was born January 12, 1910, in Lebanon, Ohio. She completed her B.S. in Home Economics in 1931 at The Ohio State University and the M.S. in Home Economics in 1946 at Purdue University.

Doris L. Snook began her Extension Career in Ohio when she joined the faculty at The Ohio State University in 1936 as a Home Demonstration Agent in Training in Shelby County. She left this position in January of 1939 to accept the position of Home Demonstration Agent in Seneca County. On October 15, 1945, she resigned from the Extension Service to do her graduate work at Purdue. She returned in 1946 as the Home Demonstration Agent in Franklin County. She held this position until 1954 when she resigned to accept an Extension position at Penn State University. She returned to The Ohio State University in 1958 as an Extension Specialist in Housing and Furnishings. She held this position until her retirement on June 30, 1967.

Professor Snook's contributions in providing excellent Extension educational programs during her career earned her the respect and admiration of her co-workers.

On behalf of the University community, the Board of Trustees expresses its sympathy and sense of understanding in their loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Lockwood Thompson

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on March 27, 1992, of Lockwood Thompson, former member of the Board of Trustees of The Ohio State University.

**RESOLUTIONS IN MEMORIAM (contd)**

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Lockwood Thompson (contd)

Mr. Thompson was born in Cleveland, Ohio, in 1902, and was a graduate of Williams College and Harvard Law School. He established himself as a prominent member of the legal community, an outstanding citizen and devoted supporter of the Cleveland Public Library system. Mr. Thompson served on the Board of Trustees of The Ohio State University from 1938 through 1943 and again from 1946 through 1951.

Mr. Thompson's years of service to Ohio State was only one facet of his dedication to public learning. He served three terms, fourteen years, as a trustee of the Cleveland Public Library Board. He also served as the Library Board's President from 1964 to 1969. During his tenure, the library achieved national status as a model public library system. In 1968, Mr. Thompson established a library endowment fund in honor of his parents to support the library's purchase of materials on art. He began his third appointment to the Library Board in 1990 at the age of 88.

In addition to his lifelong support of the public library, Mr. Thompson was a member of the State's first liquor control board in 1933, served on the Cuyahoga County Board of Elections from 1938 to 1940, chaired the Committee for Fair Employment Legislation, which led to the Ohio Fair Employment Act of 1951, served as a Cuyahoga County appellate judge from 1951 through 1952, was general counsel to the Ohio Turnpike Commission in 1956, and served on the City of Cleveland's Board of Ethics from 1964 through 1975. He also earned five battle stars while serving in Africa and Europe during World War II.

On behalf of the University community, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in their loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's sympathy.

Joseph Treiterer

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on February 19, 1992, of Joseph Treiterer, Professor Emeritus in the Department of Civil Engineering.

Joseph Treiterer was born December 7, 1918, in Grafrath Obb, Germany. His career in Civil Engineering began in 1949 after completing his degree in civil engineering at the Technical University of Munich. He entered the industrial world serving as a consulting engineer in bridge construction, reconstruction of industrial plants, and housing projects. In addition to this role, he joined the Technical University of Munich as a research assistant and was at the forefront of the development of the City Traffic and Urban Transportation program. Upon receiving his Doctor of Engineering Degree, Professor Treiterer focused his interest in traffic engineering, becoming an expert in this area of civil engineering.

During the latter portion of his graduate studies, Dr. Treiterer accepted a position as City Engineer with the city of Windhoek in South West Africa. While employed by the city of Windhoek, Dr. Treiterer was responsible for various aspects of civil engineering: roads, water supply, sewage plants, airport, public transport system, and chief traffic police. In addition to these duties, in 1956, he served as head of the Traffic and Safety Division of the National Institute for Transportation and Road Research and became a part-time lecturer and extramural examiner at the University of Pretoria.

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### **RESOLUTIONS IN MEMORIAM (contd)**

Joseph Treiterer (contd)

In 1963, he joined the faculty of The Ohio State University, Department of Civil Engineering. During the next 23 years, Dr. Treiterer was honored with guest professor invitations at the London University College, the Technical Universities of Berlin, Karlsruhe, Munich, and the Eidgenoessiche Technical University of Zuerich. He was also a consultant for the development of airports in Denmark and West Germany. His committee memberships included the freeway Operations Committee of the Transportation Research Board, and the Fellowship Program of the International Road Federation. His technical achievements include the development of a method for the use of a helicopter based camera system for aerial traffic surveys and measurements, a method and the equipment for weighing vehicles in motion, and a patent for an automatic traffic control and guidance system.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in their loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Richard H. Zimmerman

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on March 15, 1992, of Richard H. Zimmerman, Professor Emeritus in the Department of Mechanical Engineering.

Richard Zimmerman was born November 6, 1922, in Smithville, Ohio. He attended Fenn College in Cleveland where he completed his Bachelor of Mechanical Engineering degree in 1943. From 1943 through 1945, he worked at NACA (now NASA) Lewis Research Center on gas turbines. He also served as a part-time instructor in the physics laboratory at Fenn College. In 1946 he joined The Ohio State University as an Instructor of Mechanical Engineering, and completed his Master of Science degree in 1948. From 1948 until his retirement, he served the Department and the University as an Assistant Professor, Associate Professor, and Professor. He became an authority on gas turbines, thermodynamics and energy conversion and was elected a Fellow of the American Society of Mechanical Engineering. His colleagues and students considered him an outstanding teacher capable of inspiring his students to seek more knowledge. He received the University's Alumni Award for Distinguished Teaching in 1960, the initial year of this award.

From 1962-65 he was part of the American team who went to India to help organize and teach in the Mechanical Engineering Department of the Indian Institute of Technology in Kanpur. In 1965 Professor Zimmerman was appointed the first Dean of the University College. He joined the Administration of the University in 1970, and served as an Executive Assistant to the President and Director of Budget and Resource Planning during 1972-75.

Professor Zimmerman returned to the Department of Mechanical Engineering in 1976, won the MacQuigg and Alumni Teaching Awards, and began a new career in Computer Aided Design (CAD). He rapidly became an expert in the field and after his retirement from the Department in 1979, took his expertise to the University of Puerto Rico, where with a grant from IBM he set up a laboratory for CAD.

He loved the authenticity of the local people, both in India and in Puerto Rico, and made lasting friendships in both places. Those who knew him well, appreciated his keen powers of observation, depth of his analysis, his untiring service to the University and were touched by his deep humanity.

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**RESOLUTIONS IN MEMORIAM (contd)**

Richard H. Zimmerman (contd)

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It is directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family an expression of the Board's heartfelt sympathy.

Ms. Casto:

I would especially like to pay tribute to Lockwood Thompson, who was a former member of the Board of Trustees of The Ohio State University.

Mr. Teaford:

I am forced to note that Lockwood Thompson was like me, a graduate of the Harvard Law School and did not go to Ohio State either, but he gave great service to this University. And, by the way, if I am around as many years after I was initially appointed as he was, the last year I would serve on this Board would be 2028.

Upon motion of Ms. Casto, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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Ms. Casto:

Mr. Chairman, I would like to say that it has been such a pleasure to serve with you. Your enthusiasm has carried over to my spirit of participation on this campus, and I have enjoyed your tenure very much.

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**STUDENT AFFAIRS COMMITTEE REPORT**

Mr. Tonnies:

This morning we had a presentation overviewing the 1992 Honors Week which runs from May 1-8. The report was given by Brett Miller and Patty Lerch who are now new members of Sphinx Honors Society and they were linked today during our meeting.

Many outstanding people have been a part of the honors programs and the class honorary system at Ohio State. The objective of Honors Week 1992 is to spotlight the achievements and contributions of these people, both the contributions that they have made here on The Ohio State University campus and in the community beyond Ohio State. Coordinating "the most public ceremonies" of each of the seven class honoraries into a seven-day period, honors their tradition in history of each of these organizations.

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**STUDENT AFFAIRS COMMITTEE REPORT (contd)**

Mr. Tonnie: (contd)

Almost 200 students are linked or tapped into the six upper class honoraries each year and 400 attain membership into the freshman honorary. Members of each of these groups are represented in Association of Ohio State Class Honoraries. This group helps in conducting combined effort projects and acts as a means of communication between the honoraries. Some of these projects include the Leaders for the 21st Century Speakers Series, Mortar Board/Sphinx Faculty Appreciation Dinner, Romophos/Mirrors Bowling Tournament, and Leadership Ohio State.

We then heard reports from the student government leaders. We met John Hilbert earlier today during the meeting who is the new USG president. He highlighted several USG projects and events during the quarter and spoke of future events. He, as did Sean Tipton, President of the Council of Graduate Students, expressed concern over the financial concerns in the state budget and their impact upon students. President Gee alluded to that earlier in his comments.

Sophia Paige reviewed the recent proceedings at the College of Law regarding the concerns the Black Law Students Association has with the College's current academic climate. She stated that Judge Duncan and his office will investigate the allegations of inequity that have been brought forth by those students. The Board will be kept up to date with these proceedings.

The Committee is recommending an expression of appreciation for Matt Markling. Unfortunately he is not here today, so I will read this for him:

**EXPRESSION OF APPRECIATION**

Resolution No. 92-121

Synopsis: The Student Affairs Committee recommended an Expression of Appreciation to Matthew J. Markling.

WHEREAS Matthew J. Markling, a junior majoring in Political Science and Economics, has served as President of the Undergraduate Student Government during the past year; and

WHEREAS he has carried out his responsibilities with a high degree of integrity and professionalism; and

WHEREAS Matthew has worked tirelessly in various Undergraduate Student Government roles to represent the undergraduate students of this institution and in bringing their concerns to the attention of this Board; and

WHEREAS his commitment to furthering the missions and goals of The Ohio State University has been displayed in countless ways over the past year:

NOW THEREFORE

BE IT RESOLVED, That this Board expresses to Matthew J. Markling its thanks and appreciation for his dedicated leadership and service to The Ohio State University and wishes him happiness, good health, and success in his future endeavors.

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Upon motion of Mr. Celeste, seconded by Mr. Colley, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

If there are no questions this completes my report.

Mr. Chairman, as this is my last meeting as a Student Trustee, I'd like to take this opportunity to thank everyone here for allowing me to participate in the growth and development of this University over the past eight years. I've been involved in various campus activities and organizations, but none as important or as time consuming as The Ohio State University Board of Trustees.

My two-year term as a Trustee has been an education in and of itself and an extraordinary way to finish my years of University service. It is going to be difficult to leave a place that has been so special to me -- a place where I was part of a close-knit family. However, I take with me a wealth of invaluable leadership experience, wonderful memories, and a tremendous education. Quite a bargain even at today's prices. I hope I have given back to Ohio State a fraction of what it has given me.

I will continue my medical career as a Resident of Orthopedic Surgery at Allegheny Hospital in Pittsburgh, Pennsylvania. Who knows, perhaps I will again don the scarlet and gray, after my training is complete, as a faculty member in the College of Medicine. I know Dr. Tzagournis' spine is shivering right now as I mention that.

In closing, I hope the old adage is true, "that old trustees never truly leave, they just keep calling for football tickets." I wish everyone the best and I'll see you at graduation.

Mr. Teaford:

I want to say on behalf of this Board, that David's service to this Board was extraordinary in every way. He was a very important contributing member to this Board, and we very much appreciate his service. On behalf of the Board I would like to present you, David, with a small token -- this plaque which reads: "David A. Tonnie, Student Member, The Ohio State University Board of Trustees, 1990-1992. In appreciation to David A. Tonnie for his dedication, commitment, and praiseworthy service to The Ohio State University."

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#### **INVESTMENTS COMMITTEE REPORT**

Amb. Wolf:

The Investments Committee heard the monthly Endowment Summary Report for the period March 20, 1992 through April 17, 1992. The market value of the Endowment Fund on April 17 was \$405.300 million. This total was about \$2.9 million below the March 20, 1992 market value. The changes in asset allocations to the investment advisors that were approved by this Board in March have been carried out and now the market value of the equity portion of the Endowment Fund has increased to \$265.7 million, while the fixed income portion has increased to \$115.8 million. Conversely, as you might expect, the cash portion has decreased to \$5.6 million. I am pleased to report that net new additions to the Endowment Fund for April total \$709,000.00.

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Since July 1, 1991, which is the beginning of the fiscal year, the Endowment Fund has increased over \$54 million. Net new additions were just over \$25.7 million which was a new one year high, and the net change in market value accounted for an additional \$32.3 million. The current asset allocation for the Endowment Fund is 59 percent invested in equities, 24 percent in fixed income securities, 9 percent in real estate, and 8 percent in cash equivalents.

We also heard the Quarterly Endowment Report for March 31, 1992, which is located in the agenda book. It was indicated that the Endowment Fund earned a 6.8 percent total return for fiscal year '91, which put Ohio State in the 56 percentile of all university endowment funds. I will say that that 56 percentile comes about because of the inclusion of our real estate portfolio in there which dilutes the intensity of our activity in the fixed income and equity security markets.

However, and more significantly, the 10-year annual return of 14 percent for the Ohio State endowment outperformed the average public endowment, the average Big Ten endowment, and the average mid-sized endowment, and places us in the top 23 percent of all endowment funds in the country. It should also be noted that the endowments gift flow rate of 7.4 percent increased slightly in fiscal year '91, while the overall trend of all endowment funds had a decrease of 1.5 percent.

Finally, with a market value of \$351 million at June 30, 1991 -- recognizing it's \$405 million now -- The Ohio State University had the 34th largest total endowment fund in the country and the 6th largest public university endowment fund. That concludes the first phase of this report.

The second phase of our report requires action by this Board, Mr. Chairman. It has to do with changes in the relationships between the University Foundation and the University Development Fund with the Board of Trustees and the Investments Committee.

As you will recall in July 1991, we adopted recommendations on ways to make more effective use of the University Foundation as the primary fund raising and gift receipt organization for the University, thereby assuring effective coordination of the Foundation's activities with the responsibilities of this Board. The recommended change is to the Foundation's Articles of Incorporations and regulations have been made and now have been formally adopted by the Foundation Board. The executive summary and detailed changes are included in our agenda book under the Investments Committee tab.

The resolution is, I think, the final piece in implementing these changes. It specifically provides that two members of the Foundation Board will become ex-officio members of our Investments Committee, with the right to vote on matters involving only the investment of the Foundation funds. The resolution and changes in the Foundation were discussed in our Investments Committee meeting this morning.

**DESIGNATION OF THE UNIVERSITY FOUNDATION AS  
PRIMARY FUNDRAISING AND GIFT RECEIPT ORGANIZATION**

Resolution No.

92-122

Synopsis: The Investments Committee recommended that The Ohio State University Foundation be designated the primary fundraising and gift receipt organization for the University in accordance with Resolution No. 92-5.

WHEREAS The Ohio State University Development Fund was created by the Board of Trustees of The Ohio State University in December 1937 to be the official agency for the solicitation and receipt of

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gifts to The Ohio State University; and

WHEREAS over the last 55 years the Development Fund has greatly benefited the University and been instrumental in the growth and success of the institution, and the University has been particularly well served by the many dedicated men and women who, as members of the Board of Directors and volunteers of the Fund, have given their time, talent, and energy in support of the University; and

WHEREAS in December 1984, the Board of Trustees authorized the establishment of The Ohio State University Foundation as a nonprofit corporation to advance the interest of the University by conducting and supporting activities which benefit or carry out the purposes of the University; and

WHEREAS in July 1991, the Board of Trustees adopted recommendations for the reorganization and realignment of The Ohio State University Foundation to enhance the Foundation's effectiveness in promoting the best interest of the University and ensure the effective coordination between the Foundation and the Board of Trustees; and

WHEREAS appropriate changes to the Articles of Incorporation and Code of Regulations of the Foundation now have been adopted by the required votes of the Foundation's Board of Directors, to be effective immediately, to make the Foundation the primary fundraising and gift receipt organization for the University:

NOW THEREFORE

BE IT RESOLVED, That The Ohio State University Foundation is hereby designated as the primary fundraising and gift receipt organization for the University and will perform those functions in accordance with the revised Articles of Incorporation and Code of Regulations of the Foundation; and

BE IT FURTHER RESOLVED, That The Ohio State University Development Fund will continue as a gift receipt organization for gifts to The Ohio State University; and

BE IT FURTHER RESOLVED, That two members of the Foundation Board of Directors, appointed in accordance with the revised Regulations of the Foundation, shall be ex-officio members of the Board of Trustees Investments Committee, with full power to vote on any matter respecting the management and investment of Foundation funds; and

BE IT FURTHER RESOLVED, That the Articles of Incorporation and the Code of Regulations of the Foundation as amended and as set forth in Attachment A are hereby approved.

Upon motion of Amb. Wolf, seconded by Mr. Shumate, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix LXIX for background information, page 1163.)

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### **FISCAL AFFAIRS COMMITTEE REPORT**

Mr. Shumate:

The Fiscal Affairs Committee met this morning and Vice President Shkurti presented an update on the FY 1992 budget. Mr. Shkurti reported that the University has already absorbed a reduction of \$18 million in state aid for this year. Mr. Shkurti also reported

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on the status of state funding for the next year, FY 1993.

The University is preparing for a variety of scenarios for reduction in state aid. Scenarios ranging from 3 percent to 23 percent in possible reductions. The impact of these reductions would fall primarily on the University's work force. For example, a reduction of 15 percent in state support would cause the elimination of more than 1,000 jobs on the Columbus campus alone.

Mr. Shkurti, would you like to add anything to this report?

Mr. Shkurti:

Thank you, Mr. Shumate. I think it's important to point out that it has been the University's policy, through what now will begin the third year of budget cuts, to not embellish or otherwise exaggerate the impact of the budget cuts on the University or what the numbers mean. We will continue to be consistent with that as a public institution in Ohio.

On the other hand, I think it is vitally important that as officials of the University, we let you, the Board, and the public know exactly what is in store, as best we can, regarding the impact of possible budget cuts. Now the state had not made a decision yet on how it will deal with its budget problems for the fiscal year beginning July 1, 1992. There are a variety of scenarios out there and we are preparing for them.

One of the most common scenarios that the state is looking at would result in a 15 percent reduction in Ohio State University's state support from what was originally appropriated for the next fiscal year. That would cost the University \$41 million, by our estimates. That translates to the loss of approximately 1,000 jobs. Now those are positions, not people. Some of those positions are vacant and that is how we would hope to manage these reductions. Layoffs would result from a job reduction of that size of an unknown amount, but they would result. That would be on top of the 360 positions that were eliminated from the round of budget cuts we took last year.

The impact on the University, in terms of our programs and services we offer our students and the community, would be severe. It is also important to realize that it would have an impact on the economy of Central Ohio and the State of Ohio. The Ohio State University is the second largest employer in Central Ohio. Our employees pay \$28 million annually in state and local income taxes. If the 1,000 positions are abolished and not filled, that is 1,000 less people paying taxes, that is 1,000 people less shopping in area stores and supermarkets, and that is 1,000 less people looking for better apartments and homes.

The University will be prepared to do whatever it takes to meet our budget cut requirements as they come down from the state. We will protect the academic core in doing that, but I don't think there should be any illusions that what the state does will not be without cost to the University, to its mission and without cost to the State of Ohio.

Mr. Wexner:

I think -- maybe not with just the Trustee hat on, but as a resident of Central Ohio -- that we should reach out to the Central Ohio community, the Central Ohio Chamber of Commerce, and other organizations and institutions. There would be dancing in the

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streets if an employer came to this city and created a 1,000 jobs of the caliber that we're talking about eliminating. Forget about the role of the University in the academic, intellectual stimulation to the State. I don't think the Mayor and Legislators in Central Ohio recognize the impact of 1,000 people unemployed and the leveraging -- there is a multiplying effect on Central Ohio. I think it's a potential disaster.

Mr. Teaford:

Thank you. Mr. Shumate, would you please continue.

Mr. Shumate:

Let me begin, on behalf of the Board, by welcoming our new Vice President for Business and Administration, Janet Pichette, to her first Board of Trustees meeting. The following resolutions are proposed:

**WAIVERS OF COMPETITIVE BIDDING REQUIREMENTS  
JANUARY - MARCH 1992**

Resolution No. 92-123

Synopsis: Acceptance of the quarterly report on waivers of competitive bidding requirements is proposed.

WHEREAS the Purchasing Policy of The Ohio State University, adopted by the Board of Trustees on September 7, 1984, and revised on February 7, 1992, provides that the President and/or Vice President for Business and Administration may grant a waiver from competitive bidding in the event of an emergency, when a sufficient economic reason exists, or when the goods or services can be purchased from only a single source, with a report on such waivers to be made quarterly to this Board; and

WHEREAS the Vice President for Business and Administration has submitted a report on waivers of competitive bidding requirements granted for the period of January-March 1992:

NOW THEREFORE

BE IT RESOLVED, That the report on waivers of competitive bidding requirements for the period of January-March 1992 is hereby accepted.

Upon motion of Mr. Shumate, seconded by Mr. Celeste, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**SALE OF REAL PROPERTY**

Resolution No. 92-124

67.26 ACRES IN GALLIA COUNTY

Synopsis: The Fiscal Affairs Committee recommended the sale of approximately 67 acres of unimproved real property located in Morgan Township of Gallia County.  
WHEREAS in December 1986, the Board of Trustees acquired by gift from Vaughn and Frieda

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Siegenthaler approximately 67.26 acres of unimproved real property located in Morgan Township of Gallia County, Ohio; and

WHEREAS under the terms of the gift, the property is to be sold, with the net proceeds used to support the College of Agriculture; and

WHEREAS the appraised value of this property is \$17,000.00, and Richard E. and Alice M. Lytle of Toledo, Ohio, have offered to purchase the property, including mineral rights, for \$18,000.00; and

WHEREAS the appropriate University offices have determined that this sale of property is in the best interest of the University, and it is the desire of this Board to accept this offer and sell all of the University's right, title, and interest in this property:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized, in the name of the Board of Trustees, to sell all of the University's right, title, and interest in this property to Richard E. and Alice M. Lytle at a price of \$18,000.00 upon such terms and conditions as are deemed to be in the best interest of the University.

Upon motion of Mr. Shumate, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix LXX for background material and map, page 1199.)

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**LEASE OF LAND AND BUILDING SPACE TO  
THE OHIO STATE UNIVERSITY ALUMNI ASSOCIATION**

Resolution No. 92-125

Synopsis: The Fiscal Affairs Committee recommended the long-term lease of land and building space to The Ohio State University Alumni Association.

WHEREAS The Ohio State University is deeply appreciative of the support, dedication, loyalty, promotion, service, and advocacy provided to the University by The Ohio State University Alumni Association; and

WHEREAS in recognition of and to foster this special relationship between the University and the Association, the University has provided and desires to continue to provide space on the campus for the Association to carry out its business activities; and

WHEREAS the Association has outgrown its facilities in the Fawcett Center for Tomorrow and in December 1990 the Board of Trustees authorized the employment of architects and the request for construction bids for the design and construction of an addition to the Fawcett Center for Tomorrow and the renovation of the existing Alumni House in the east wing of the Fawcett Center to provide additional space and an integrated facility to meet the current and future needs of the Association; and

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WHEREAS the capital costs of this project will be funded by the Association, with the facilities to be owned by the University and occupied by the Association under a long-term lease as outlined in the accompanying background information; and

WHEREAS the appropriate University offices have determined that this long-term lease is in the best interest of the University:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized, in the name of the Board of Trustees, to negotiate and enter into a long-term lease to The Ohio State University Alumni Association of the existing space in the Fawcett Center occupied by the Association and land and building space for an addition, upon the terms as outlined in the accompanying background information and upon such other terms and conditions as are deemed to be in the best interest of the University.

Upon motion of Mr. Shumate, seconded by Mr. Kessler, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix LXXI for background material, page 1203.)

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**EASEMENT**

Resolution No. 92-126

**THE OHIO POWER COMPANY  
NEWARK CAMPUS**

Synopsis: Authorization to grant an easement for electric service to the Ohio Power Company on University property located on the Newark Campus is proposed.

WHEREAS the Ohio Power Company has requested a 15-year easement consisting of a strip of land approximately 15 feet in width and 1,575 feet in length for the installation of underground electric service to the Central Ohio Technical College building at the Newark Campus; and

WHEREAS the appropriate University offices have recommended that this easement be granted:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to request the Deputy Director of Public Works of the Department of Administrative Services to act for and on behalf of the University in developing the necessary legal instruments to provide for this easement.

Upon motion of Mr. Shumate, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix LXXII for map, page 1205.)

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**EASEMENT**

Resolution No. 92-127

**YODER LANDS, INC. ACCESS TO LEACH FIELD  
AT GWYNNE FARMS**

Synopsis: Authorization to grant an easement to Yoder Lands, Inc. for access to the leach field at 1570 State Route 38 Northeast, London, Ohio, is proposed.

WHEREAS Yoder Lands, Inc. has requested the granting of a 25-year easement consisting of a strip of land approximately ten feet in width and 450 feet in length for access to the leach field located north of and adjacent to the Molly Caren Agricultural Center at the Gwynne Farms; and

WHEREAS this leach field serves Mr. Yoder's residence and the University will receive in-kind payment from Mr. Yoder by having access to and use of the lane to his residence, allowing the University convenient access to its fields in the area; and

WHEREAS the appropriate University offices have recommended the approval of this easement:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to request the Deputy Director of Public Works of the Department of Administrative Services, pursuant to his statutory duties, to act for and on behalf of the University in developing the necessary legal instruments to provide for this easement.

Upon motion of Mr. Shumate, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix LXXIII for map, page 1207.)

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Ms. Pichette:

The picture that you see before you is what the work of art looks like. The action before you, again, today is the deaccession of the work of art known as Isolt and Erwin Frey was the sculptor.

The sculptor's widow was trying at the time of her death to reassemble all of his works of art and the estate now, in her name, has been continuing that work, and contacted the University when someone informed them that we had this work of art. Upon research, it was discovered that the University may not have had clear ownership of the sculpture. So we believe it is the proper thing at this time to return it to the estate.

Robert Stearns, Executive Director of the Wexner Center, is here and could give you any background. If you have don't have any questions, I will ask for your approval.

Mr. Shumate:

Robert, would you like to address the Committee on this subject?

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Mr. Robert Stearns:

Thank you. I would like to address the Board, not because there is really any question in our mind that this is the appropriate thing to do, but because I believe this is the first time that the deaccessioning of a work of art has come before the Trustees. It is appropriate for the Trustees of the University to understand the relationship with objects in its collections, whether they are any where on campus or in the Wexner Center for the Arts, ultimately as guardians of those objects of art.

I would like just to briefly define the words that we are using. A museum may acquire a work of art by buying it, but it accessions the work to its collection when it identifies it with a particular catalogue number and determines that that work of art is thoroughly known and understood to be what it is understood to be. All research has been done, ownership is clear and understood, and the sale or transfer or gift of deed of the work to the museum is clearly outlined by documents.

Now the reason that this is important is more because when a museum proceeds to deaccession a work of art, equally or even more rigorous work must be done to determine that this action is being taken carefully. Deaccession is the removal of a work of art from the collection of a museum. Then once it is deaccessioned and the collection number is removed from it, it may then be disposed of, which is to say be given away or be sold. So the words like acquire, accession and deaccession, and dispose of have very specific meanings.

There are very particular guidelines which professional practices in museums prescribe to staffs and to boards of trustees, which I would like to submit more to the record of this Committee and to the Board of Trustees for further study on the subject of deaccessioning so that that is understood. In the future, we expect that we probably will deaccession works from the collection for the purpose of raising funds to purchase new works to focus the purposes of the collection for study and exhibition. So it will be important in the future to understand exactly what the details of this process are.

Mr. Shumate:

What is the actual size of this piece of art?

Mr. Stearns:

It is approximately 60 inches high, about 5 feet.

Mr. Shumate:

Out of curiosity, is there an estimated value?

Mr. Stearns:

The only estimated value that I have was given about 20 to 25 years ago, was approximately \$3,000.00.

Mr. Shumate:

So you would be recommending to the Board through our Vice President any

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procedures and policies that we should follow in this area?

Mr. Stearns:

What we need from the Board of Trustees is an agreement to allow the return of this work -- the deaccessioning of the work and the return of it to the family of the artist, who is the widow that we are speaking of.

Mr. Shumate:

Right, that is our specific action today. But looking prospectively, one of my questions is what would we have done differently or should we have done differently at the time of the original transaction for future action by the Board?

Mr. Stearns:

Exactly. What should happen is that a work would come into the collection through the recommendation of my professional staff and me to you, as a Board, and a transaction of sale, purchase, or gift is executed. This was not done in this particular case. It was considered to be abandoned property and no one knew who it belonged to. About 20 years ago someone gave it a number and accessioned it to the collection without sufficient research.

Mr. Shumate:

OK. Any other questions?

#### **DEACCESSION OF THE SCULPTURE ISOLT**

Resolution No. 92-128

Synopsis: The Fiscal Affairs Committee recommended the deaccession of the sculpture Isolt, by Erwin Frey, from the permanent collection of the Wexner Center for the Arts.

WHEREAS the sculpture Isolt (1933), created by Erwin Frey, has been in the possession of The Ohio State University since at least 1960, when it was catalogued and added to the University's permanent collection; and

WHEREAS before 1960 the sculpture had been on loan by the artist to the Ohio Historical Society and remained a part of the University's collection after the Ohio Historical Society relocated off campus; and

WHEREAS the University's acquisition of this work and the accession of the work as a part of the University's permanent collection were made without sufficient information and documentation; and

WHEREAS the Estate of Mrs. Erwin Frey has asserted ownership of the sculpture and requested its return; and

WHEREAS the appropriate University offices have determined that such deaccession is in the best interest of the University:

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NOW THEREFORE

BE IT RESOLVED, That the sculpture Isolt (1933, Georgia marble, by Erwin Frey) be deaccessioned from the University's permanent collection; that the University is hereby authorized to relinquish and transfer to the Estate of Grace Frey all of the University's right, title, and interest in this work; and that the Vice President for Business and Administration, in consultation with the Director of the Wexner Center for the Arts, be authorized to negotiate and execute any agreements or other documents necessary to effect this deaccession and transfer.

Upon motion of Mr. Shumate, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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President Gee:

As all of you know, today is Joel's last day of service as Chairman of our Board and may well be his last day of service as a member of our Board, because his term is completed as of this month. As I indicated to you before, he has been a remarkable servant of the University, a truly dedicated Trustee of the institution, and has served it very well as its Chairman. I can say that having had the pleasure of serving with him over this past year.

Joel, on behalf of your colleagues and, certainly, on behalf of the whole University family that you have so entitled, so empowered, and so graced, we present to you a very small token of our appreciation -- a gavel made from wood that was part of the original University Hall, indicating your service on the Board and your chairmanship.

I would also like to say that I see Mrs. Teaford in the back, soon to be Dr. Teaford. Meg, we would like you to stand and also be recognized at this time.

Mr. Teaford:

Thank you, Mr. President. Of course, I cannot resist one last chance to say a few things. I very much want to express my appreciation to this Board. I have over these nine years seen this Board grow into a vital institution which is greatly, I think, serving this University. The broad support and involvement that I had from all of you this year was indeed appreciated by me and makes me leaving happy in the knowledge that this Board will continue to lead this University in a very great way.

I cannot resist one last admission as we have to deal with these awful budget cuts, which the President recently so well characterized. It is essential we protect the core of this University. But in 1992, in a land-grant institution it is also essential that we appreciate that part of the core which is affirmative action. We can look around the fringes of our table and see that there is a real commitment on the part of this University to affirmative action, as we look at our vice presidents. And I know that that is where the President's heart is, but we must remember that we cannot go forward without demonstrating that an educational institution holds as one of its highest obligations access for all of this country's citizens.

I also want to thank soon-to-be Dr. Teaford for her support to me in this job. And I thank you all for your friendship and your support. Thank you.

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May 1, 1992 meeting, Board of Trustees

**REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO**

Resolution No. 92-129

RESOLVED, That the report on the University's Investment Portfolio, dated April 17, 1992, as submitted to the Investments Committee of the Board of Trustees, be received and filed with the official records of the Board.

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**REPORT - UNIVERSITY'S ENDOWMENT FUND  
QUARTERLY REPORT**

Resolution No. 92-130

RESOLVED, That the quarterly report on the University's Endowment Fund, dated March 31, 1992, as submitted to the Investments Committee of the Board of Trustees, be received and filed with the official records of the Board.

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**THIRD QUARTER REPORT -  
1991-92 CURRENT FUNDS BUDGET**

Resolution No. 92-131

RESOLVED, That the third quarter report on the 1991-92 Current Funds Budget, dated May 1, 1992, as submitted to the Fiscal Affairs Committee of the Board of Trustees, be received and filed with the official records of the Board.

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Thereupon the Board adjourned to meet Friday, June 5, 1992, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio.

Attest:

Madison H. Scott  
Secretary

Hamilton J. Teaford  
Chairman

THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND TWO HUNDRED AND EIGHTY-THIRD MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, June 5, 1992

The Board of Trustees met at its regular monthly meeting on Friday, June 5, 1992, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

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Minutes of the last meeting were approved.

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June 5, 1992 meeting, Board of Trustees

The Chairman, Mr. Barone, called the meeting of the Board of Trustees to order on June 5, 1992, at 11:40 a.m. He requested the Secretary to call the roll.

Present: John J. Barone, Chairman, Deborah E. Casto, John W. Kessler, Milton A. Wolf, Alex Shumate, Theodore S. Celeste, Michael F. Colley, George A. Skestos, and Kristen Cusack.

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### **INTRODUCTION OF NEW TRUSTEE**

Mr. Barone:

I am very pleased to have the opportunity to officially welcome George Skestos as the newest member of The Ohio State University Board of Trustees. He is replacing Hamilton J. Teaford, for a term beginning May 14, 1992, and ending May 13, 2001.

Mr. Skestos is the founder and owner of the Homewood Corporation here in Columbus, Ohio. George has been very active in community and civic organizations over the years and he will be, I am sure, a tremendous asset to our Board.

Please join me in welcoming Mr. George Skestos. We look forward to working with you.

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### **COMMITTEE APPOINTMENTS 1992-1993**

Resolution No. 92-132

WHEREAS the appointments to Committees and representatives to the Research Foundation Board of Directors, the Inter-University Council, the University Hospitals Board, The Arthur G. James Cancer Hospital and Research Institute Trustee Liaison, the Ohio State University Affiliates, Inc., Board of Directors, the Ad Hoc Committee on Planning, and the University Foundation for 1992-93 are as follows:

Educational Affairs	John W. Kessler, Chair Theodore S. Celeste, Vice Chair Alex Shumate George A. Skestos
Investments Committee	Milton A. Wolf, Chair Theodore S. Celeste, Vice Chair John W. Kessler George A. Skestos
Standing Committee on Agricultural Affairs	Michael F. Colley, Chair Fred L. Dailey, Vice Chair, Ex Officio Alex Shumate George A. Skestos
Student Affairs	Kristen Cusack, Chair Deborah E. Casto, Vice Chair New Student Trustee

June 5, 1992 meeting, Board of Trustees

**COMMITTEE APPOINTMENTS 1992-1993 (contd)**

Fiscal Affairs	Alex Shumate, Chair Michael F. Colley, Vice Chair Deborah E. Casto
Personnel Committee	John J. Barone, Chair Deborah E. Casto, Vice Chair John W. Kessler
Inter-University Council	George A. Skestos
Research Foundation Board of Directors	Theodore S. Celeste
University Hospitals Board	Theodore S. Celeste Milton A. Wolf
The Arthur G. James Cancer Hospital and Research Institute Trustee Liaison	John W. Kessler, Chair John J. Barone
Ohio State University Affiliates, Inc.	John J. Barone (term 1 year) Deborah E. Casto (term 2 years) John W. Kessler (term 3 years)
Ad Hoc Committee on Planning*	Leslie H. Wexner, Chair Deborah E. Casto, Vice Chair Alex Shumate Michael F. Colley
University Foundation Ex Officio Class of Directors	John J. Barone (term 1 year) John W. Kessler (term 2 years) Alex Shumate (term 3 years)

\*Serves as Board of Trustee's interface with the University's Planning Committee.

Upon motion of Ms. Casto, seconded by Mr. Shumate, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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Mr. Barone:

I would like to call Ms. Anita S. Ward, Vice Chairman of the Board of Regents, for a presentation concerning the Research Challenge Award.

Ms. Anita S. Ward:

Thank you, very much. I am delighted to be here with you today on this exciting occasion. Before handing over the check, you are going to be a captive audience for a few minutes -- I have a few remarks to make.

June 5, 1992 meeting, Board of Trustees

Ms. Anita S. Ward: (contd)

I am sure as you all know, the Research Challenge Program is designed to strengthen the research infrastructure of Ohio's universities in a number of ways.

1. It increases the ability of Ohio universities to attract external research dollars.
2. It encourages the universities to conduct strategic research projects likely to have a direct impact on Ohio's economy.
3. It nurtures the development of multi-disciplinary team research efforts that often result in creative, innovative new approaches to investigations with the potential to produce breakthrough scientific discoveries.

The most recent university reports to the Board of Regents have demonstrated that Research Challenge is remarkably effective in achieving these objectives.

As a result of investments through Research Challenge, the amount of externally funded research coming to Ohio universities is increasing significantly. The universities have recently reported on sponsored research for the biennium (FY 1989-91). That funding, for basic and applied research only, totaled over \$650.5 million of externally funded university research brought to Ohio. That's more than an 18 percent increase over the prior biennium, and an increase of over 69 percent since the inception of the Program.

Research Challenge has been highly effective in stimulating research at The Ohio State University. During the last biennium the University attracted over \$200 million of external research. Over the four biennia of Research Challenge support, OSU has brought in almost \$700 million in external funding for basic and applied research.

These numbers speak to the highly effective leveraging ability of the Research Challenge Program.

There is a direct link between expanded research activity and Ohio's quest to gain a "fair share" of federal funds returned to the states. The federal government is the single largest sponsor of university research. The Research Challenge Program has proven effective in increasing Ohio's share of federal research dollars.

In addition, the research performed is critically connected to economic growth for Ohio, through the development of new technology and the high quality jobs that result from these discoveries. Industry and business cannot thrive in the age of technology without the expertise and leading-edge knowledge created through university research. The research industry itself is providing high quality jobs for thousands of Ohioans, including a significant number in Central Ohio. The transfer of new technology into new "spin-off" business ventures also creates more high-quality jobs and contributes to Ohio's economic recovery and growth.

Especially now, research investments need to be sustained. These investments have demonstrated an immediate return rate of five to seven times the state investment and will continue to build even greater returns for Ohio over time.

It is my pleasure to present to you today a check in the amount of \$566,104.00. For the biennium, your total share is \$1,324,582.00. My congratulations.

June 5, 1992 meeting, Board of Trustees

President Gee:

You might have noticed that I leaped immediately to receive that check and it is going right in the bank as we speak. Given the rescissory nature with which we are dealing, we wanted to make sure that we cash the check as quickly as possible.

I would note to you and your colleagues on the Board of Regents that it is with deep personal pleasure that we accept this check. I would also note that those are truly figures of worth. This University alone has brought in well over \$700 million of sponsored research from outside the State, which has created thousands of jobs and thousands of opportunities for young, and not so young, people in this State. And, indeed, we are a university that is nearly bringing in as much external funding as we receive in state-support now. A trend that we don't necessarily take pride in, but one that we take pride in from the point of view of the quality of our faculty and what they are accomplishing. Thank you, for coming and doing that today.

I joked with Anita, by the way, that I was going to quickly grab the check. I kept looking over her shoulder. The kid that won the "Gordon Gee Look-alike Contest" this year told a joke which was a little on the aside. Of course, I would never repeat this, but I will do it here among friends. He said, "What did the President of the University of Michigan get on his S.A.T.? Saliva!!" And in this instance, that is exactly what I was doing -- salivating over that check. We do appreciate it. Thank you, very much, Anita.

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#### **PRESIDENT'S REPORT**

President Gee:

The close of the academic year, as you well know, is a time of recognition and reflection. This past month, we have gathered at receptions and banquets, luncheons and concerts, to celebrate the people of this university who have made significant contributions to its quality and character.

From the Distinguished Affirmative Action Awards in early May to the Graduate Teaching Awards being presented in classrooms yesterday and today, we have honored people for citizenship, for leadership, and for remarkable achievements. Allow me, therefore, to highlight a few of the recipients who are representative of our outstanding university colleagues.

Paula Hunter, a records management officer, received the Edith Cockins Award as the outstanding staff person in the Office of the Registrar, for her exceptional dedication in serving our students.

The Office for Disability Services honored 75 individuals and organizations for the time they have given to the Reader Services Program, reading textbooks on to tape, and giving assistance with testing and tutoring.

At a Celebration of University Leadership, nearly 275 students were recognized for their good work in organizations, activities, and programs. Among them is Leslie White, a sophomore in University College, who received the Wendell Ellenwood Scholarship for her work with the Student Events Committee, a Black Student Leadership Award for

June 5, 1992 meeting, Board of Trustees

Personal Achievement, and a Presidential Leadership Citation.

I might note also that Kristen Cusack, who sits on this Board, was recognized with a service award at the Greek Honors Banquet for her campus leadership, as well as her service to her sorority, Chi Omega. Kristen also invited me to have dinner and we both made it through.

David Tonnies received a Presidential Leadership Citation at the Celebration of University Leadership.

And, Trustee Leslie Wexner received the W. Arthur Cullman Executive Award at the 1992 Cullman Symposium. This year's symposium focused on new techniques for revitalizing American industry and was enormously successful.

The university community came together for a very different type of celebration in May, as 70,000 of my closest friends joined me -- and several of you -- for the Genesis concert in the stadium -- a happening of truly Biblical proportions. I do not know if Debbie Casto's hearing has fully returned, as she was "rocking and rolling" right in front of those mammoth speakers!

As the year draws to a close, I am reminded of the rhythm of an academic institution: next week, we will say goodbye to some 5,000 graduates; in two weeks, we will begin welcoming next year's freshmen and their parents for summer orientation; and today, this Board acts on two new leaders for our university family.

First, Professor Jerelyn B. Schultz will be with us in August as Dean of the College of Human Ecology. She comes to us from the University of Arizona and is a distinguished scholar and leader in family life education. Also on today's agenda for your approval is Professor William Anderson of the University of Minnesota who, I believe, will give very dynamic leadership to the Agricultural Technical Institute at Wooster.

Speaking of Wooster, I have just returned from another of my barn-storming tours which included a visit to Wooster High School and to the Rubbermaid Corporate Offices and Plant, also in Wooster. In only three days, I visited: one radio station, two farms and two high schools, three newspapers, four manufacturing plants, five alumni gatherings, six elected officials, nine Ohio counties -- and a partridge in a pear tree.

I met people on an organic farm, in the world's largest food manufacturing plant -- the Campbell's soup plant in Napoleon, Ohio -- over an Amish-style dinner in Holmes County, and at an alumni gathering held in a nursing home in Upper Sandusky! I spoke to audiences totaling more than one thousand people: prospective students and their parents, alumni and friends, chamber of commerce and community leaders, county extension staffs, secondary education administrators, and Hispanic community leaders. Visits such as this most recent one have proven very important and beneficial, as we listen to the concerns of Ohioans and as we tell them more about Ohio State.

June 5, 1992 meeting, Board of Trustees

Likewise, we have listened and learned from a group of African-Americans on the Columbus campus who raised questions about the progress -- or lack of progress -- of efforts to ensure equity and a quality experience for all at Ohio State University. As you are all aware, the university was presented with a series of demands claiming that the university had not kept faith with earlier promises.

I found that in some cases, they were right. I had an extraordinary meeting with a large group of African-Americans that proceeded late into the night. They had an opportunity to present their concerns to me, and I had an opportunity to respond. I feel that progress was made, and continues to be made.

Specifically, let me note that on the agenda today is the formal action changing the name of the Bradford Commons to the Frank W. Hale, Jr. Hall. Furthermore, the Office of Residence and Dining Halls is developing a proposal for an African-American Living Learning Center within the undergraduate residence halls on the Columbus campus. Based on the success of similar programs already in place that focus on women, the honors curriculum, agriculture, and cooperative living. This new program is being considered for a pilot effort as early as the coming academic year. Other issues are being examined by various university offices and officials.

We, as a university, have a responsibility to take claims of racism and inequity seriously, and to respond, I believe, appropriately. We must be clear in our objectives and firm in our determination to reach those objectives. We must be an institution of individuals who are sensitive to past wrongs, present aspirations, and future dreams. And we must ensure that each person has the opportunity to excel, advance, explore, and progress without the barriers of injustice, inequality, or intolerance.

I expect this university to be a leader in this regard. That continues to be both our aspiration and our effort.

Ohio State is able to assume such national and international leadership in a number of areas because of our very distinguished faculty.

I am delighted that this Board will today establish the Bank One Chair for Excellence in Corporate Strategy in our College of Business. Addressing multi-disciplinary issues in corporate strategic decisions, this Chair will help advance the growing reputation of the College of Business.

Finally -- and I might note in a somewhat lighter vein -- I was recently given some facts about this immense university that both amazed and amused me. I have been including some of these "fun facts" in my addresses as I have toured the state.

Consider this:

Ohio State each year burns nearly 33,000 tons of Ohio coal. We burn more than one million cubic feet of natural gas. We have the 43rd largest telephone company in the nation, placing 250,000 calls each day. We use more than 300,000 reams of white copy paper each year and empty 35,000 trash cans each day. There are 24,263 parking spaces on the Columbus campus -- but I can never find one when I

June 5, 1992 meeting, Board of Trustees

need it. And we use 33 tons of catsup, 53 tons of frozen potatoes, and more than one million boxes of cereal. By the way, the most preferred cereal is Captain Crunch.

On that important note, Mr. Chairman, I will close my report.

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### **FISCAL AFFAIRS COMMITTEE REPORT**

Mr. Shumate:

I would like to call your attention to the Tab marked Fiscal Affairs in our book. Note that this information was previously mailed to the members of the Board and fully considered this morning in the meeting of the Fiscal Affairs Committee. We began our committee meeting with a report from Vice President Pichette on the new travel office for the University. At this time, we would like to present the following resolutions:

#### **REQUEST FOR CONSTRUCTION BIDS**

Resolution No. 92-133

#### **SOUTH RESIDENCE HALLS - WINDOW REPLACEMENT**

Synopsis: The Fiscal Affairs Committee recommended authorization to request construction bids for the listed project.

WHEREAS the University desires to proceed with the replacement of windows, screens, and glass walls and associated trim and insulation in Baker Commons, Baker Hall, Bradford Commons, Bradley Hall, Canfield Hall, Kennedy Commons, Mack Hall, Morrison Tower, Park Hall, Paterson Hall, Siebert Hall, Smith Hall, Steeb Hall and Stradley Hall; and

WHEREAS the total estimated project cost is \$4,000,000.00, and the total estimated construction cost is \$3,600,000.00, with funding provided from University bond proceeds:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to request construction bids on this project in accordance with established University procedures, and if satisfactory bids are received, to award contracts, with all actions to be reported to this Board at the appropriate time.

Upon motion of Mr. Shumate, seconded by Ms. Casto, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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June 5, 1992 meeting, Board of Trustees

**EMPLOYMENT OF ARCHITECTS/ENGINEERS AND  
REQUEST FOR CONSTRUCTION BIDS**

Resolution No. 92-134

**OLENTANGY RIVER WETLANDS PROJECT  
DOAN HALL - 3 NORTH  
UNIVERSITY HOSPITALS EMERGENCY DEPARTMENT  
MEANS HALL THREE WEST  
DOAN HALL EIGHT EAST  
RHODES AND DOAN HALLS - ELEVATOR REPLACEMENT**

Synopsis: The Fiscal Affairs Committee recommended authorization to employ architects/engineers and request construction bids for the listed projects.

WHEREAS the University desires to proceed with construction of the initial phase of the Olentangy River Experimental Wetlands project on University land at 350 Dodridge Road adjacent to the Olentangy River; and

WHEREAS the initial phase of the project will construct two ponds with all associated pumping and outflow, with subsequent phases being accomplished as additional funding becomes available; and

WHEREAS the total estimated project cost for the initial phase is \$134,000.00, and the total estimated construction cost is \$113,606.00 and the University has received private donations to cover both the capital cost of phase one and the operating costs for three years; and

WHEREAS University Hospitals desire to relocate the Histology Laboratory suite from the third floor of Starling Loving Hall to the third floor of Doan Hall with renovation of approximately 2,800 square feet in the north wing of Doan Hall required to accommodate this move; and

WHEREAS the total estimated project cost is \$700,000.00, and the total estimated construction cost is \$560,000.00, with funding provided from University Hospitals; and

WHEREAS University Hospitals desire to renovate and reorient the Emergency Department; and

WHEREAS the total estimated project cost is \$1,250,000.00, and the total estimated construction cost is \$1,025,000.00, with funding provided from University bond proceeds; and

WHEREAS University Hospitals desire to renovate the third floor west of Means Hall to change the emphasis from patient care to medical laboratories and offices; and

WHEREAS the total estimated project cost is \$450,000.00, and the total estimated construction cost is \$360,000.00, with funding provided from University Hospitals; and

WHEREAS University Hospitals desire to renovate space on the eighth floor in Doan Hall to house the relocation of the EEG facilities and Pulmonary Function/Bronchoscopy from Means Hall; and

WHEREAS the total estimated project cost is \$450,000.00, and the total estimated construction cost is \$360,000.00, with funding provided from University Hospitals; and

WHEREAS University Hospitals desire to renovate four existing passenger elevators in Doan Hall, replace electronic controls on the main elevator bank in Rhodes Hall, and install one new elevator in an empty shaft in Rhodes Hall; and

June 5, 1992 meeting, Board of Trustees

**EMPLOYMENT OF ARCHITECTS/ENGINEERS AND  
REQUEST FOR CONSTRUCTION BIDS (contd)**

OLENTANGY RIVER WETLANDS PROJECT  
DOAN HALL - 3 NORTH  
UNIVERSITY HOSPITALS EMERGENCY DEPARTMENT  
MEANS HALL THREE WEST  
DOAN HALL EIGHT EAST  
RHODES AND DOAN HALLS - ELEVATOR REPLACEMENT (contd)

WHEREAS the total estimated project cost is \$1,000,000.00, and the total estimated construction cost is \$820,000.00, with funding provided from University bond proceeds:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to select qualified architectural/engineering firms as necessary for these projects and that the fees for these services be negotiated between the firms selected and The Ohio State University; and

BE IT FURTHER RESOLVED, That the President and/or Vice President for Business and Administration be authorized to request construction bids on these projects in accordance with established University procedures, and if satisfactory bids are received, to award contracts, with all actions to be reported to this Board at the appropriate time.

Upon motion of Mr. Shumate, seconded by Mr. Kessler, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix LXXV for map, page 1323.)

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**EMPLOYMENT OF ARCHITECTS/ENGINEERS**

Resolution No. 92-135

OARDC - CENTRAL CAMPUS AND GOURLEY HALL ELECTRIC UPGRADE  
MANSFIELD REGIONAL CAMPUS - UNIVERSITY DRIVE RESTORATION  
MANSFIELD REGIONAL CAMPUS - EISENHOWER CENTER BOILER SYSTEM  
MANSFIELD REGIONAL CAMPUS - PHYSICAL ACTIVITIES CENTER ROOF  
BASEBALL STADIUM

Synopsis: The Fiscal Affairs Committee recommended authorization to employ architects/engineers for the listed projects.

WHEREAS the University desires to proceed with design of additional electrical capacity to meet current codes on the OARDC campus; and

WHEREAS the total estimated project cost is \$165,000.00, and the total estimated construction cost is \$138,000, with funding for design (\$15,000.00) provided from House Bill 808 and funding for construction anticipated in the next capital appropriations bill; and

June 5, 1992 meeting, Board of Trustees

WHEREAS the University desires to proceed with design to restore the deteriorated University Drive on the Mansfield Regional Campus; and

WHEREAS the total estimated project cost is \$139,940.00, and the total estimated construction cost is \$122,200.00, with funding for design (\$10,000.00) provided from House Bill 808 and funding for construction anticipated in the next capital appropriations bill; and

WHEREAS the University desires to proceed with design of the replacement of two failing boilers and associated pumps and recovery tanks in the Eisenhower Memorial Center on the Mansfield Regional Campus; and

WHEREAS the total estimated project cost is \$96,000.00, and the total estimated construction cost is \$83,190.00, with funding for design (\$7,500.00) provided from House Bill 808 and funding for construction anticipated in the next capital appropriations bill; and

WHEREAS the University desires to proceed with design of replacement of the deteriorated roof on the Physical Activities Center on the Mansfield Regional Campus; and

WHEREAS the total estimated project cost is \$31,000.00, and the total estimated construction cost is \$28,200.00, with funding for design (\$1,000.00) provided from House Bill 808 and funding for construction anticipated in the next capital appropriations bill; and

WHEREAS the Department of Athletics desires to proceed with design of a 2,500 seat baseball stadium, including pressbox, locker rooms, concession and vending areas, security, first aid areas, and dugouts, to be located at an existing baseball field south of the Woody Hayes Athletic Facility; and

WHEREAS the total estimated project cost is \$3,000,000.00, and the total estimated construction cost is \$2,200,000.00, with funding for design (\$100,000.00) provided from the Department of Athletics and funding for construction to be provided from the Department of Athletics and private donations:

NOW THEREFORE BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to select qualified architectural/engineering firms as necessary for these projects and that the fees for these services be negotiated between the firms selected and The Ohio State University.

Upon motion of Mr. Shumate, seconded by Mr. Kessler, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix LXXVI for maps, page 1325.)

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June 5, 1992 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS**

Resolution No. 92-136

EXTERIOR LIGHTING  
MCCRACKEN POWER PLANT - WATER TREATMENT FACILITIES  
MECHANICAL IMPROVEMENTS (ORTON HALL LIBRARY)  
AGRICULTURAL ADMINISTRATION BUILDING ASBESTOS ABATEMENT  
NORTH STAR BUILDING ADDITION  
MANSFIELD REGIONAL CAMPUS - CONCRETE REPLACEMENT (OVALWOOD HALL)  
MANSFIELD REGIONAL CAMPUS - BROMFIELD HALL FACING  
MIRROR LAKE HOLLOW RENOVATIONS  
HERRICK DRIVE - ROAD RESURFACING  
ANIMAL SCIENCE BUILDING - ROOFTOP CHILLER REPLACEMENT  
OARDC - NORTHWESTERN BRANCH OFFICE AND STORAGE IMPROVEMENTS  
POSTLE HALL - ANIMAL FACILITY  
NEWARK REGIONAL CAMPUS - GROUNDS IMPROVEMENTS

Synopsis: Approval of the Report of Award of Contracts and the Establishment of Contingency Funds for the listed projects is recommended.

WHEREAS resolutions adopted by the Board of Trustees on May 4, 1989, September 7, 1990, October 5, 1990, and October 3, 1991 authorized the President and/or Vice President for Business and Administration to request construction bids in accordance with established State of Ohio and University procedures, and if satisfactory bids were received to award contracts for the following projects: Exterior Lighting, McCracken Power Plant - Water Treatment Facilities, Mechanical Improvements (Orton Hall Library), Agricultural Administration Building Asbestos Abatement, North Star Building Addition, Mansfield Regional Campus - Concrete Replacement (Ovalwood Hall), Mansfield Regional Campus - Bromfield Hall Facing, Mirror Lake Hollow Renovations, Herrick Drive - Road Resurfacing, Animal Science Building - Rooftop Chiller Replacement, and OARDC - Northwestern Branch Office and Storage Improvements; and

WHEREAS resolutions adopted by the Board of Trustees on October 5, 1990 authorized the President and/or Vice President for Business and Administration to request construction bids in accordance with established University and State of Ohio procedures, and if satisfactory bids were received to recommend the award of contracts for the following projects: Postle Hall - Animal Facility and Newark (Regional Campus) - Grounds Improvements.

NOW THEREFORE

BE IT RESOLVED, That pursuant to the actions previously authorized by this Board, the Report of Award of Contracts and Establishment of Contingency funds for these projects is hereby approved.

Upon motion of Mr. Celeste, seconded by Amb. Wolf, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix LXXVII for background material and maps, page 1329.)

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June 5, 1992 meeting, Board of Trustees

**EASEMENT**

Resolution No. 92-137

**UNITED TELEPHONE SYSTEM  
MANSFIELD CAMPUS**

Synopsis: Authorization to grant an easement to the United Telephone System for the installation of fiber optic cable on University property located on the Mansfield Regional Campus along State Route 39 and immediate vicinity is proposed.

WHEREAS the United Telephone System has requested a 15-year easement consisting of a strip of land approximately 16 1/2 feet in width and approximately 871 feet in length, a second strip of land approximately ten feet in width and 425 feet in length, and a third strip of land approximately 16 1/2 feet in width and 859 feet in length, all for the installation of underground fiber optic cable at the Mansfield Regional Campus along State Route 39 and the immediate vicinity; and

WHEREAS this easement will serve private property, but the University will have access to tap into the fiber optic cable if the Mansfield Regional Campus determine the need for a local area network; and

WHEREAS the approximate University offices have recommended that this easement be granted:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to request the Deputy Director of Public Works of the Department of Administrative Services to act for and on behalf of the University in developing the necessary legal instruments to provide for this easement.

Upon motion of Mr. Shumate, seconded by Mr. Celeste, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix LXXVIII for map, page 1357.)

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**PURCHASE OF REAL PROPERTY**

Resolution No. 92-138

**206 WEST TENTH AVENUE  
COLUMBUS, OHIO**

Synopsis: The Fiscal Affairs Committee recommended the authorization to purchase the improved real property located at 206 West Tenth Avenue in Columbus, Ohio.

WHEREAS The Ohio State University has been presented with an opportunity to purchase the improved real property located at 206 West Tenth Avenue in Columbus, Ohio; and

WHEREAS this property has an appraised value of from \$135,000.00 to \$150,000.00 and the owner, Robert A. Smith of Columbus, has offered to sell the property to the University for \$148,000.00; and

June 5, 1992 meeting, Board of Trustees

**PURCHASE OF REAL PROPERTY (contd)**

206 WEST TENTH AVENUE  
COLUMBUS, OHIO (contd)

WHEREAS this property is located within the south campus acquisition line of the University's Master Plan and the appropriate University offices have determined that the purchase of this property is in the best interest of the University; and

WHEREAS funds for the purchase will be provided from general University funds in the Land Acquisition Account:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to purchase, in the name of the State of Ohio for the use of The Ohio State University, the improved real property located at 206 West Tenth Avenue at a price not to exceed \$148,000.00 upon such terms and conditions as are deemed to be in the best interest of the University, subject to the University receiving the necessary approvals from the Ohio Board of Regents and the State Controlling Board.

Upon motion of Mr. Shumate, seconded by Mr. Celeste, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix LXXIX for background material and map, page 1359.)

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Mr. Shumate:

I would like to call upon our Vice President for Finance, Mr. Shkurti, to provide some background information on the budget, as well as to provide background information on the 30-day continuation budget request.

Mr. Shkurti:

Thank you, Mr. Chairman. The first item I would like to address is a report to the Board on where Ohio State stands regarding fees and expenditures, which is some information the Board asked for at the last meeting. What I will do is walk you briefly through each of the charts. I will start with the first one which is the second page, but it is numbered one in the upper right hand corner. What this does is compare annual undergraduate resident fees at Ohio State with the rest of the public Big Ten. We call it the public Big Ten because we exclude Northwestern which is a private institution. If you look at those figures, it shows that Ohio State ranks sixth with an annual tuition of \$2,568, which is 14 percent below the average for the Big Ten.

The second chart, which is numbered two in the upper right hand corner, compares fees for four categories of students and also compares how they have changed OSU's ranking in time over the last five years. So you will see that five years ago we were eighth in the Big Ten in residence and undergraduate fees and we are sixth now. We have also risen slightly in our relative rankings for non-resident undergraduate fees, resident graduate, and non-resident graduate. I believe that this

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Mr. Shkurti: (contd)

is a pattern that is fairly similar for public institutions across the state of Ohio, because the state budget over the last 4 to 5 years has been somewhat constrained and the result has been to force tuition higher in Ohio than in other states. Although again, even though tuition has increased, we are still below average.

The third chart ranks The Ohio State University compared to other public assisted universities in the state of Ohio, both where it is currently and how it has grown over the last five years. You can see Ohio State currently ranks tenth among Ohio's thirteen public assisted institutions for undergraduate resident tuition. That is 8.5 percent below the average, and it is also below the average for tuition growth in the state over the last five years. So I think this shows in terms of tuition, Ohio State is a bargain compared to other public assisted institutions in the state of Ohio, and compared to other public institutions in the Big Ten.

The final chart gives you a comparison as to how much we actually spend and this is the average education in general expenditures per student for fiscal year '91, the latest year we have. The reason we use education in general is that that is a category that excludes some of the large auxiliary operations such as the Hospitals and the residence halls, so we are measuring only the actual classroom expenditures per student. You will see that Ohio State is seventh in the public Big Ten with \$10,053, compared to Michigan who is first. They spend \$18,719 per student. So again, in terms of expenditures, Ohio State is below the average at 13 percent below. So I think that what this shows very clearly is that Ohio State is a low cost, low expenditure institution. But even though our tuition is low and our expenditures are low, we offer a high quality education. That, I would argue, is better than a lot of these other Big Ten schools and certainly better than the Big Ten school over our northern border that spends \$8,000 more per student.

Mr. Chairman, I would like to pause and see if there are any questions about the comparisons that I provided the Board. The other thing I would add is that it is my sense, and I think properly, that the Board would like to be updated annually on where Ohio State stands on a variety of indicators. This is our first step in doing that. We picked the Big Ten and other Ohio schools because that is the obvious thing to compare, but there are a lot of other institutions that Ohio State competes with and should be compared with that are public comprehensive research institutions. We hope in the months ahead to provide you with comparisons to those institutions as well.

Mr. Shumate:

As I mentioned during our Committee meeting, Academic Affairs also discussed that same process of comparison. We think that would be helpful. Are there any questions on this comparative data on fees and expenditures?

Mr. Shkurti:

Mr. Chairman, the next item is the resolution that you have in front of you regarding the University's budget. We had hoped at this meeting to give you the budget for the Fiscal Year beginning July 1, 1992. However, the state has not yet decided how it will handle its budget problems for the year beginning July 1. And since they are our major source of income, we cannot give you an accurate projection. So what we are asking you to do is approve this resolution that extends the budget that expires on

June 5, 1992 meeting, Board of Trustees

Mr. Shkurti: (contd)

June 30 for another month, so we can continue to pay our employees and do other things while we are waiting for the state to make a determination.

I should also address at least what we think the state may do to give you a sense of the kinds of decisions we may be faced with at the next Board meeting. Again, the state has not made a final decision, but the Governor and his budget directors have made some public statements about what they think the size of the problem is that the state is facing next year, and what items will not be cut if the Governor implements cuts by executive order. Taking those two statements together it appears to me we are staring down the barrel of cuts that may range from 10 to 20 percent from what was originally appropriated for Ohio State for Fiscal Year '93. Now remember, we are already a low tuition, low cost institution, so we don't have quite the flexibility to absorb cuts that say the University of Michigan does. In addition, the University has already absorbed \$35 million in reductions from previous rounds of cuts over the last 18 months. And the impact of those has been the loss of 360 positions in the University, additional course closings that affect the ability of our students to graduate on time, longer lines, and an increase in deferred maintenance, which in the long run will cost the University money.

We have tried to manage those cuts as best we can. We know that the state is facing financial problems and we feel we should do our share, even though the cuts that we have suffered in the last 18 months have been disproportional compared to other parts of the budget. What I worry about, as difficult as those problems have been, is the potential impact of additional reductions in the order of magnitude that I have just discussed. If you take the midpoint between 10 and 20 percent, which is a 15 percent reduction -- you may recall at last month's Board meeting that I shared with you that in fact we are faced with a reduction in funding of that amount, it would cost the University a 1,000 positions. Even for an institution this size that is a very serious problem. Not only does it create a problem for this institution, I believe it creates a serious problem for the community, Central Ohio, and for the state as a whole. Ohio State University is the second largest employer in Central Ohio, as I mentioned last month, so the loss of these positions, in terms of income and taxes that those people pay, would severely effect the city treasury. I think this could ripple into the state treasury which in turn would exacerbate the budget problem that we face.

The other problem that I think is important to recognize -- and Ms. Ward from the Board of Regents spoke very eloquently to that -- is the \$700 million in research money that The Ohio State University has brought into the State of Ohio. By almost any comparison of us with other states of our size, Ohio is not bringing in as much research money from the federal government or other sources as it should compared to the size of its population, although we have improved over the last several years. The problem is that if this University, which is the state's single largest research institution, is affected by the reductions in the magnitude of 10 to 20 percent the research positions of faculty and the people who help them do research would not be filled. Including some of our eminent scholars. It would also affect our ability to bring in that research money in the future. That, in turn, would affect the ability of the state of Ohio to attract those high-tech research jobs that we have been attracting over the last couple years.

June 5, 1992 meeting, Board of Trustees

Mr. Shkurti: (contd)

If research was not important, the horse and buggy would still be the dominant manufactured good in the country and it is not. My fear is that coupled with the loss in income from the jobs that we already have, and our inability then to compete with other states for the best minds to do the kind of research that is vital for the future of this state. A reduction in the order of 10 to 20 percent to Ohio State would mean the first step in the economic decline of Ohio. What would come out of it, eventually, are more expenditures for welfare, higher expenditure for corrections, and eventually because the economic base is not there to support these expenditures, higher taxes for everyone.

So we will be watching very closely what happens over the next month. We will be working closely with public officials to point out what we think the dire consequences of budget reductions of the range that we have heard speculated about. We will try to bring to you at the July meeting a budget that makes the best use of the amount of money that the state provides to us, and to make that money do everything it can in terms of this institution maintaining its viability and its role and in turn supporting the economic future of the state of Ohio. Mr. Chairman, I will be glad to attempt to respond to any questions that the Board may have.

Mr. Shumate:

Any questions?

Mr. Celeste:

You mentioned the 1,000 positions at the last meeting. Do you have any estimate of the dollar amount of economic impact to the Columbus and Central Ohio community?

Mr. Shkurti:

Mr. Celeste, the average payroll at Ohio State for a full-time equivalent position is about \$30,000. Now some of these 1,000 positions include part-time, so I would not multiply it straight across, but you can see that that is a substantial number. I guess the thing that I worry about more -- although the impact of losing those positions themselves is significant -- the larger impact and the larger danger is psychological. If you have been following the history of this recession, this is a national problem not unique to Ohio. One of the things driving it, particularly right now as it looks like we're on the edge of coming out of it, is a lack of confidence by consumers that their jobs are secure, their income is secure. As a result, they are not spending. And since they are not spending or buying, people aren't at work producing what it is consumers buy.

My fear is that the impact of this will be much greater than just the impact of 1,000 positions. Every other person who is affiliated with Ohio State or other public institutions in Ohio, will worry if their job is to be eliminated next. So as a result, they aren't going to be buying as they normally would. If they don't buy, the tax revenues don't go into the state. The state wouldn't have the tax revenues to support higher education and other services, and so the state does more cuts. That's what's known in economic terms as the economic death cycle, because it's a spiral of fear and of worry that feeds on itself. So we may have the prospect of the rest of the country

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Mr. Shkurti: (contd)

pulling out of the recession and Ohio lagging behind, and lagging further behind in terms of the resources it needs to keep up and compete.

So I think the effects can be dramatic. They exist beyond just the loss of payroll and jobs directly at Ohio State, they have an indirect effect as well. I think Ms. Ward made the point that research jobs here spin off 4 or 5 jobs elsewhere in the economy. So if you think about the implications of that statement, you can see it's a pretty far reaching problem.

### **EXPENDITURE AUTHORIZATION 1992-93**

Resolution No. 92-139

Synopsis: The Fiscal Affairs Committee recommended the authorization to make expenditures in 1992-93.

WHEREAS the State of Ohio has identified an operating deficit for the next fiscal year and the Governor has yet to recommend a budget for consideration by the Legislature; and

WHEREAS it is necessary to defer decisions concerning salary levels, fee levels, and other University expenditures until State subsidy support has been determined in an appropriations bill and distributed by the Board of Regents; and

WHEREAS it is necessary to continue University expenditures, including payment of faculty and staff, prior to the time that a Current Funds Budget for 1992-93 is developed and adopted:

NOW THEREFORE

BE IT RESOLVED, That the University be authorized to make expenditures consistent with the level of resources contained in the Third Quarter Report of Fiscal Year 1991-92 until the Current Funds Budget for 1992-93 is adopted; and

BE IT FURTHER RESOLVED, That at the regularly scheduled meeting of the Board of Trustees following the revision of the state budget and projected distribution of subsidy from the Board of Regents, the President will present the Administration's recommendation for the Current Funds Budget for 1992-93.

Upon motion of Mr. Shumate, seconded by Ms. Casto, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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Mr. Shumate:

The next agenda item has to do with an intent to reimburse capital expenditures. I am going to call upon Mr. Nichols to provide us with some background for this issue.

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Mr. Nichols:

Under the Miscellaneous Tab in your Board book are two resolutions. These are an outgrowth of a change in the regulations of the department of the treasury on behalf of the Internal Revenue Service as it concerns tax exempt bonds. Previously, each time that the Board has authorized the hiring of architects, engineers, and the permission to request construction bids there has been attached, as part of that resolution, the Board's intent to ultimately go out for tax exempt bonds to fund the project. Over a period now of in excess of a decade, the Congress and the various federal regulatory agencies have been further restricting the issuance of tax exempt bonds. It has probably had the least amount of impact on public higher education, although it has had a very substantial impact on private higher education. This is frankly just another step in that particular process as they tighten up the regulations. So the first resolution deals specifically with those projects that have already started or else the construction is eminent, and it is the Board's certifications that those are appropriate projects under the treasury regulations for tax exempt bonds.

The second resolution is an administrative resolution which allows the Vice President of Finance, on behalf of the Board of Trustees, to designate those projects which will ultimately be funded by tax exempt bonds. It frankly is an administrative expediency; this does not preclude the involvement of the Board. The Board will still do all the approvals for architects and engineers, all the approval for construction bids, will still receive all of the reports of those construction bids, and, finally, will have to approve the actual issuance of the bonds themselves. Those are presented for your approval.

Mr. Shumate:

Thank you, Mr. Nichols. We did fully review these in the Fiscal Affairs Committee and legal counsel was present and made a presentation. Since these two resolutions are related I'm going to move both of them. Is that permissible?

**INTENT TO REIMBURSE CAPITAL EXPENDITURES**

Resolution No. 92-140

WHEREAS The Ohio State University (the "University") is currently considering the construction, acquisition, installation and equipping of certain University facilities (the "Projects") as more fully described on Exhibit A hereto; and

WHEREAS the University anticipates incurring certain Capital Expenditures (as hereinafter defined) with respect to the Projects; and

WHEREAS this Resolution is intended to be a declaration of official intent under Treasury Regulation Section 1.103-18 (the "Reimbursement Regulations");

NOW THEREFORE

BE IT RESOLVED, That by the Board of Trustees of The Ohio State University as follows:

1. The University hereby declares that it reasonably expects to reimburse the Capital Expenditures (as defined below) incurred with respect to the Projects with the proceeds of debt incurred by the University (the "Reimbursement Obligations").

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**INTENT TO REIMBURSE CAPITAL EXPENDITURES (contd)**

2. It is the intent of the University that a "reimbursement allocation," as defined in the Reimbursement Regulations for the Capital Expenditures shall occur not later than (i) one year after the date on which the Capital Expenditure is paid or (ii) the date on which the property which is the subject of the Capital Expenditure is placed in service, whichever is later.
3. For purposes of this Resolution, the term "Capital Expenditures" shall have the meaning given such term in the Reimbursement Regulations.
4. Exhibit A hereto sets forth a reasonably accurate, general functional description of the type and use of the property for which the Capital Expenditures to be reimbursed are to be paid or contains a description of the general functional purpose of the fund or account from which the Capital Expenditures to be reimbursed is to be paid, and the maximum amount of Reimbursement Obligations to be issued for the Projects.
5. A copy of this Resolution shall be made reasonably available for inspection by the general public at the main administrative office of the University and shall be continuously available during normal business hours of the University on every business day of the period beginning no later than thirty (30) days after the date hereof to and including the date of the issue of the Reimbursement Obligations, or such longer period as may be required by the laws of the State of Ohio.
6. The University finds that no funds from sources other than the Reimbursement Obligations are, or are reasonably expected to be, reserved, allocated on a long-term basis, or otherwise set aside by the University or by any member of the same controlled group as the University (as such term is defined in Treasury Regulation Section 1.150-1(f) pursuant to their budget or financial policies with respect to the Capital Expenditures to be reimbursed.
7. Nothing in this Resolution shall be construed to be a limitation on the ability of the University to reimburse itself for eligible preliminary expenditures (within the meaning of Section 1.103-18(h) of the Reimbursement Regulations). The proceeds of the Reimbursement Obligations will not be used directly or indirectly for any of the uses set forth in Section 1.103-18(k)(1) of the Reimbursement Regulations unless any such use is permitted by Section 1.103-18(k)(4) or (5) of the Reimbursement Regulations.

Upon motion of Mr. Shumate, seconded by Mr. Celeste, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix LXXX for Exhibit A, page 1363.)

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**AUTHORIZATION FOR DESIGNATED OFFICIALS TO  
DECLARE INTENT TO REIMBURSE CAPITAL EXPENDITURES**

Resolution No. 92-141

WHEREAS The Ohio State University (the "University") expects to consider from time to time the construction, acquisition, installation and equipping of certain University facilities; and

WHEREAS the University anticipates that it will incur certain capital expenditures in connection therewith; and

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**AUTHORIZATION FOR DESIGNATED OFFICIALS TO  
DECLARE INTENT TO REIMBURSE CAPITAL EXPENDITURES (contd)**

WHEREAS Treasury Regulation Section 1.103-18 (the "Reimbursement Regulations") prescribes certain rules as to under what circumstances such expenditures may be incurred and subsequently reimbursed with the proceeds of a borrowing by entities such as the University in such a manner that the interest payable on such debt will be excludable from gross income for federal income tax purposes ("Tax Exempt Debt"); and

WHEREAS the University may from time to time find it to be in its best interests to fund the capital expenditures referred to above with the proceeds of Tax Exempt Debt and, therefore wishes to adopt procedures to assure compliance with the Reimbursement Regulations and thereby obtain the benefits of issuing Tax Exempt Debt at an interest cost savings to the University; and

WHEREAS the Reimbursement Regulations permit an entity such as the University to designate someone on its behalf to declare the intent of the entity to reimburse itself for capital expenditures:

NOW THEREFORE

BE IT RESOLVED, That by the Board of Trustees of The Ohio State University as follows:

1. This Board of Trustees hereby designates the Vice President of Finance of the University as the person who is authorized on behalf of the University to declare the official intent of the University within the meaning of the Reimbursement Regulations with respect to expenditures that the University may incur prior to the issuance of Tax Exempt Debt.
2. The Vice President of Finance of the University is authorized to make such findings, execute such instruments and take such actions as are reasonably necessary to enable the University to comply with the Reimbursement Regulations, with no further action or authorization from this Board of Trustees being necessary.
3. This Resolution shall be in full force and effect from the date of its adoption.

Upon motion of Mr. Shumate, seconded by Ms. Casto, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**RESEARCH FOUNDATION REPORT**

Mr. Celeste:

I would like to start by adding a comment to what I had planned would be a very exciting report. With the cautions that we've just been given from Mr. Shkurti about the impact of potential budget cuts on research, I think we should be monitoring this very carefully. Today's report is pretty exciting and I hope that we would be able to continue it.

June 5, 1992 meeting, Board of Trustees

I'm particularly pleased to report that the increase in research funding received by The Ohio State Research Foundation continues to show real growth. You have the report in front of you. If you'd take a look at Tab 1, we see that the award level for the period July through April is 27.36 percent above the same period last year. The number of awards received for the current period has increased from 1172 to 1284.

This month there has been a significant increase in the awards received from the National Science Foundation and the Department of Education. At Tab 2 you will find expenditure summaries. It is note worthy that expenditures from the National Science Foundation Projects are showing the greatest dollar increase, nearly \$2 million. Some projects of special interest that were funded in the month of April are listed at Tab 3. You might be interested to know that our National Regulatory Research Institute is developing prototype regulatory procedures for use by the Public Utility Commission. The state of Ohio is funding the development of child birth educational materials for women with developmental disabilities. The National Science Foundation is supporting research on the existence of a black hole in the center of our galaxy. The Student Literacy Core Program will teach students at the Agricultural Technical Institute about important issues facing society.

At Tab 4 is the list of all projects funded in April. Tab 5 is an overview of the Office of Technology Transfer Activities, along with some comparisons of those activities with those at other Big Ten Universities. This year we expect about 60 invention disclosures and 20 new U.S. patents. Our royalty income in fiscal 1991 was \$1.6 million.

At Tab 6 is a listing of the active projects in the Department of Computer and Information Science that have benefited from availability of the super computer facility. We had some information presented to us in the Academic Affairs Committee on the super-computer facility.

Tab 7 includes 2 press releases issued by University Communications highlighting recent research activity. This concludes my report.

### **REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS**

Resolution No. 92-142

Synopsis: Approval of the following reports on contracts, grants, and gifts and the summary for April 1992 is proposed.

WHEREAS monies are solicited and received on behalf of the University from governmental, industrial, other agencies, alumni, and various individuals in support of research, instructional activities, and service; and

WHEREAS such gifts and grants are received through The Ohio State University Research Foundation, the Engineering Experiment Station of The Ohio State University, The Ohio State University Development Fund, and The Ohio State University Foundation:

NOW THEREFORE

BE IT RESOLVED, That the research agreement between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the reports from the Engineering Experiment Station, The Ohio State University Development Fund, and The Ohio State University Foundation during the month of April 1992 be

June 5, 1992 meeting, Board of Trustees  
approved.

June 5, 1992 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

Upon motion of Mr. Celeste, seconded by Ms. Casto, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

Summary

APRIL 1992

<u>Source</u>	<u>7/1/90-4/30/91</u>	<u>7/1/91-4/30/92</u>	<u>April 1992</u>
The Ohio State University Research Foundation	\$100,348,813.40	\$127,809,259.09	\$11,130,837.65
Engineering Experiment Station	\$ 6,102,904.00	\$ 4,903,708.00	\$ 256,657.00
OSU Foundation and Development Fund	\$ 40,733,623.00	\$ 41,606,594.00	\$ 3,392,900.00
The Ohio State University Development Fund			
Establishment of Funds			
The Jack N. Taylor, M.D. Urologic Cancer Research Endowment Fund (Support urologic cancer research)			\$ 78,625.00
The Frederick P. Zuspan, M.D. Chair Fund in Obstetrics and Gynecology (Support a faculty chair)			\$ 68,860.00
The Dr. Elizabeth D. Gee Memorial Breast Cancer Research Endowment Fund (Sponsor breast cancer research)			\$ 25,000.00
The George R. St. Pierre Scholarship Enhancement Fund in Materials Science and Engineering (Support scholarly, research, and professional activities)			\$ 20,135.00
The Marcus J. and Lottie C. Lieberman Scholarship Fund (Undergraduate scholarships in the Department of Geological Sciences)			\$ 20,000.00
The Robert L. Muncie Music Scholarship Fund (Scholarships)			\$ 15,000.00
The Bill Newland Endowed Memorial Scholarship in Animal Science (Scholarships)			\$ 15,000.00

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**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

Summary (contd)

APRIL 1992 (contd)

The Ohio State University Development Fund (contd)

Change in Name of Fund

From: The Michael Shih-Yuan Chen Memorial Scholarship Fund  
To: The Michael Shih-Yuan Chen, Ph.D. Memorial Scholarship Fund

Change in Name and Description of Fund

From: Ohio Biological Survey Endowment Fund  
To: The Charles and Anita King Endowment Fund

Change in Description of Fund

American Playwrights Theatre Scholarship in Playwriting

The Ohio State University Foundation

Approval of Descriptions and Establishment of Funds

The Gertrude Parker Heer Chair Fund in Cancer Research  
(Support faculty member) \$ 424,991.85

The Ruth Arnold Steva Auglaize County Cooperative  
Extension Service Endowment Fund  
(Support Auglaize County Cooperative  
Extension Service) \$ 200,000.00

The Ronald L. Stuckey Herbarium Fund  
(Support the botanical research and  
curatorial projects) \$ 30,000.00

The Ralph J. Stolle Academic Scholarship Fund  
(Academic scholarships to residents of Shelby County) \$ 25,000.00

The Episcopal Diocese of Southern Ohio Endowment for  
Peace Studies Outreach  
(Support off campus programs on Peace Studies) \$ 15,000.00

Change in Repository

The David S. Nicolls Athletic Scholarship Fund

June 5, 1992 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Establishment of Funds

The Jack N. Taylor, M.D. Urologic Cancer  
Research Endowment Fund

The Jack N. Taylor, M.D. Urologic Cancer Research Endowment Fund for The Arthur G. James Cancer Hospital and Research Institute was established June 5, 1992, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Mr. and Mrs. Seward Schooler, Coshocton, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to sponsor urologic cancer research as directed by the Chief of the Division of Urologic Surgery in The Arthur G. James Cancer Hospital and Research Institute as approved by the Director of The Arthur G. James Cancer Hospital and Research Institute and the Vice President for Health Services.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the Director of The Arthur G. James Cancer Hospital and Research Institute and the Vice President for Health Services in order to carry out the desire of the donors.

The Frederick P. Zuspan, M.D. Chair Fund in  
Obstetrics and Gynecology

The Frederick P. Zuspan, M.D. Chair Fund in Obstetrics and Gynecology was established June 5, 1992, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from Professor Emeritus Frederick P. Zuspan, M.D. (B.A., Biological Sciences, 1947; M.D., Medicine, 1951), his colleagues and friends and the Department of Obstetrics and Gynecology.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to support a faculty chair position in the Department of Obstetrics and Gynecology as recommended by the Chairperson of the Department of Obstetrics and Gynecology and the Dean of the College of Medicine. Prior to reaching the funding level required for support of the chair and, at such time when the funding is equal to or greater than the funding level required for support of a professorship, the income can be used for a professorship position in the Department of Obstetrics and Gynecology as recommended by the Chairperson of the Department of Obstetrics and Gynecology and the Dean of the College of Medicine to the Provost and approved by the Board of Trustees. Any unused income shall be applied to the principal.

June 5, 1992 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Funds (contd)

The Frederick P. Zuspan, M.D. Chair Fund in  
Obstetrics and Gynecology (contd)

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the Dean of the College of Medicine, Chairperson of the Department of Obstetrics and Gynecology, or program administrative officer in order to carry out the desire of the donors.

The Dr. Elizabeth D. Gee Memorial Breast Cancer  
Research Endowment Fund

The Dr. Elizabeth D. Gee Memorial Breast Cancer Research Endowment Fund for The Arthur G. James Cancer Hospital and Research Institute was established June 5, 1992, by the Board of Trustees of The Ohio State University, with a gift to The Ohio State University Development Fund from Mr. and Mrs. Seward Schooler, Coshocton, Ohio, in memory of Dr. Elizabeth D. Gee.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to sponsor breast cancer research as directed by the Chief of the Division of Surgical Oncology in The Arthur G. James Cancer Hospital and Research Institute as approved by the Director of The Arthur G. James Cancer Hospital and Research Institute and the Vice President for Health Services.

It is the desire of the donors that this fund benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the Director of The Arthur G. James Cancer Hospital and Research Institute and the Vice President for Health Services in order to carry out the desire of the donors.

The George R. St. Pierre Scholarship Enhancement  
Fund in Materials Science and Engineering

The George R. St. Pierre Scholarship Enhancement Fund in Materials Science and Engineering was established June 5, 1992, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Dr. St. Pierre, family members, colleagues, former students, and friends of George R. St. Pierre, Presidential Professor and Chairperson of the Department of Materials Science and Engineering.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

June 5, 1992 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Funds (contd)

The George R. St. Pierre Scholarship Enhancement  
Fund in Materials Science and Engineering (contd)

The annual income shall be used to support scholarly, research, and professional activities of students and faculty in the Department of Materials Science and Engineering with particular emphasis on undergraduate programs, scholarships and laboratories. Selection of the award recipients shall be made by the Chairperson of the Department of Materials Science and Engineering in consultation with the faculty and the University Committee on Student Financial Aid, as appropriate.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donors.

The Marcus J. and Lottie C. Lieberman Scholarship Fund

The Marcus J. and Lottie C. Lieberman Scholarship Fund in the Department of Geological Sciences was established June 5, 1992, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Lottie C. Lieberman of Columbus, Ohio, in memory of her husband, Marcus J. Lieberman (B.A., Geology, 1931).

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used for undergraduate scholarships in the Department of Geological Sciences. Eligible students shall maintain a minimum 3.0 G.P.A. and be in good standing with the Department of Geological Sciences and The Ohio State University. Selection of the award recipients shall be made by the Scholarship Committee within the Department of Geological Sciences in consultation with the University Committee on Student Financial Aid.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

The Robert L. Muncie Music Scholarship Fund

The Robert L. Muncie Music Scholarship Fund was established June 5, 1992, by the Board of Trustees of The Ohio State University, with a gift to The Ohio State University Development Fund from the estate of Robert L. Muncie.

June 5, 1992 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Funds (contd)

The Robert L. Muncie Music Scholarship Fund (contd)

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide a scholarship for an incoming freshman, undergraduate, or graduate student who is or will be a music major. The selection of the recipient shall be made by the Director of the School of Music in consultation with faculty members and the University Committee on Student Financial Aid.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

The Bill Newland Endowed Memorial Scholarship  
in Animal Science

The Bill Newland Endowed Memorial Scholarship in Animal Science was established June 5, 1992, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from friends to honor H. William Newland, Ph.D. For 17 years he was professor of animal science in the College of Agriculture and beef extension specialist for the Ohio Cooperative Extension Service.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide one or more scholarships to undergraduate students in the Department of Animal Science, the College of Agriculture. Criteria for selection shall include above average scholastic achievement and demonstrated leadership potential through extracurricular activities. Preference shall be given to those students with financial need. Selection shall be made by the scholarship committee in the Department of Animal Science in consultation with the Dean for Student Affairs in the College of Agriculture and the University Committee on Student Financial Aid.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donors.

June 5, 1992 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Change in Name of Fund

The Michael Shih-Yuan Chen, Ph.D. Memorial  
Scholarship Fund

The Shih-Yuan Michael Chen Scholarship Fund was established July 8, 1988, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from the Chen family in memory of Dr. Michael Shih-Yuan Chen (Ph.D., 1955). The name was changed April 6, 1990, to The Michael Shih-Yuan Chen Memorial Scholarship Fund and was again renamed June 5, 1992.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide one or more scholarships to students enrolled in the College of Engineering who are from Nanjing Institute of Technology, China. If there are no applicants from Nanjing Institute of Technology, then the scholarship(s) shall be awarded to engineering students from mainland China, or, if none apply, to Chinese-American students enrolled in the College of Engineering. Scholarship recipients shall be chosen by the Dean of the College of Engineering in consultation with the University Committee on Student Financial Aid.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donors.

Change in Name and Description of Fund

The Charles and Anita King Endowment Fund

The Ohio Biological Survey Endowment Fund was established June 9, 1983, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from friends and supporters of the Ohio Biological Survey. The name and description was revised June 5, 1992.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used for those purposes which will aid the publishing, research, and service programs and facilities of the Ohio Biological Survey. Expenditure of the annual income shall be made upon the authorization of the Executive Director of the Ohio Biological Survey in cooperation with the Advisory Board of the Ohio Biological Survey and with the approval of the Dean of the College of Biological Sciences of The Ohio State University. Invasion of the principal amount of the endowment, if necessary, shall be authorized only upon written approval of the Executive Director and the Chair of the Advisory Board of the Ohio Biological Survey and the Dean of the College of Biological Sciences of The Ohio State University.

June 5, 1992 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Change in Name and Description of Fund (contd)

The Charles and Anita King Endowment Fund

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be determined by the Foundation Board in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donors.

Change in Description of Fund

American Playwrights Theatre Scholarship  
in Playwriting

The American Playwrights Theatre Scholarship in Playwriting was established December 9, 1982, by the Board of Trustees of The Ohio State University, with a gift to The Ohio State University Development Fund from American Playwrights Theatre, Inc. The description was revised June 5, 1992.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide one or more scholarships for students who have demonstrated exceptional talent and ability in dramatic writing. It may also, from time to time, provide funding for a guest playwright to be in residence at The Ohio State University to teach in the area of playwriting and to participate in the production program of the Department of Theatre. Selection of the recipient(s) shall be made upon the recommendation of the Chairperson of the Department of Theatre and the Dean of the College of the Arts and in consultation with the University Committee on Student Financial Aid, as appropriate.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

THE OHIO STATE UNIVERSITY FOUNDATION

Approval of Descriptions and Establishment of Funds

The Gertrude Parker Heer Chair Fund in Cancer Research

The Gertrude Parker Heer Chair Fund in Cancer Research was established June 5, 1992, by the Board of Trustees of The Ohio State University through funds received by the University from The Ohio State University Foundation with gifts designated for support of The Arthur G. James Cancer Hospital and Research Institute from the estate of Gertrude Parker Heer, Columbus, Ohio.

June 5, 1992 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

THE OHIO STATE UNIVERSITY FOUNDATION (contd)

Approval of Descriptions and Establishment of Funds (contd)

The Gertrude Parker Heer Chair Fund in Cancer Research (contd)

Income provided by the Foundation shall be reinvested in the fund's principal until such time as the fund shall have a value of \$1,250,000, whereupon the annual income shall support the work of a distinguished faculty member involved in cancer research at The Arthur G. James Cancer Hospital and Research Institute. Appointment to the Chair will be recommended by the Director of The Arthur G. James Cancer Hospital and Research Institute and the Vice President for Health Services to the Provost, and approved by the Board of Trustees.

The Ruth Arnold Steva Auglaize County Cooperative  
Extension Service Endowment Fund

The Ruth Arnold Steva Auglaize County Cooperative Extension Service Endowment Fund was established June 5, 1992, by the Board of Trustees of The Ohio State University through funds received by the University from The Ohio State University Foundation with a gift designated for support of the Auglaize County Cooperative Extension Service from the late Ruth Arnold Steva.

Income provided by the Foundation shall be used to support the Auglaize County Cooperative Extension Service. Distribution and use of funds shall be determined by recommendations to the Auglaize County Cooperative Extension Service faculty from local advisory committees, with final approval for use of those funds by the official responsible for management of the Ohio Cooperative Extension Service. These funds shall be subject to review by the University's internal audit department.

Should the Auglaize County Cooperative Extension Service cease to exist, the principal Auglaize County Cooperative Extension Service Advisory Committee and/or its successor representatives shall recommend the future use and distribution of annual earnings from the fund by making appropriate suggestions to the University official who at the time holds responsibility for management of the Ohio Cooperative Extension Service. Additionally, the Auglaize County Cooperative Extension Service Advisory Committee shall have up to 12 months following any disbandment of the Auglaize County Cooperative Extension Service offices to make its final recommendations to the director of the Ohio Cooperative Extension Service.

The Ronald L. Stuckey Herbarium Fund

The Ronald L. Stuckey Herbarium Fund was established June 5, 1992, by the Board of Trustees of The Ohio State University through funds received by the University from The Ohio State University Foundation with gifts designated for support of The Ohio State University Herbarium from Ronald L. Stuckey, Professor of Botany.

Income provided by the Foundation shall be distributed to the Herbarium to be used for purposes associated with the Herbarium and administered by the Director of the Herbarium in the College of Biological Sciences.

June 5, 1992 meeting, Board of Trustees

Initially, the income is to be used for expenditures by the Director of the Herbarium to support the botanical research and curatorial projects developed by Dr. Ronald L. Stuckey for the duration of his working life. Subsequently, the income is to be used by its Director to support the needs of the Herbarium, including projects related to the vascular plant flora of Ohio.

#### The Ralph J. Stolle Academic Scholarship Fund

The Ralph J. Stolle Academic Scholarship Fund was established June 5, 1992, by the Board of Trustees of The Ohio State University through funds received by the University from The Ohio State University Foundation, which has established an endowed fund with gifts designated for the support of the Office of Student Financial Aid from Ralph J. Stolle, Lebanon, Ohio, and from the Stolle Corporation, Sidney, Ohio.

Income provided by the Foundation shall be used to provide one or more academic merit scholarships to residents of Shelby County upon nomination by the Scholarship Committee of the Shelby County Alumni Club to the University Committee on Student Financial Aid. Preference shall be given to entering freshmen and scholarships are renewable for up to twelve (12) quarters of satisfactory academic performance.

#### The Episcopal Diocese of Southern Ohio Endowment for Peace Studies Outreach

The Episcopal Diocese of Southern Ohio Endowment for Peace Studies Outreach was established June 5, 1992, by the Board of Trustees of The Ohio State University through funds received by the University from The Ohio State University Foundation for support of The Ohio State University Mershon Center.

Income provided by the Foundation shall be distributed to The Ohio State University Mershon Center to be used to support off campus programs on Peace Studies administered by the Director of the Mershon Center in cooperation with the Endowed Faculty Chair in Peace Studies.

#### Change in Repository of Fund

#### The David S. Nicolls Athletic Scholarship Fund

The David S. Nicolls Athletic Scholarship Fund was established November 1, 1991, by the Board of Trustees of The Ohio State University, with gifts from John B. Gerlach, Sr. of Columbus, Ohio, in honor of David S. Nicolls (B.S.Bus.Adm. '49). The repository of the gift was changed to the Ohio State University Foundation to reflect the donor's intent and, thus, the fund was revised June 5, 1992.

Income provided by the Foundation shall be used to supplement the grant-in-aid scholarship costs of student athletes who are pursuing undergraduate degrees at The Ohio State University. Recipients shall be selected by the Director of Athletics in consultation with the University Committee on Student Financial Aid.

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June 5, 1992 meeting, Board of Trustees

## **HOSPITALS BOARD REPORT**

Mr. Celeste:

On May 14 the Administrative/Operations Committee held a special meeting for an in-depth review of the Hospitals' 1992-93 fiscal budgets. Following their review, the Committee unanimously recommended approval of the budgets.

The full Hospitals Board met on May 28. After receiving the report of the Administrative/Operations Committee, Board members reviewed and ultimately approved the 1992-93 budgets. The operating budget will be forwarded to Mr. Shkurti's office for incorporation into the University budget. It is important to note two things about the operating budget. First, in order to position the Hospitals favorably in the competitive marketplace, it includes a recommended very low average overall rate increase of 3 percent, which is expected to produce a slender operation margin of only 0.5 percent for the fiscal year. Second, Hospitals Administration has constructed its 1992-93 budgets so as to fully support the goals and objectives of the Medical Center's strategic plan.

Also, at the May 28 meeting, the Hospitals Board reviewed combined patient activity statistics for University Hospitals and the James Cancer Hospital. We received the April financial summary and heard reports from the Medical Director and Chief of Staff-elect. Ms. Susan Insley commented on the Board's recent self-evaluation survey, gave a status report on the review of the Hospitals Board Bylaws, announced committee appointments, and distributed a proposed meeting schedule. We received a Medical Center development report and an overview of the College of Medicine's Distinguished Teaching Endowment Fund. Lastly, Mr. Fraley spoke about several capital projects to be funded through the bond issue.

## **UNIVERSITY HOSPITALS BOARD APPOINTMENT**

Resolution No. 92-143

Synopsis: Approval of the appointment of a University Hospitals Board member is proposed.

WHEREAS the Board of Trustees on November 30, 1979, approved the establishment of a University Hospitals Board; and

WHEREAS the membership of the Hospitals Board was approved on April 4, 1980, and has been subsequently amended; and

WHEREAS the term of one general public member of the Hospitals Board has expired:

NOW THEREFORE

BE IT RESOLVED, That the following individual be appointed as a general public member of the University Hospitals Board, for a three-year term, effective May 1, 1992.

Shirley D. Bowser

June 5, 1992 meeting, Board of Trustees

Upon motion of Mr. Celeste, seconded by Ms. Casto, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

Mr. Barone:

I think this entire Board is very pleased with this appointment of one of our former and hard working Trustees.

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### **ACADEMIC AFFAIRS COMMITTEE REPORT**

Mr. Kessler:

The Academic Affairs Committee met this morning and heard two very interesting reports from: 1) Dr. Charles Bender on the Supercomputer; and 2) Dr. David Boyne on Tenure and Promotions. The Committee is recommending the following resolutions:

#### **RENAMING OF BUILDING**

Resolution No. 92-144

Synopsis: The Academic Affairs Committee recommended the renaming of Bradford Commons at 153 West Twelfth Avenue to the "Frank W. Hale, Jr., Hall."

WHEREAS this Board has authority in naming of all buildings and structures at The Ohio State University, as set forth in paragraph (G) of rule 3335-1-08 of the Administrative Code; and

WHEREAS in 1988 the Black Cultural Center, which was then under construction in Bradford Commons, was named "The Frank W. Hale Black Cultural Center"; and

WHEREAS Bradford Commons is no longer utilized as a dining facility; and

WHEREAS the President recommends, with the concurrence of the President's Executive Committee, that the aforementioned Bradford Commons be renamed in honor of Frank W. Hale, Jr.:

NOW THEREFORE

BE IT RESOLVED, That hereafter the building at 153 West Twelfth Avenue be named the "Frank W. Hale, Jr., Hall," in honor of Frank W. Hale.

Upon motion of Mr. Kessler, seconded by Mr. Celeste, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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June 5, 1992 meeting, Board of Trustees

**ESTABLISHMENT OF NAMED CHAIR**

Resolution No. 92-145

Synopsis: The Academic Affairs Committee recommended the approval of the establishment of a named chair.

WHEREAS in accordance with the guidelines previously established by the Board, The Bank One Chair for Excellence Fund was established May 8, 1987, through funds received by the University from The Ohio State University Foundation which established an endowed fund with gifts from Bank One; and

WHEREAS the name and description are being revised; and

WHEREAS the funding has now reached the level required:

NOW THEREFORE

BE IT RESOLVED, That the Bank One Chair for Excellence Fund be changed to The Bank One Chair for Excellence in Corporate Strategy. The annual income provided by the Foundation shall be distributed to the College of Business to support The Bank One Chair for Excellence in Corporate Strategy. The chair shall be used to attract and/or retain an internationally recognized scholar in the field of corporate strategy. Appointment to the chair shall be made by the Dean of the College of Business with the approval of the Senior Vice President for Academic Affairs and Provost and The Ohio State University Board of Trustees.

Upon motion of Mr. Kessler, seconded by Mr. Celeste, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**DESIGNATION OF APPOINTING AUTHORITY AND TRANSFER OF  
AUTHORITY FOR CLASSIFICATION ADMINISTRATION**

Resolution No. 92-146

Synopsis: The Academic Affairs Committee recommended the approval of the designation of Appointing Authority for Classified Civil Service employees and transfer of authority for Classification Administration.

WHEREAS as a part of the restructuring of the University administration, it is necessary to designate a new Appointing Authority for Classified Civil Service employees and to transfer the authority for the Classification Administration:

NOW THEREFORE

BE IT RESOLVED, That upon the recommendation of the President, Linda Tom, Vice President for Human Resources and Relations, be designated as the Appointing Authority for the non-instructional (Classified Civil Service) employees of the University pursuant to Chapter 124 of the Ohio Revised Code, and be given authority for Classification Administration, effective immediately.

Upon motion of Mr. Kessler, seconded by Mr. Celeste, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

June 5, 1992 meeting, Board of Trustees

**HONORARY DEGREES**

Resolution No. 92-147

Synopsis: The Academic Affairs Committee recommended the approval of honorary degrees for Roald Hoffman and Kenneth Boulding.

WHEREAS the Committee on Honorary Degrees and the University Senate, pursuant to rule 3335-5-488 of the Administrative Code, have approved for recommendation to the Board of Trustees awarding of honorary degrees as listed below:

Roald Hoffmann  
Kenneth Boulding

Doctor of Science  
Doctor of Science

NOW THEREFORE

BE IT RESOLVED, That the honorary degrees be awarded in accordance with the recommendation at a time convenient to the University and the recipients.

Upon motion of Mr. Kessler, seconded by Ms. Casto, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**PERSONNEL ACTIONS**

Resolution No. 92-148

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the May 1, 1992 meeting of the Board, including the following Appointments, Appointment of Chairpersons, Reappointment of Chairpersons, Professional Improvement Leaves, Professional Improvement Leave--Change in Dates, Promotions/Tenure, and Emeritus Titles, as detailed in the University Budget be approved and the Medical Staff Appointments (The Ohio State University Hospitals) approved February 12 and March 11, 1992, by the Hospitals Board be ratified.

Appointments

Name: DON M. DELL  
Title: Associate Provost  
Office: Academic Affairs Administration  
Effective: May 18, 1992  
Salary: \$85,284.00  
Present Position: Associate Dean, College of Social and Behavioral Sciences, and Associate Professor, Department of Psychology

Name: EDWARD J. RAY  
Title: Associate Provost  
Office: Academic Affairs Administration  
Effective: May 1, 1992  
Salary: \$130,140.00  
Present Position: Chairperson and Professor, Department of Economics

June 5, 1992 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

Appointments (contd)

Name: NANCY M. RUDD  
Title: Associate Provost  
Office: Academic Affairs Administration  
Effective: July 1, 1992  
Salary: \$85,284.00  
Present Position: Professor, Department of Family Resource Management and Secretary, University Senate

Name: JERELYN B. SCHULTZ  
Titles: Dean and Professor  
College/Department: Human Ecology/Home Economics Education  
Effective: August 1, 1992  
Salary: \$120,000.00  
Present Position: Professor and Director, School of Family and Consumer Resources, University of Arizona

Name: WILLIAM A. ANDERSON  
Titles: Director, Associate Dean, and Professor  
Institute/College/Department: Agricultural Technical, Agricultural Admin., and Agronomy  
Effective: July 1, 1992  
Salary: \$83,004.00  
Present Position: Professor and Discipline Leader, Department of Agronomy, University of Minnesota, Waseca, Minnesota

Appointment of Chairpersons

May 11, 1992 through September 30, 1996 (Change in Dates)

Economics

Masanori Hashimoto

October 1, 1992 through September 30, 1996

Spanish and Portuguese

Stephen J. Summerhill

Reappointment of Chairpersons

July 1, 1991 through June 30, 1992

Radiology

Charles F. Mueller\*

January 1, 1992 through June 30, 1992

Spanish and Portuguese

Donald R. Larson\*

\*Acting

June 5, 1992 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

Reappointment of Chairpersons (contd)

July 1, 1992 through June 30, 1996

Internal Medicine	Ernest L. Mazzaferri
Ophthalmology	Paul A. Weber
Otolaryngology	David E. Schuller
Pharmacology	Norton H. Neff
Veterinary Anatomy and Cellular Biology	James R. Blakeslee, Jr.

October 1, 1992 through September 30, 1996

Management Sciences	David A. Schilling
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Professional Improvement Leaves

FIRMAN H. BROWN, JR., Chairperson and Professor, Department of Theatre, effective Winter Quarter and Spring Quarter 1993.

CHRISTINE B. VERZAR, Chairperson and Professor, Department of History of Art, effective July 1, 1992, through June 30, 1993.

W. C. BENTON, Professor, Department of Management Sciences, effective Autumn Quarter 1992, Winter Quarter and Spring Quarter 1993.

RUTH M. CHARNEY, Professor, Department of Mathematics, effective Autumn Quarter 1992, Winter Quarter and Spring Quarter 1993.

MICHAEL W. DAVIS, Professor, Department of Mathematics, effective Autumn Quarter 1992, Winter Quarter and Spring Quarter 1993.

FRANKLIN D. DEMANA, Professor, Department of Mathematics, effective Autumn Quarter 1992, Winter Quarter and Spring Quarter 1993.

ULRICH H. GERLACH, Professor, Department of Mathematics, effective Autumn Quarter 1992, Winter Quarter and Spring Quarter 1993.

BERNARD J. HAMROCK, Professor, Department of Mechanical Engineering, effective Autumn Quarter 1992, Winter Quarter and Spring Quarter 1993.

PATRIC H. HENDERSHOTT, Professor, Department of Finance, effective Winter Quarter 1993.

HARRY C. HERSHEY, Professor, Department of Chemical Engineering, effective Autumn Quarter 1992, Winter Quarter and Spring Quarter 1993.

JOHN C. HUNTINGTON, Professor, Department of History of Art, effective Autumn Quarter 1992, Winter Quarter and Spring Quarter 1993.

SUSAN L. HUNTINGTON, Professor, Department of History of Art, effective Autumn Quarter 1992, Winter Quarter and Spring Quarter 1993.

June 5, 1992 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

Professional Improvement Leaves (contd)

L. JAMES LEE, Professor, Department of Chemical Engineering, effective Autumn Quarter 1992, Winter Quarter and Spring Quarter 1993.

ROY J. LEWICKI, Professor, Department of Management and Human Resources, effective Autumn Quarter 1992 and Winter Quarter 1993.

HAJIME MIYAZAKI, Professor, Department of Economics, effective Autumn Quarter 1992, Winter Quarter and Spring Quarter 1993.

RICHARD F. MORTENSEN, Professor, Department of Microbiology, effective Autumn Quarter 1992, Winter Quarter and Spring Quarter 1993.

DEV S. PATHAK, Professor, Division of Pharmaceutical Administration, effective January 4, 1993, through June 30, 1993.

G. NEIL ROBERTSON, Professor, Department of Mathematics, effective Autumn Quarter 1992, Winter Quarter and Spring Quarter 1993.

LEILA J. RUPP, Professor, Department of History, effective Winter Quarter, Spring Quarter and Autumn Quarter 1993.

WILLIAM F. SAAM, Professor, Department of Physics, effective Autumn Quarter 1992.

PAUL W. SCIULLI, Professor, Department of Anthropology, effective Winter Quarter and Spring Quarter 1993.

NEIL E. SMECK, Professor, Department of Agronomy, effective October 1, 1992, through September 30, 1993.

PHILIP C. SORENSEN, Professor, College of Law, effective Spring Semester 1993.

KRISHNASWAMY SRINIVASAN, Professor, Department of Mechanical Engineering, effective Autumn Quarter 1992, Winter Quarter and Spring Quarter 1993.

MICHEL P. TALAGRAND, Professor, Department of Mathematics, effective Autumn Quarter 1992, Winter Quarter and Spring Quarter 1993.

CHRIS I. YESSIOS, Professor, Department of Architecture, effective Autumn Quarter 1992 and Winter Quarter 1993.

DANIEL C. K. CHOW, Associate Professor, College of Law, effective Autumn Semester 1992 and Spring Semester 1993.

MYROSLAVA M. CISZKEWYCZ, Associate Professor, Department of History of Art, effective Autumn Quarter 1992 and Winter Quarter 1993.

PAMELA JEAN CREEDON, Associate Professor, School of Journalism, effective Autumn Quarter 1992, Winter Quarter and Spring Quarter 1993.

June 5, 1992 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

Professional Improvement Leaves (contd)

JOHN M. HELLMAN, JR., Associate Professor, Department of English (Lima Campus), effective Autumn Quarter 1992, Winter Quarter and Spring Quarter 1993.

PAMELA SUE HIGHLEN, Associate Professor, Department of Psychology, effective Winter Quarter and Spring Quarter 1993.

(JASON) TIN-LUN HO, Associate Professor, Department of Physics, effective Autumn Quarter 1992, Winter Quarter and Spring Quarter 1993.

ROBERT L. KAUFMAN, Associate Professor, Department of Sociology, effective Autumn Quarter 1992, Winter Quarter and Spring Quarter 1993.

YUJI KODAMA, Associate Professor, Department of Mathematics, effective Winter Quarter, Spring Quarter and Autumn Quarter 1993.

LAUREN J. KRIVO, Associate Professor, Department of Sociology, effective Autumn Quarter 1992, Winter Quarter and Spring Quarter 1993.

DIK L. LEE, Associate Professor, Department of Computer and Information Science, effective Autumn Quarter 1992, Winter Quarter and Spring Quarter 1993.

VERA MALETIC, Associate Professor, Department of Dance, effective Winter Quarter and Spring Quarter 1993.

CHIA-HSIANG MENQ, Associate Professor, Department of Mechanical Engineering, effective Autumn Quarter 1992, Winter Quarter and Spring Quarter 1993.

JAMES L. MURPHY, Associate Professor, University Libraries, effective July 1, 1992, through June 30, 1993.

BARRY L. NELSON, Associate Professor, Department of Industrial and Systems Engineering, effective Autumn Quarter 1992, Winter Quarter and Spring Quarter 1993.

RUTH D. PETERSON, Associate Professor, Department of Sociology, effective Autumn Quarter 1992, Winter Quarter and Spring Quarter 1993.

GAY SU PINNELL, Associate Professor, Department of Educational Theory and Practice, effective Winter Quarter and Spring Quarter 1993.

BRIAN M. POLLINS, Associate Professor, Department of Political Science, effective Autumn Quarter 1992, Winter Quarter and Spring Quarter 1993.

CARY B. RADER, Associate Professor, Department of Mathematics (Newark Campus), effective Autumn Quarter 1992, Winter Quarter and Spring Quarter 1993.

PATRICK ROBLIN, Associate Professor, Department of Electrical Engineering, effective Autumn Quarter 1992, Winter Quarter and Spring Quarter 1993.

June 5, 1992 meeting, Board of Trustees

### **PERSONNEL ACTIONS (contd)**

#### Professional Improvement Leaves (contd)

MOHAMMAD SAMIMY, Associate Professor, Department of Mechanical Engineering, effective Autumn Quarter 1992, Winter Quarter and Spring Quarter 1993.

ELIZABETH A. STASNY, Associate Professor, Department of Statistics, effective Autumn Quarter 1992, Winter Quarter and Spring Quarter 1993.

JOSEPH S. VERDUCCI, Associate Professor, Department of Statistics, effective Autumn Quarter 1992, Winter Quarter and Spring Quarter 1993.

RAKESH V. VOHRA, Associate Professor, Department of Management Sciences, effective Autumn Quarter 1992, Winter Quarter and Spring Quarter 1993.

STEPHEN YURKOVICH, Associate Professor, Department of Electrical Engineering, effective Autumn Quarter 1992.

TERRY J. WILSON, Assistant Professor, Department of Geological Sciences, effective Winter Quarter, Spring Quarter and Summer Quarter 1993.

#### Professional Improvement Leave--Change in Dates

GRAHAM R. WALDEN, Assistant Professor, University Libraries, change leave from March 23, 1992, through June 22, 1992, to March 23, 1992, through June 21, 1992.

#### Promotions and Tenure

### **COLLEGE OF AGRICULTURE**

#### PROMOTION TO FULL PROFESSOR

Keith M. Irvin, Animal Science, effective - 7/1/92  
Jerry M. Bigham, Agronomy, effective - 7/1/92,  
Jay W. Johnson, Agronomy, effective - 7/1/92  
John Carl Peterson, Horticulture, effective - 7/1/92  
David Louis Coplin, Plant Pathology, effective - 7/1/92  
Patrick Edward Lipps, Plant Pathology, effective - 7/1/92

#### PROMOTION TO ASSOCIATE PROFESSOR with TENURE

Wesley Arlie Greene, Agricultural Technical Institute, effective - 10/1/92  
Shahrokh Rahnema, Agricultural Technical Institute, effective - 7/1/92  
Andrew Proctor, Food Science and Technology, effective - 7/1/92  
Terrence Lee Graham, Plant Pathology, effective - 7/1/92  
John J. Finer, Agronomy, effective - 7/1/92  
Mark A. Bennett, Horticulture, effective - 7/1/92

June 5, 1992 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

Promotions and Tenure (contd)

PROMOTION TO ASSOCIATE PROFESSOR

James Carl Papritan, Agricultural Engineering, effective - 7/1/92  
Joseph Anthony Gliem, Agricultural Engineering, effective - 7/1/92

COOPERATIVE EXTENSION

PROMOTION TO ASSOCIATE PROFESSOR

Susan W. Crusey, effective - 7/1/92  
Beth D. Gaydos, effective - 7/1/92  
Cheryle J. Syracuse, effective - 7/1/92  
Frederic Lee Snyder, effective - 7/1/92  
Susan Rae Shockey, effective - 7/1/92

PROMOTION TO ASSISTANT PROFESSOR with TENURE

Rose E. Merkowitz, effective - 7/1/92  
Steven C. Prochaska, effective - 7/1/92  
Dianne E. Shoemaker, effective - 7/1/92

PROMOTION TO ASSISTANT PROFESSOR

John Allen Ulmer, effective - 7/1/92

TENURE ONLY

Calvin L. Walker, effective - 7/1/92  
John M. Smith, effective - 7/1/92  
Robert L. Horton, effective - 7/1/92  
Elizabeth Mumaw, effective - 7/1/92

COLLEGE OF THE ARTS

PROMOTION TO FULL PROFESSOR

Susan L. Porter, Music, effective - 10/1/92  
James S. Gallagher, Music, effective - 10/1/92

June 5, 1992 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

Promotions and Tenure (contd)

COLLEGE OF THE ARTS (contd)

PROMOTION TO ASSOCIATE PROFESSOR with TENURE

Malcolm Cochran, Art, effective - 10/1/92  
Stratos E. Constantinidis, Theatre, effective - 10/1/92  
Mark W. Shanda, Theatre, effective - 10/1/92  
Mark Carlton Ellis, Music, effective - 10/1/92

COLLEGE OF BIOLOGICAL SCIENCES

PROMOTION TO FULL PROFESSOR

Berl R. Oakley, Molecular Genetics, effective - 10/1/92  
Mark T. Muller, Molecular Genetics, effective - 10/1/92  
William R. Strohl, Microbiology, effective - 10/1/92

PROMOTION TO ASSOCIATE PROFESSOR with TENURE

Robert P. Hangarter, Plant Biology, effective - 10/1/92

COLLEGE OF BUSINESS

PROMOTION TO FULL PROFESSOR

Marcia Parmerlee Miceli, Management and Human Resources, effective - 10/1/92

PROMOTION TO ASSOCIATE PROFESSOR with TENURE

Toshiyuki Sueyoshi, Public Policy and Management, effective - 10/1/92  
Douglas A. Schroeder, Accounting and Management Information Systems, effective - 10/1/92  
Varghese Saji Jacob, Accounting and Management Information Systems, effective - 10/1/92  
Anand Desai, Public Policy and Management, effective - 10/1/92

COLLEGE OF DENTISTRY

PROMOTION TO ASSOCIATE PROFESSOR with TENURE

Cheryl H. DeVore, Dental Hygiene, effective - 7/1/92  
Susan P. Travers, Oral Biology, effective - 7/1/92

June 5, 1992 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

Promotions and Tenure (contd)

COLLEGE OF DENTISTRY (contd)

PROMOTION TO ASSISTANT PROFESSOR

Harris C. Bowman, Restorative and Prosthetic, effective - 7/1/92

COLLEGE OF EDUCATION

PROMOTION TO FULL PROFESSOR

Diane E. DeFord, Educational Theory and Practice, effective - 10/1/92

Robert B. Donmoyer, Educational Policy and Leadership, effective - 10/1/92

David L. Boggs, Educational Studies, effective - 10/1/92

Gay Su Pinnell, Educational Theory and Practice, effective - 10/1/92

Suzanne Kidd Damarin, Educational Policy and Leadership, effective - 10/1/92

Michael L. Kamil, Educational Theory and Practice, effective - 10/1/92

PROMOTION TO ASSOCIATE PROFESSOR with TENURE

Deborah Lee Tannehill, School of Health, Physical Education, and Recreation, effective - 10/1/92

Carol Ann Lyons, Educational Theory and Practice, effective - 10/1/92

Patricia Ann Lather, Educational Policy and Leadership, effective - 10/1/92

Diane M. Sainato, Educational Services and Research, effective - 10/1/92

Barbara Alice Lehman, Educational Theory and Practice, effective - 10/1/92

TENURE ONLY

Larry Anthony Magliocca, Educational Service/Research, effective - 10/1/92

Rick A. Petosa, School of Health, Physical Education, and Recreation, effective - 10/1/92

COLLEGE OF ENGINEERING

PROMOTION TO FULL PROFESSOR

Mohammed I. El-Naggar, Electrical Engineering, effective - 10/1/92

William S. Marras, Industrial and Systems Engineering, effective - 10/1/92

Edward H. Newman, Electrical Engineering, effective - 10/1/92

Yogeshwar Sahai, Materials Science and Engineering, effective - 10/1/92

Yuan F. Zheng, Electrical Engineering, effective - 10/1/92

Stuart H. Zweben, Computer and Information Science, effective - 10/1/92

PROMOTION TO ASSOCIATE PROFESSOR with TENURE

Rajiv Shivpuri, Industrial and Systems Engineering, effective - 10/1/92

Stanley C. Ahalt, Electrical Engineering, effective - 10/1/92

Kosuke Ishii, Mechanical Engineering, effective - 10/1/92

Glenn S. Daehn, Materials Science and Engineering, effective - 10/1/92

June 5, 1992 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

Promotions and Tenure (contd)

COLLEGE OF HUMAN ECOLOGY

PROMOTION TO FULL PROFESSOR

Kathryn A. Jakes, Textiles and Clothing, effective - 10/1/92

PROMOTION TO ASSOCIATE PROFESSOR

Ruth Elaine Dohner, Human Ecology Education, effective - 10/1/92

Mary Catherine Mitchell, Human Nutrition and Food Management, effective - 10/1/92

COLLEGE OF HUMANITIES

PROMOTION TO FULL PROFESSOR

Diane W. Birckbichler, French and Italian, effective - 10/1/92

James R. Morita, East Asian Languages and Literatures, effective - 10/1/92

Harry Vredevelde, German, effective - 10/1/92

Raymond H. Dominick, History, effective - 10/1/92

PROMOTION TO ASSOCIATE PROFESSOR with TENURE

Steven James Joyce, German, effective - 10/1/92

Nathan Stewart Rosenstein, History, effective - 10/1/92

Sam A. Meier, Judaic and Near Eastern Languages and Literatures, effective - 10/1/92

Howard Lewis Ulman, English, effective - 10/1/92

Jessica Prinz, English, effective - 10/1/92

Barbara J. McGovern, English, effective - 10/1/92

Debra A. Moddelmog, English, effective - 10/1/92

Eugene William Holland, French and Italian, effective - 10/1/92

Allan Jay Silverman, Philosophy, effective - 10/1/92

Glenn Allen Hartz, Philosophy, effective - 10/1/92

Diana Raffman, Philosophy, effective - 10/1/92

TENURE ONLY

Alamin Mazrui, Black Studies, effective - 10/1/92

UNIVERSITY LIBRARIES

PROMOTION TO ASSOCIATE PROFESSOR with TENURE

Geoffrey D. Smith, effective - 7/1/92

June 5, 1992 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

Promotions and Tenure (contd)

UNIVERSITY LIBRARIES (contd)

PROMOTION TO ASSOCIATE PROFESSOR

Mary N. Gouke, effective - 7/1/92  
Eleanor S. Block, effective - 7/1/92

PROMOTION TO ASSISTANT PROFESSOR with TENURE

Carol P. Hawks, effective - 7/1/92

COLLEGE OF MATHEMATICAL AND PHYSICAL SCIENCES

PROMOTION TO FULL PROFESSOR

Richard D. Kass, Physics, effective - 10/1/92  
Junko Shigemitsu, Physics, effective - 10/1/92  
L. Alayne Parson, Mathematics, effective - 10/1/92  
David Terman, Mathematics, effective - 10/1/92  
Gary J. Ferland, Astronomy, effective - 10/1/92  
Angela M. Dean, Statistics, effective - 10/1/92  
Thomas R. Lemberger, Physics, effective - 10/1/92  
Prabir Dutta, Chemistry, effective - 10/1/92  
John P. Klein, Statistics, effective - 10/1/92

PROMOTION TO ASSOCIATE PROFESSOR with TENURE

Randall L. Dougherty, Mathematics, effective - 10/1/92  
Peter D. March, Mathematics, effective - 10/1/92  
Terry Jean Wilson, Geological Sciences, effective - 10/1/92  
Susan V. Olesik, Chemistry, effective - 10/1/92  
Douglas Edward Critchlow, Statistics, effective - 10/1/92  
Anthony Michael Bloch, Mathematics, effective - 10/1/92

TENURE ONLY

Thomas Kappeler, Mathematics, effective - 10/1/92

COLLEGE OF MEDICINE

PROMOTION TO FULL PROFESSOR

Eric H. Kraut, Internal Medicine, effective - 7/1/92  
James A. Mulick, Pediatrics, effective - 7/1/92  
Caroline C. Whitacre, Medical Microbiology and Immunology, effective - 7/1/92

June 5, 1992 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

Promotions and Tenure (contd)

COLLEGE OF MEDICINE (contd)

PROMOTION TO FULL PROFESSOR (contd)

Michael S. Beattie, Cell Biology, Neurobiology and Anatomy, effective - 10/1/92  
Marshall V. Williams, Medical Microbiology and Immunology, effective - 7/1/92  
Richard H. Strauss, Preventive Medicine, effective - 7/1/92  
William Bruce Davis, Internal Medicine, effective - 7/1/92  
Donald W. Chakeres, Radiology, effective - 7/1/92  
Michael Francis Para, Internal Medicine, effective - 7/1/92  
John Mitchell Robinson, Cell Biology, Neurobiology and Anatomy, effective - 7/1/92

PROMOTION TO ASSOCIATE PROFESSOR with TENURE

U.K. B. Li, Pediatrics, effective - 7/1/92  
Anthony Charles Pearson, Internal Medicine, effective - 7/1/92  
Mary A. Fristad, Psychiatry, effective - 7/1/92  
Velimir Matkovic, Physical Medicine, effective - 7/1/92  
Timothy T. Wysocki, Pediatrics, effective - 7/1/92  
William P. Lafuse, Medical Microbiology and Immunology, effective - 7/1/92

PROMOTION TO ASSOCIATE PROFESSOR

Hussein M. Abou-Issa, Surgery, effective - 7/1/92

PROMOTION TO ASSISTANT PROFESSOR

David O. Yablok, Anesthesiology, effective - 7/1/92

TENURE ONLY

Michael J. Sullivan, Otolaryngology, effective - 7/1/92  
David Benjamin, Internal Medicine, effective - 7/1/92  
Kory M. Ward, Allied Medical Professions, effective - 7/1/92

CLINICAL FACULTY

PROMOTION TO CLINICAL PROFESSOR

Howard W. Lowery, Otolaryngology, effective - 7/1/92  
John W. Ray, Otolaryngology, effective - 7/1/92

June 5, 1992 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

Promotions and Tenure (contd)

COLLEGE OF MEDICINE (contd)

CLINICAL FACULTY (contd)

PROMOTION TO CLINICAL ASSOCIATE PROFESSOR

Patrick G. Ecklar, Internal Medicine, effective - 7/1/92  
James N. Parsons, Internal Medicine, effective - 7/1/92  
Wynn Smith, Otolaryngology, effective - 7/1/92  
Paula S. Butterfield, Internal Medicine, effective - 7/1/92  
Virginia H. Jones, Pediatrics, effective - 7/1/92  
Ann M. Rogers, Pediatrics, effective - 7/1/92  
Benedicta G. Enrile, Pediatrics, effective - 7/1/92  
Lawence M. Lubbers, Surgery, effective - 7/1/92  
John A. Brose, Family Medicine, effective - 7/1/92  
James N. Baird, Obstetrics and Gynecology, effective - 7/1/92

PROMOTION TO CLINICAL ASSISTANT PROFESSOR

Jefferson M. Burroughs, Internal Medicine, effective - 7/1/92  
John A. Drstvensek, Emergency Medicine, effective - 7/1/92  
Keith N. Norton, Pathology, effective - 7/1/92  
Frank Birinyi, Emergency Medicine, effective - 7/1/92  
Roger R. Dzwonczyk, Anesthesiology, effective - 7/1/92

COLLEGE OF MEDICINE

REGULAR CLINICAL FACULTY

PROMOTION TO PROFESSOR

Joel G. Lucas, Pathology, effective - 7/1/92  
Robert T. Brown, Pediatrics, effective - 7/1/92  
William L. Marsh, Pathology, effective - 7/1/92  
Arthur E. Pellegrini, Pathology, effective - 7/1/92

PROMOTION TO ASSOCIATE PROFESSOR

John R. Svirbely, Pathology, effective - 7/1/92  
E. Paul Howanitz, Surgery, effective - 7/1/92  
Rosemary E. Reiss, Obstetrics and Gynecology, effective - 7/1/92  
John V. Gaeuman, Internal Medicine, effective - 7/1/92  
Juan M. Bowen, Internal Medicine, effective - 7/1/92  
Robert T. Sickles, Family Medicine, effective - 7/1/92  
James M. Ryan, Internal Medicine, effective - 7/1/92  
Mary E. Mortensen, Pediatrics, effective - 7/1/92

June 5, 1992 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

Promotions and Tenure (contd)

COLLEGE OF MEDICINE (contd)

REGULAR CLINICAL FACULTY (contd)

REAPPOINTMENT ONLY

Janice Fay Blazina, Pathology, effective - 7/1/93  
Saeeda Mobin-Uddin, Obstetrics and Gynecology, effective - 7/1/93  
W. Randall McLaughlin, Ophthalmology, effective - 7/1/93  
Sedigheh Keyhani-Rofagha, Pathology, effective - 7/1/93  
Doris E. Walzak, Internal Medicine, effective - 7/1/93  
Cynthia G. Kreger, Internal Medicine, effective - 7/1/93  
Susan L. Koletar, Internal Medicine, effective - 7/1/93  
Rick E. Ricer, Family Medicine, effective - 7/1/93  
Loretta S. Davis, Internal Medicine, effective - 7/1/93  
Lucy Freedy, Radiology, effective - 7/1/93

PROMOTION TO ADJUNCT ASSISTANT PROFESSOR

Richard O. Pfau, Allied Medical Professions, effective - 7/1/92

COLLEGE OF NURSING

PROMOTION TO ASSOCIATE PROFESSOR with TENURE

Mary Ellen Wewers, Life Span Processes, effective - 10/1/92  
Barbara A. Smith, Family and Community, effective - 10/1/92  
Jennie L. Nickel, Family and Community, effective - 10/1/92

PROMOTION TO ASSOCIATE PROFESSOR

Nancy Ryan-Wenger, Life Span Processes, effective - 10/1/92

COLLEGE OF PHARMACY

TENURE ONLY

James D. Coyle, Pharmacy Practice, effective - 7/1/92

CLINICAL FACULTY

PROMOTION TO CLINICAL ASSISTANT PROFESSOR

Edward S. King, effective - 7/1/92  
Kerry K. Pickworth, effective - 7/1/92

June 5, 1992 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

Promotions and Tenure (contd)

COLLEGE OF SOCIAL AND BEHAVIORAL SCIENCES

PROMOTION TO FULL PROFESSOR

Stephen G. Cecchetti, Economics, effective - 10/1/92  
Robert A. Fox, Speech and Hearing, effective - 10/1/92  
Toby Lee Parcel, Sociology, effective - 10/1/92  
Daniel J. Christie, Psychology, effective - 10/1/92  
Joseph C. Jenkins, Sociology, effective - 10/1/92  
Jeffrey C. Rogers, Geography, effective - 10/1/92  
Gerald A. Winer, Psychology, effective - 10/1/92

PROMOTION TO ASSOCIATE PROFESSOR with TENURE

James W. Hikins, Communications, effective - 10/1/92  
John J. Skowronski, Psychology, effective - 10/1/92  
James R. McLeod, Anthropology, effective - 10/1/92

PROMOTION TO ASSOCIATE PROFESSOR

Stavros T. Constantinou, Geography, effective - 10/1/92

TENURE ONLY

Sonja K. Foss, Communications, effective - 10/1/92

COLLEGE OF SOCIAL WORK

PROMOTION TO ASSOCIATE PROFESSOR with TENURE

Elizabeth A. Segal, effective - 10/1/92

COLLEGE OF VETERINARY MEDICINE

PROMOTION TO ASSOCIATE PROFESSOR with TENURE

Daral J. Jackwood, Veterinary Preventive Medicine, effective - 7/1/92  
M. Judith Radin, Veterinary Pathobiology, effective - 7/1/92  
David E. Swayne, Veterinary Pathobiology, effective - 7/1/92

June 5, 1992 meeting, Board of Trustees

### **PERSONNEL ACTIONS (contd)**

#### Emeritus Titles

EDWARD J. TAAFFE, Department of Geography, with the title Professor Emeritus, effective July 1, 1992.

CHARLES C. WILLER, Department of Horticulture, with the title Instructor Emeritus, effective March 1, 1992.

VALERIE A. BEHM, School of Allied Medical Professions, with the title Clinical Instructor Emeritus, effective March 1, 1992.

#### Medical Staff Appointments (The Ohio State University Hospitals)

STARLING, RANDALL CARSON, Attending Staff, Department of Internal Medicine--Division of Cardiology

STECHSCHULTE, ELIZABETH A., Courtesy Staff, Department of Internal Medicine--Division of General Medicine

PAWEL, BRUCE ROBERT, Courtesy Staff, Department of Pathology

GROVAS, ALFRED CARLOS, Attending Staff, Department of Pediatrics

RAYO, BARBARA B., Courtesy Staff, Department of Pediatrics

HARRIS, RANDALL E., Attending Staff, Department of Preventive Medicine

FISHER, WILLIAM EDWARD, Limited Staff, Department of Surgery--Division of General Surgery

FISCHER, RICHARD A., Attending Staff, Department of Surgery--Division of Orthopaedic Surgery

EARLY, RICHARD EDWIN, Limited Staff, Department of Obstetrics and Gynecology

KARNITIS, SUE ANN, Courtesy Staff, Department of Pediatrics

FIELDS, HENRY WILLIAM, Attending Staff, College of Dentistry--Division of General Dentistry

COULTER, JAMES (transfer from Courtesy to Attending Status), Department of Family Medicine

MEZGER, RONALD (transfer from Courtesy to Attending Status), Department of Family Medicine

SOBOL, WARREN (transfer from Attending to Courtesy Status), Department of Ophthalmology

Upon motion of Mr. Kessler, seconded by Mr. Celeste, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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### **STUDENT AFFAIRS COMMITTEE REPORT**

Ms. Cusack:

At the Student Affairs Committee meeting today we had a presentation on recognizing and funding student organizations by Jim Kane, Luke Evans, Dr. Russ Spillman. Approximately 500 student organizations register at Ohio State annually. Registration is not an endorsement or approval by the University of an organization's purposes or activities. Registration entitles an organization to a number of privileges, including use of university facilities, logos, and identifying marks, the use of internal order forms to arrange for university goods and services, and also various training and consultation services offered by student organization services.

June 5, 1992 meeting, Board of Trustees

**STUDENT AFFAIRS COMMITTEE REPORT (contd)**

Ms. Cusack: (contd)

Aside from fund raising, the primary funding source for student organizations is the Council of Student Affairs which is called CSA. You will each be receiving a copy of the registration form for student organizations for your review. It should give you a better idea of what it takes to become a student organization at Ohio State and how the whole process for student organizations works.

We also had reports from the student government presidents. Since this was Sean Tipton's last meeting, he began by introducing his successor Karen Duncan, as the new president of CGS. Sean informed us that the graduate students have been fairly quiet as they wrap up the year. However, there is some real concern about financial aid, primarily in terms of the Graduate Associateships. Many students have no idea whether they will be funded at all for next year in light of the current budget crisis. I just wanted to thank Sean for everything. He did a fantastic job this year as graduate student president and he was a great voice for graduate students.

We also had a report from John Hilbert who attended his first meeting as the official president of USG, the Undergraduate Student Government. He has already selected and conducted several meetings with his new cabinet. All members of USG and Crime Watch Escort Service will be participating in cultural sensitivity training as a new program in USG. USG will work this out with Ombud Services to facilitate the program.

Finally, the Committee is recommending an expression of appreciation for Sean Tipton for his services as president of the Council of Graduate Students, for Sophia L. Paige for her service this past year as president of the Inter-professional Council, and also for Christine Chen for her service as president of USG earlier this year.

**EXPRESSION OF APPRECIATION**

Resolution No. 92-149

Synopsis: The Student Affairs Committee recommended an Expression of Appreciation to Sean B. Tipton.

WHEREAS Sean B. Tipton, a doctoral candidate in Political Science, has served as President of the Council of Graduate Students during the past year; and

WHEREAS Sean has served the University in an exemplary manner, both in academic and leadership roles; and

WHEREAS he has carried out his duties with a high degree of integrity and professionalism; and

WHEREAS he has earned the respect and regard of faculty, staff and students with whom he has interacted:

NOW THEREFORE

June 5, 1992 meeting, Board of Trustees

**EXPRESSION OF APPRECIATION (contd)**

BE IT RESOLVED, That this Board expresses appreciation to Sean B. Tipton for his outstanding contributions of leadership and service to The Ohio State University and wishes him happiness, good health, and success in the future.

Upon motion of Ms. Casto, seconded by Mr. Kessler, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**EXPRESSION OF APPRECIATION**

Resolution No. 92-150

Synopsis: The Student Affairs Committee recommended an Expression of Appreciation to Sophia L. Paige.

WHEREAS Sophia L. Paige, a student in The College of Medicine, has served as the first student member of The Ohio State University's Board of Trustees; and

WHEREAS Sophia has given generously of her time to serve as a role model for students in secondary schools to encourage them to pursue a college education; and

WHEREAS her academic endeavors extended into professional contributions of the highest standards; and

WHEREAS she has served as President of the Interprofessional Council during this past year and has earned the respect and regard of faculty, staff and students with whom she has interacted:

NOW THEREFORE

BE IT RESOLVED, That this Board expresses appreciation to Sophia L. Paige for her outstanding contributions of scholarship, leadership, and service to The Ohio State University and wishes her happiness, good health, and success in the future.

Upon motion of Ms. Casto, seconded by Mr. Kessler, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**EXPRESSION OF APPRECIATION**

Resolution No. 92-151

Synopsis: The Student Affairs Committee recommended an Expression of Appreciation to Christine Chen.

WHEREAS Christine Chen is a senior majoring in Sociology, has served as President of the Undergraduate Student Government; and

WHEREAS she has served as vice president of the Student Alumni Council; and

June 5, 1992 meeting, Board of Trustees

**EXPRESSION OF APPRECIATION (contd)**

WHEREAS Christine has served in several leadership roles at the University; and

WHEREAS she has demonstrated her commitment to furthering the missions and goals of The Ohio State University:

NOW THEREFORE

BE IT RESOLVED, That this Board expresses its thank and appreciation to Christine Chen for her dedicated leadership and service to The Ohio State University and wishes her happiness, good health, and success in all her future endeavors.

Upon motion of Ms. Casto, seconded by Mr. Kessler, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**INVESTMENTS COMMITTEE REPORT**

Amb. Wolf:

The Investments Committee heard the monthly Endowment Summary Report for the period April 17, 1992 through May 15, 1992. The market value of the Endowment Fund on May 15, 1992 was \$400.7 million. This total was approximately \$4.5 million below the April 17, 1992 market value. The market value of the equity portion of the Endowment Fund decreased \$6.6 million, while the Fixed Income portion increased \$1.4 million during this reporting period. Net new additions to the Endowment Fund for May totalled \$854,000.00.

Since July 1, 1991, the beginning of the fiscal year, the Endowment Fund has increased over \$49 million. Net new additions are just over \$26.5 million, a new one-year high. The net change in market value has accounted for an increase of \$27.3 million. The current asset allocation for the Endowment is 58 percent invested in equities, 27 percent in fixed income, 9 percent in real estate, and 6 percent in cash equivalents. The total return for the Endowment Fund thus far in Fiscal Year 1992 is 10.9 percent.

The Investments Committee next heard the quarterly report on Total Cash and Investments for the University. It was reported that the total of cash and investments for all accounts as of March 31, 1992, was \$730.9 million. This was an increase of \$4.1 million from the quarter ended December 31, 1991. The primary reason for this increase came from a \$7.7 million net increase in the University's Operating Funds. Total cash and investments since the beginning of the fiscal year has increased \$71.3 million, primarily due to the increase in the University Endowment Fund.

Next, the Investments Committee heard reports on Endowment Fund Properties, the Busch Boulevard Centre, and the River Road Hotel Corporation. It was noted that the \$34 million Endowment Real Estate Portfolio has a total annual return of 8.7 percent, which is not bad, in this particular market. And that concludes my report, Mr. Chairman.

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June 5, 1992 meeting, Board of Trustees

**AGRICULTURAL AFFAIRS COMMITTEE REPORT**

Mr. Colley:

Mr. Chairman, the Agricultural Affairs Committee plans to meet on the following dates this year: July 17, in conjunction with the 100-year celebration and Centennial, at the Ohio Agricultural Research and Development Center in Wooster; August 14, at the State Fair; and September 22 at the Farm Science Review in London, Ohio. Plans for next year include two meetings: one at the southwest district office of the Ohio Cooperative Extension Service, and the second at the western branch of the Ohio Agricultural Research and Development Center in Vandellia, and South Charlestown, respectively.

Mr. Chairman, that concludes my report.

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**REPORT - UNIVERSITY'S ENDOWMENT FUND  
QUARTERLY REPORT**

Resolution No. 92-152

RESOLVED, That the quarterly report on the University's Endowment Fund, dated May 15, 1992, as submitted to the Investments Committee of the Board of Trustees, be received and filed with the official records of the Board.

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**REPORT - UNIVERSITY'S CASH AND INVESTMENTS  
QUARTERLY REPORT**

Resolution No. 92-153

RESOLVED, That the quarterly report on the University's Endowment Fund, dated March 31, 1992, as submitted to the Investments Committee of the Board of Trustees, be received and filed with the official records of the Board.

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Thereupon the Board adjourned to meet Friday, July 10, 1992, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio.

Attest:

Madison H. Scott  
Secretary

John J. Barone  
Chairman



July 10, 1992 meeting, Board of Trustees

The Chairman, Mr. Barone, called the meeting of the Board of Trustees to order on July 10, 1992, at 12:00 noon. He requested the Secretary to call the roll.

Present: John J. Barone, Chairman, Deborah E. Casto, John W. Kessler, Leslie H. Wexner, Alex Shumate, Theodore S. Celeste, Michael F. Colley, George A. Skestos, and Kristen Cusack.

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#### PRESIDENT'S REPORT

President Gee:

Good morning. Today, as this Board considers the proposed budget for the coming year, we are faced with enormous challenges. Let me affirm though to all of the members of this Board that while state support has declined, there is and must be no lessening of our resolve not only to sustain this great University, but to continue to move it forward. And I think it is appropriate to ask how will we do this?

I was thinking about this last evening, because one of our very talented students, Ben Hadley, had the answer. Ben is an outstanding student from Columbus. He is a Phi Beta Kappa, majoring in international studies and, I might note, also plays on the rugby team. Tuesday evening, Ben joined me in Ironton, Ohio, at the Lawrence County Alumni meeting. He spoke eloquently, as our students so often do, of his Ohio State experience to the assembled friends of Ohio State and to eleven high-ability juniors and their parents from that area who joined us. Ben said that a student needs two things to succeed at Ohio State: assertiveness and courage. Being assertive enough to find out what resources are available and take full advantage of them. Courageous enough to accept change, to question yourself, and to seek new solutions and fresh perspectives.

I believe that Ben's advice to students is also excellent advice for all of us at this time. We must be assertive in fully and effectively utilizing our resources in support of our highest priorities. We must assertively carry our message to the people of this state. And, we must have the courage to seek new solutions and make some very, very tough decisions.

Make no mistake about it, the budget we have today will protect the academic core of our University. It is, and remains, our number one priority. It is our mission and our very reason for being. You will hear more particulars from Vice President Shkurti on the actions that will enable us to fulfill our responsibilities and realize our opportunities.

However, I do want to mention one very important initiative we are taking in order to better support our teaching mission. As you have heard me say before, we must help our students and faculty deal with a very critical problem, that of what has now been euphemistically called the closed course problem. The faculty has developed an outstanding undergraduate curriculum designed to prepare our graduates for leadership in the next century and for lifelong learning. It is highly frustrating, however, to suggest — and even require — courses of our students in which, quarter after quarter, there is no room for them to enroll. It frustrates not only them, but also their family members who are supporting them toward a degree. I assert therefore that we have an obligation to do all we can within the constraints of our budget to give some relief in this area. To that end, we are setting aside \$1.5 million to better meet the needs of high demand courses. This translates into about 16,000 seats in these classes.

July 10, 1992 meeting, Board of Trustees

#### PRESIDENT'S REPORT (contd)

President Gee: (contd)

Furthermore, we will continue to move forward with a number of institutional initiatives whose success will greatly impact the quality of our intellectual enterprise. These include: continuing the implementation of the General Education Curriculum, supporting the very important Young Scholars Program, and continuing our four-year initiative to attract increasing numbers of Ohio's high-ability scholars. In these and other areas, the momentum we have gained over the past year must continue to build. And even in this very tough time I believe that it will, because we have such extraordinary people at this University whose commitment and loyalty mean so much to us at this time in particular. However, success will require more than that. All of us together must have the courage and will to make some very difficult decisions. Such decisions are necessary in order to reallocate resources to those things determined to be of the highest priority. That is why it is imperative that our academic planning process continue to move forward.

In this transition year, we are for the first time tying budget decisions to university-wide goals. The tough decisions I speak of are not simply rhetoric or abstract ideas. They are reality to the deans, department, and division heads who are facing differential cuts. They are reality to the members of our Ohio State family who are directly affected. And they are felt well beyond our campuses.

I know that you have read about some of these decisions. I would rather not have to make the kinds of reductions we now face. But I have no choice. And we also have no choice but to make them while at the same time moving forward. This is a time that calls for the courage to innovate. To seek creative solutions to our challenges. To accept change where it is required. And, above all, the courage to stand fast behind the high standards that are expected of us and that we expect of ourselves as a university.

As I was traveling in southern Ohio earlier this week, my spirits continued to be lifted by the hundreds of alumni, parents of our students, community leaders, and friends of Ohio State. They expressed to me their commitment to the importance of higher education and its value in their lives. They shared their gratitude to and support for Ohio State. I assured them, as I do each member of this Board, that we will work tirelessly to advance the quality of our University in this particular time. Mr. Chairman, that completes my report.

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Mr. Barone:

At this time we will have a report from Mr. Patrick Foley.

Mr. Patrick Foley:

I am here to request that you, the members of the Board of Trustees, reinstate me to my position as Acquisitions Clerk for Engineering and Materials Science Engineering libraries.

I have created these documents that explain why I believe I should be reinstated and what happened to me while I was employed at the University.

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Mr. Foley: (contd)

I believe that I am an outstanding employee, and based on the work situation, and my work as Acquisitions Clerk, I think I should be reinstated.

I ask that you seriously review these documents with the intent of reinstating me to my position.

Are there any questions?

I want to thank you for the opportunity to present this information to you, and for your time in considering it.

Mr. Barone:

Mr. Foley, I believe Vice Chairperson Debbie Casto has a statement to make.

Ms. Casto:

I would like to thank you, Mr. Foley, for sharing your concerns with the Board. We can appreciate your thoughts about this matter. After we have reviewed all these documents we will inform you as to our decision.

Mr. Foley:

Okay, thanks a lot. Thank you.

Mr. Barone:

Thank you, Mr. Foley.

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Mr. Barone:

We will now have a presentation by a representative of A.C.T.I.O.N., Mr. Dana Bruce.

Mr. Dana Bruce:

Thank you, Mr. Chairman. As you are well aware, the members of A.C.T.I.O.N., an expanding group of African faculty, staff, and students at The Ohio State University, have worked tirelessly over the past ten weeks to address the enhancement of OSU's African constituency. To his credit, OSU President E. Gordon Gee has committed both time, administrative staff and future resources to the mutually-agreeable resolution of the issues of racism (white supremacy) which have led us to take the principled position that we will call for a boycott of OSU by potential African students, including student-athletes, unless the University makes it clear through demonstrated commitment to existing and future initiatives and programs that African people are a valued and nurtured consistency here.

In response to our May 4 document, listing 22 demands and concerns addressing some of our core problems, Dr. Gee has moved swiftly, meeting many of the issues by charging various senior-level administrators in his cabinet to join us in a committee-structure set up to flesh out the stated University commitment to our issues.

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Mr. Bruce: (contd)

These committees have been instructed to deliver to the President an interim report some time next week and a final report at the end of the summer. We wish to take this opportunity to give you our mid-term report in summary fashion, in anticipation of the more extensive and inclusive document currently being generated by both sides. Progress has been slow in some instances, but we are as cognizant of the constraints of current University policy and procedure as the Gee administration is to our determination to remove African people from an environment that does not markedly improve. Here, then, is a brief sketch of the committee progress to date:

The first order of business is the University Black Action Plan Committee. It has become evident that this Committee, represented by Linda Tom, Vice President for Human Resources, has been given more responsibility than it has the authority to implement. However, in close association with the Provost's office, we have received a commitment to revitalizing and refining the University Black Action Plan, including the possible grouping of all protected group action plans under an "Oversight Board" with both incentive and penalty-issuing authority. This is consistent with our suggestion that all areas at the University currently concerned with the progress of "minority" groups be routed to an enhanced central Office of Minority Affairs. We have met twice and feel that progress has been fair.

The second order of business is the Capital Campaign/African Development Fund Committee. We have received the support, counsel, and experience of Campaign Director, Art Brodeur and the University Development office as we flesh out the details of a plan designed to produce \$1 million per annum in a fund which will afford both creative new programs and augmentation of existing programs for African people. We have met twice and feel that progress, pending the presentation of the actual plan, has been good.

The third order of business is the African-American Living/Learning Center Committee. The plan of the pilot program for the living/learning center has been completed by Rebecca Parker, Office of Residence and Dining Halls, in conjunction with A.C.T.I.O.N. It should be at the Vice President for Student Affairs office. We are comfortable with the structure to date and wish to reiterate the non-discriminatory purpose of a project designed to create an environment of living and learning about African intellectual and social culture for African and non-African students. We encourage your support in helping us dispel the myth that this project is segregationist in nature. Once again, progress has been good.

The fourth order of business is the Black Studies Enhancement Committee. There has been some movement toward the articulation of our vision of the OSU Department of African World Studies as a preeminent nationally-acclaimed program with a fully-staffed and supported Ph.D. component; however, inertia from both the Provost's office and the department level has left us very cautious and in deep anticipation of the interim report to the President. We have only met once and feel that progress has been poor to fair.

The fifth order of business is the Frank W. Hale, Jr. Cultural Center Completion Committee. There have been solid and clearly defined timetables established in accordance with the priority one funding request in the 1992 biennial budget submission to the Ohio Legislature. Vice Presidents Pichette and Shkurti, the University Architect's office, and the Office of Campus Planning have attacked this project with vigor. We hope that their report will reflect an equal level of enthusiasm for our step-by-step input in the upcoming process of building planning, design, and program implementation. Your approval of the renaming of the former

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Mr. Bruce: (contd)

Bradford Commons to Hale Hall has boosted the morale of the hundreds of students, staff, and faculty who frequent the Center weekly, even in its abbreviated summer hours of operation. Two meetings have left us with a sense that progress has been good.

These committees do not reflect all of our concerns raised in our May 4 document; however, they do trace the commitment flowing from the presidential level to best deal with our concerns in a manner consistent with the present administration's commitment to high quality education with the greatest possible degree of efficiency and moral compassion for all concerned.

In full agreement with the spirit of President Gee's push for excellence and efficiency, A.C.T.I.O.N. wishes to propose the consolidation of programs affecting minority people under an expanded and enhanced Office of Minority Affairs (OMA). Our concept of this new OMA would involve an umbrella oversight office with sub-offices which specifically address the concerns of each constituency, hence a Department of African Affairs, Department of Latino Affairs, Department of Asian Affairs, etc. This would accomplish many goals, including: 1) The reduction of duplication of effort between the Office of Student Life and OMA; 2) The granting of relative autonomy to those working directly with each group to allow for the creation of a constituent-specific and university-wide retention philosophy.

As we close, we remind you that the clock is ticking on our decision to boycott OSU if we cannot see substantial progress by the end of the summer. The letters to hundreds of blue-chip African athletes in all sports have been written and are awaiting mailing should our mutual efforts fail. Likewise, the parents of thousands of African children across the state and country will receive word of our failure to improve our lot, including the parents of OSU's Young Scholars Program.

We do not wish to convey that we are posturing or threatening any one or thing. We fully realize that we are all in this environment together and that we can only make it work together. We promise to keep you regularly updated on our progress and we await both the interim reports and the final summer report, in anticipation of our September report to our larger constituency which will decide our course of action. Thank you for your time, continued patience, and support as we work to empower each other. May the ancestors guide you in your thoughts and in your hearts.

Mr. Barone:

Thank you, Mr. Bruce. At this time I'd like to call upon Vice Chairperson Casto.

Ms. Casto:

Thank you, Mr. Barone. We'd like to thank you for your comments, they've enlightened our sensitivity to these critical concerns. As a Board, we are committed to having effective affirmative action programs and specifically African-American issues that are facing our faculty, staff, and students. We fully support President Gee to rejuvenate the various programs so that they are effective and supportive. We are aware that the previous commitments fell short of their mission. We are confident that President Gee will implement changes to ensure appropriate goals and aspirations that can be realized by the entire university community.

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Mr. Bruce:

Are there any further questions?

Mr. Barone:

Mr. Shumate, did you have a question?

Mr. Shumate:

I don't have any questions, but I would like to respond and begin by thanking Mr. Bruce for his presentation this morning. I would also like to thank the other members of A.C.T.I.O.N. who are here in the audience.

I attended the first meeting at which time President Gee addressed A.C.T.I.O.N. at the Hale Center. Let me say that throughout this process A.C.T.I.O.N. has demonstrated thoughtful consideration of the issues and has done its homework in considering and discussing many of the issues that you've presented today.

I think it's important, as Ms. Casto said, for you to realize that this Board of Trustees is also very concerned about what appears to be a lack of effectiveness in some of the areas. We fully support President Gee's efforts to reinvigorate the programs that we have here as well as to evaluate and reevaluate those programs, services, and offices. We, too, want effective results and effective action.

This morning I just want to reconfirm our commitment; to encourage the President to exercise the judgement that he feels is the most appropriate; and to look not only at the structure, but also at the personnel in these areas to make sure that we have both the programs, policies, and people in place to achieve the results that all of us share. Thank you.

Mr. Barone:

Thank you, Mr. Shumate. Mr. Celeste, would you care to comment?

Mr. Celeste:

I'd just like to add that I really appreciate your taking the time, Mr. Bruce, to come before us and present what has been a long and very carefully thought out process. I would add my support to what both Alex and Debbie have said in terms of supporting the actions of the President and making sure that we respond accordingly.

Mr. Bruce:

Thank you, very much. Are there any further questions or comments?

Mr. Barone:

Thank you, Mr. Bruce.

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FISCAL AFFAIRS COMMITTEE MEETING

Mr. Shumate:

The Fiscal Affairs Committee will be a committee of the whole this morning and the first item on the agenda is the discussion of the budget for 1992-93 -- the current funds budget. I would like to call upon Vice President Shkurti.

Mr. Shkurti:

Thank you, Mr. Shumate. I guess it would be an understatement to describe this as a very challenging budget. Ten days ago we had no idea what our subsidy or tuition would be, and both of these account for 90 percent of the University's income.

The fact that there is a completed budget statement for you to review today is due to the hard work of a number of people throughout the University. Mr. Chairman, if you wouldn't mind, I would like to acknowledge these individuals.

Barb DeYoung, from University Budget Planning, is the person responsible for translating the subsidy numbers into what the reductions are for the University. Working with her is John Lowe and he is responsible for putting the budget book together. We were so proud of his effort that we let him out of the basement for the first time in 8 years to come to this meeting. Eric Kunz, Assistant Vice President for Budget Planning, is the newest supervisor in the finance area. Eric had the coincidence of good timing. He has been doing nothing but budget cuts since he arrived here a year and a half ago.

Liz Hart is chief of the Financial Management Section. Despite her youthful appearance she has been a University employee for 10 years, and assures me that this budget has been more fun than any she's done before. Liz had a great deal to do with putting together the fee and charge information and was also the only person that endured with me all the budget hearings with the vice presidents. Janet Achterman, Controller, is the person Liz reports to and is responsible for overseeing the University's accounting system. Her experience with the University and her counsel and advice to me were instrumental in getting this budget put together on time. To show you that University employees can do more than one thing at a time -- at the same time Janet was worrying about the budget, she also had to worry about getting the books closed for fiscal year 1992.

The final person I'd like to introduce does not work for the Office of Finance, but did play an important role in this budget -- Ed Ray, Associate Provost. Ed reports to Joan Huber and has inherited the budget responsibilities. He has been an extreme help to both Joan and myself in putting this budget together. So on behalf of this University, I would like to thank all of you for your efforts and the efforts of your co-workers in helping to get this document out on time.

Mr. Chairman, let me turn next to the substance of the budget. In a way the task before us is both simple and complex. It's simple in the sense that the President made it clear that the prime objective of this budget is to protect the academic core of this institution. That is why we are here and that is what we are about. The complication is how we do that in a time when our resources are declining both in real and in relative terms. That is not an easy thing to do, but as you will see we have protected the academic core and in some cases enhanced it.

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Mr. Shkurti: (cont'd)

The way we've been able to do that despite declining resources is by recommending unfortunately -- although I think we have no alternative but to do this -- no salary increases for faculty and staff in the coming year, and the elimination of up to 1,000 jobs throughout the campus and its assorted branches in other parts of the University. Even with doing these two measures of no salary increases and eliminating up to 1,000 jobs, that in itself is still not enough to accomplish what we need to do. So in addition, we will have to ask you to recommend a tuition increase for our students.

Now let me explain what each of these mean and how they fit together in the budget recommendations you have before you. When we talk about the academic core, we recognize that the primary purpose of this institution is teaching and research. So the academic core includes faculty, libraries, honors programs, and all the core courses that serve large numbers of students from different disciplines. The President mentioned earlier in his remarks that we've set aside \$1.5 million for 16,000 seats, to protect those seats in core courses, and to help deal with the course closing problem. That commitment remains no matter what happens to the budget over the next several months, even if we have further reductions and the power company turns out our lights that \$1.5 million will still go to core courses even if they have to be conducted in candle light.

I think the final element of the academic core has to be our students and the services that are important for those students to be able to get the kind of education they need at this institution. That includes services such as academic computing and financial aid which are critical to protecting the academic core of the institution.

Now let me talk next about salary increases. As I mentioned, we will not be able to provide salary increases for most University employees. Let me explain what I mean by that. The University, to the best we can tell from people who have been here a long time, has been able to do some sort of salary increase for its employees every year since the Great Depression. This year will be the first year we are not able to do that.

We have about 20,000 full-time equivalent employees. The issue I just mentioned of no salary increases applies to about three-quarters of them. About one-quarter of our full-time employees are on long-term contracts that have been negotiated. We will honor those contracts and where they call for a pay increase in most cases it's 4 percent. But in the cases where the University has discretion there will be no pay increase. In fact, the take-home pay will go down for those employees because additional money will be deducted for health insurance and other things.

In addition, we have a small number of faculty, about 100, that are up for merit promotion in this cycle. We will honor those merit promotion commitments. Again, these are faculty that are promoted on the basis of merit not simply because they have been here. This is the time in the cycle where they're up for their review and we felt it would be unfair to them, and would do damage to the academic core, to not recognize those promotions. But otherwise there will be no pay increases and, in fact, a decrease in take-home pay.

Next, let me elaborate on what I mean by the loss of up to 1,000 jobs throughout the University. These jobs mean positions -- many of which are vacant -- because a lot of units have been running on less than full strength knowing that we have a budget problem to deal with. So when the position is eliminated it will go off the

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Mr. Shkurtl: (contd)

books, the budget authority will leave, but it will not necessarily be a person in that position. However, because of the large number of positions that have to be eliminated over a fairly short period of time, there will be layoffs involved throughout the University over the next couple of months. We hope to avoid those as much as we can. Linda Tom's people are working to try and place people whose positions are being eliminated in other parts of the University. For people that are not regular faculty, some of this job loss will occur to filled positions and people will be laid off.

In addition, a substantial portion of these positions are students. Both graduate students who do teaching for us and undergraduate students who work in various functions throughout the University. Under state law and the way these positions are defined, these aren't really counted as layoffs. But if you're a graduate or undergraduate student who is working your way through college and you had a job last year and you don't have a job this year the effect is the same as a layoff because it makes it a lot harder to put together the income you need to continue.

The figure of up to 1,000 jobs -- I also want to clarify -- includes: both the main campus, the branch campuses, and our agricultural campuses both in Wooster and in other parts of the campus. In some cases the cuts will be more severe in agriculture because of the reductions in the line-item than they will be to the main campus.

Now even with these steps of no salary increases and the loss of up to 1,000 positions, it will still not be enough to close the gap between available resources and protecting the academic core. So the third step of the budget plan is an increase in tuition. If we tried to make up the entire reduction in state subsidy that the University has suffered as a result of the July budget cuts, it would require a tuition increase of 20 percent. Let me say that again, if we were to make up the entire budget reduction we received in July by increasing tuition -- that's about \$30 million -- that would require a tuition increase of 20 percent. We do not feel this would be fair to our students. We do need to come up with some additional income to close the gap and protect the academic core. So we are recommending to you a tuition increase of 7 percent, which is about \$100 for an in-state undergraduate student. If the tuition cap is lifted, a tuition increase of up to 9 percent is possible. We do this reluctantly and would prefer not to raise tuition at all. But if the choice is between an increase in tuition or doing permanent damage to the academic core, which is why the students are here, our choice has to be to protect the academic core.

Let me make one other point. This is a somewhat unstable budget period. The State is finding a problem in projecting its resources and the University depends on state resources. Even if we go ahead and implement all the steps I mentioned -- the loss of jobs, the tuition increases, and the other steps -- it still may not be enough. It is possible we will have to come up with another \$10 million in either revenue increases or spending reductions between now and the end of the year to have the budget balance for the University.

Now a lot of this depends on what happens in the final subsidy distribution by the Board of Regents which is our largest source of income. We won't know what that final subsidy distribution is until December. That will depend on the number of students enrolled at Ohio State and also throughout the system in Ohio. Until we know that, the number could change by at least plus or minus \$5 million. So it

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Mr. Shkurtl: (contd)

leaves a certain amount of uncertainty in terms of dealing with our budget in the months ahead.

In addition, there still hasn't been a final decision on what the fee caps are for state universities. We also won't know until fall quarter what our fall enrollment is. That affects both subsidy and tuition. For those reasons we have stopped short of developing a plan for a full \$33 million in cuts. The steps I mentioned earlier will save us \$23 million. And, again, we could have to come up with another \$10 million we hope as the maximum. We will know better as the year goes on, but we will have a plan to you no later than January 15, 1993, on how we plan to close the additional \$10 million gap if that's necessary.

Now what I've covered so far is stressing our primary goal which is to protect the academic core and how we're protecting it with less resources. Let me talk just a minute about the process of how we got to this point. Planning for this budget began 6 months ago. The first step was a clear set of objectives on what it is we wanted to accomplish. That was stated in the President's letter to the campus community on January 13, 1992. He stated that the first priority was protecting the academic core. So I think we're at least being consistent with what our objectives are.

In the two months that followed detailed consultations began with the University Senate Fiscal Committee, which is part of our governing structure, with the deans, with the vice presidents, and with other elements of the campus community on how we would achieve these goals in what looked like a very unstable resource environment. During the month of March, criteria on how budget reductions would be applied to both academic and academic support units were shared with the appropriate University personnel and various scenarios were developed on how to deal with a variety of possible budget situations. You may recall these criteria and scenarios were reviewed with the Board at our April and May Board meetings. Once the Governor made his decision on how the budget would be dealt with in Fiscal Year 1993, we then took those numbers and tried to match them with the goals, applied the criteria we talked about, and are bringing forward to you the budget recommendation.

The resolution that we're asking you to vote on today simply asks you to give us the authority to take the next step then in implementing this budget. It sets the parameters on tuition, pay, fees, and budget expenditures, and sets forth the procedure for the second step to achieve up to \$10 million in reductions. What I need to make clear is that the budget resolution you're being asked to vote upon today does not ask for you to vote on specific eliminations of any unit or any part of a unit, or any specific program. Those eliminations will be handled initially throughout administrative channels and then where University policy appropriately requires the Board will act on such eliminations. That will be brought forward to you at the appropriate time.

Let me summarize by again stressing that our single most important goal is to protect the academic core of this institution no matter what, even though resources are in significant decline, by not giving out discretionary pay raises, by eliminating 1,000 positions, and by asking for an increase in tuition from 7 to 9 percent. I think the process we've used is a good one. We made the best of a difficult situation. I think by making tough decisions and tough choices among various parts of the University, all of which are important functions, I think we can look toward moving forward and continuing to succeed even though the resources environment is less

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Mr. Shkurti: (cont'd)

than what we would have liked. Mr. Chairman, that concludes my presentation. If you or any other members of the Board have any questions, I would be glad to respond.

Mr. Shumate:

Thank you, Mr. Shkurti. I know the Board members have previously received written material and as you've pointed out we've discussed the process and the priorities at earlier meetings. But certainly if there are any questions, please feel free to raise them at this time. Any questions? Thank you. I'd also like to thank Mr. Shkurti and his staff, on behalf of the Board, for the excellent job they have done in dealing with a very tough, difficult situation and for the timeliness of the information that you've given to the Board.

1992-93 CURRENT FUNDS BUDGET

Resolution No. 93-1

Synopsis: The budget for fiscal year 1992-93 is being submitted for adoption.

WHEREAS the levels of resources have been identified for the second year of the 1991-93 biennium and

WHEREAS appropriate planning and consultation within the University has been accomplished; and

WHEREAS the President is now prepared to present the 1992-93 budget:

NOW THEREFORE

BE IT RESOLVED, That the University's Current Funds Budget for fiscal year 1992-93, as described in the accompanying text and tables, be approved, with authorization for the President to make expenditures within the projected income levels; and

BE IT FURTHER RESOLVED, That the President, in consultation with the Provost and Vice President for Finance, provide to the Board prior to January 15, 1993 recommendations for further spending reductions or revenue increases up to \$10 million to assure that General Funds expenditures do not exceed revenues for the fiscal year ending June 30, 1993; and

BE IT FURTHER RESOLVED, That tuition and fees be increased for all students beginning Autumn Quarter 1992 as specified in the Schedule of Student Fees incorporated in this resolution which is in compliance with current legislation and that the President be authorized to increase tuition and fees up to 9.5% over FY 1992 levels provided future legislation or Controlling Board action so permits; and

BE IT FURTHER RESOLVED, That the Secretary be instructed to incorporate all supporting documents into the minutes of this meeting, including Fees and Charges, and to file these materials with the official records of this University.

Upon motion of Mr. Shumate, seconded by Mr. Kessler, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix I for charts, page 49.)

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EMPLOYMENT OF ARCHITECTS/ENGINEERS AND REQUEST FOR CONSTRUCTION BIDS

Resolution No. 93-2

LABORATORY ANIMAL CENTER BUILDING #2

Synopsis: Authorization to employ architects/engineers and request construction bids for the listed project is proposed.

WHEREAS the University desires to construct an addition to and remodel the Laboratory Animal Center Building #2 to house a monkey containment facility; and

WHEREAS this project will include the addition of approximately 12,000 square feet, and renovation of existing space, including cage washing equipment, automatic animal watering system, and large sterilizers; and

WHEREAS the total estimated project cost is \$2,500,000.00, and total estimated construction cost is \$2,000,000.00, with funding provided from University bond proceeds:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to select qualified architectural/engineering firms as necessary for this project and that the fees for these services be negotiated between the firms selected and The Ohio State University; and

BE IT FURTHER RESOLVED, That the President and/or Vice President for Business and Administration be authorized to request construction bids on this project in accordance with established University procedures, and if satisfactory bids are received, to award contracts, with all actions to be reported to this Board at the appropriate time.

Upon motion of Mr. Shumate, seconded by Ms. Casto, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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REPORT OF AWARD OF CONTRACTS AND ESTABLISHMENT OF CONTINGENCY FUNDS

Resolution No. 93-3

- COMMUNICATIONS LAB DEMOLITION
- BOTANY AND ZOOLOGY GREENHOUSE AND 12TH AVENUE PARKING GARAGE
- HASKETT HALL - EXTERIOR MASONRY REPLACEMENT
- MORRILL TOWER RESIDENCE HALLS UPGRADE TREATMENT, PHASE III
- STARLING-LOVING - COMPUTER CENTER MACHINE ROOM EXPANSION
- OARDC - WOOSTER CAMPUS ROAD RESURFACING
- AGRICULTURE BUILDINGS LAB RENOVATIONS

Synopsis: Acceptance of the report of award of contracts and the establishment of contingency funds for the listed projects is recommended.

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REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

COMMUNICATIONS LAB DEMOLITION  
BOTANY AND ZOOLOGY GREENHOUSE AND 12TH AVENUE PARKING GARAGE  
HASKETT HALL - EXTERIOR MASONRY REPLACEMENT  
MORRILL TOWER RESIDENCE HALLS UPGRADE TREATMENT, PHASE III  
STARLING-LOVING - COMPUTER CENTER MACHINE ROOM EXPANSION  
OARDC - WOOSTER CAMPUS ROAD RESURFACING  
AGRICULTURE BUILDINGS LAB RENOVATIONS (contd)

WHEREAS resolutions adopted by the Board of Trustees on October 5, 1990, March 1, 1991, and September 6, 1991 authorized the President and/or Vice President for Business and Administration to request construction bids in accordance with established State of Ohio and University procedures, and if satisfactory bids were received to award contracts for the following projects: Communications Lab Demolition, Haskett Hall - Exterior Masonry Replacement, Morrill Tower Residence Halls Upgrade Treatment, Phase III, Starling-Loving - Computer Center Machine Room Expansion, OARDC - Wooster Campus Road Resurfacing, and Agriculture Building Lab Renovations; and

WHEREAS a resolution adopted by the Board of Trustees on July 12, 1991 authorized the President and/or Vice President for Business and Administration to request construction bids in accordance with established University and State of Ohio procedures, and if satisfactory bids were received to recommend the award of contracts for the following projects: Botany and Zoology Greenhouse and 12th Avenue Parking Garage.

NOW THEREFORE

BE IT RESOLVED, That pursuant to the actions previously authorized by this Board, the report of award of contracts and establishment of contingency funds for these projects is hereby approved.

Upon motion of Mr. Shumate, seconded by Ms. Casto, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix II for background and map, page 55.)

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Ms. Tom:

The Ohio Revised Code governing the Public Employees Retirement System requires that the University, as a covered State agency, in the event that the work force is to be reduced by the lesser of 10 percent or 50 people in a 6-month period, must put in place an early retirement incentive program. In that the University's reductions will exceed the number 50, we are requesting your approval to implement a one-year early retirement incentive program. The details of that are in your Board book under the Benefits tab.

The program would run for one year starting from August 1, 1992, through July 31, 1993. Under this program the University will purchase up to one year of service credit for eligible members in the Public Employees Retirement System. Eligibility for the program must be someone that is currently able to retire today, or with the one-year service which entitles them to retirement. We believe this type of program clearly meets the mandate of the law and is the most appropriate approach under the circumstances facing the University today.

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PERS EARLY RETIREMENT INCENTIVE PROGRAM

Resolution No. 93-4

WHEREAS the Ohio Revised Code Section 145.298 requires State entities to implement retirement incentive plans with the Public Employees Retirement System of Ohio (PERS) in designated employing units during periods when staff reductions reach levels specified in the aforementioned code; and

WHEREAS the Ohio Revised Code Section 145.297 enables State agencies and institutions of higher education to establish voluntary retirement incentive plans for individuals at their respective institutions who are members of the Public Employees Retirement System (PERS); and

WHEREAS there exists significant uncertainty related to the staff reductions in the University's colleges and administrative areas; and

WHEREAS the University desires to both comply with the mandatory section of the aforementioned code and to provide more flexibility in its long term planning for its human resource needs;

NOW THEREFORE

BE IT RESOLVED, That effective August 1, 1992, and continuing for one year thereafter, the University will establish a voluntary plan under O.R.C. Section 145.297 and purchase service credit for eligible PERS members electing to retire under this plan, and further that the amount of service credit purchased shall not exceed the lesser of one year or twenty percent (20%) of the individual's total service credited by PERS as of the date the eligible PERS member elects to participate in this plan; and

BE IT FURTHER RESOLVED, That to be eligible, all participants must be members of PERS and be currently eligible to retire or eligible to retire after including service credit to be purchased under the plan; and

BE IT FURTHER RESOLVED, That the maximum number of eligible members under this plan will be limited to five percent (5%) of the total number of individuals at the University who are members of PERS as of August 1, 1992, and further that if the total number of persons applying for this program exceeds the five percent (5%) maximum, then approval for participation will be determined in accordance with O.R.C. Section 145.297(C); and

BE IT FURTHER RESOLVED, That the President and/or Vice President for Human Resources are hereby authorized to notify the Public Employees Retirement System on the official form approved by that agency of the Ohio State University's election to participate in the retirement incentive plan in accordance with O.R.C. Section 145.297 and the terms of this resolution; and

BE IT FURTHER RESOLVED, That Appendix LV of Board Resolution No. 92-76, pertaining to re-employment of retired individuals, will not apply to individuals who retire under this program and who are subsequently re-hired by the University.

Upon motion of Mr. Shumate, seconded by Mr. Skestos, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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RESEARCH FOUNDATION REPORT

Mr. Celeste:

You should all have a Research Foundation book in front of you and I will just make some brief comments on the highlights of that book. I am pleased to report that the increase in research funding received by The Ohio State University Research Foundation continues to show real growth. If you look under Tab 1, you will notice that the award level for the period July through May, is 23.49 percent above the same period last year. The number of awards received for the current period has increased from 1,298 to 1,401. This month there has been a significant increase in the awards received from the National Institutes of Health.

Under Tab 2 you will find the various expenditure summaries. It is particularly noteworthy that the expenditures for personnel, and in this case its graduate students and post doctorates, are approaching fifty percent of the total expenditures.

Some projects of special interest that were funded in the month of May are listed under Tab 3. I thought you might be interested that our Engineering faculty are participating in a multi-institutional effort to change the engineering curriculum from a focus on course content to a focus on development of human resources with broader experiences. In the second project, the National Cancer Institute is funding a project to identify analogs of ellagic acid, a natural plant product, for their ability to inhibit cancer of the esophagus. In the third project, The George Gund Foundation is funding an on-the-farm education program where farmers, students, and researchers are learning partners. This project emphasizes self-reliance and environmental conservation, management of ecological processes, and an agriculture based on renewable resources while minimizing the use of petrochemicals.

Under Tab 4 is the list of all projects funded in May.

Listed under Tab 5 is a table of funding received from the various departments of the State of Ohio over the last five years. A portion of these awards represent pass-through funding from federal agencies.

Under Tab 6 is information on the Ohio Board of Regents Research Challenge Program. I would like to ask Vice President Ed Hayes to make a few comments about this important program.

Dr. Hayes:

Thank you, Mr. Celeste. The Research Challenge Program is a Board of Regents Program designed to stimulate new and expanded research efforts at The Ohio State University and its two independent research universities. In the six years that the program has been in existence the externally funded research programs at Ohio's research universities have increased by nearly 70 percent.

Here at The Ohio State University Research Challenge Funding has been essential to the formation and growth of many research programs including the Net Shape Manufacturing Center, the Biotechnology Center, and the Center for Materials Research. Each of these centers has competed successfully for major federal research funding for our students and for the modern instrumentation essential to the education and training of future generations of scientists and engineers. Unfortunately, the recent State of Ohio budget reductions have resulted in nearly

RESEARCH FOUNDATION REPORT (cont'd)

Dr. Hayes: (cont'd)

a 50 percent reduction in this program for the 1991-1993 biennium. Such a large reduction, about \$4 million at Ohio State, will have serious negative implications for our plans to double external research funding for graduate students and research. Other details on this program are included under Tab 6. Thank you.

Mr. Celeste:

Finally, if you will look in the booklet under Tab 7 there are two recent press releases issued by University Communications highlighting recent research activity. That concludes my remarks.

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

Resolution No. 93-5

Synopsis: The reports on contracts, grants, and gifts and the summary for May 1992 are presented for Board acceptance.

WHEREAS monies are solicited and received on behalf of the University from governmental, industrial, other agencies, alumni, and various individuals in support of research, instructional activities, and service; and

WHEREAS such gifts are received through The Ohio State University Research Foundation, the Engineering Experiment Station of The Ohio State University, The Ohio State University Development Fund, and The Ohio State University Foundation.

NOW THEREFORE

BE IT RESOLVED, That the research agreement between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the reports from the Engineering Experiment Station, The Ohio State University Development Fund; and The Ohio State University Foundation during the month of May 1992 be approved.

Upon motion of Mr. Celeste, seconded by Mr. Kessler, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

	<u>Summary</u>		
	MAY 1992		
<u>Source</u>	<u>7/1/90-5/31/91</u>	<u>7/1/91-5/31/92</u>	<u>May 1992</u>
The Ohio State University Research Foundation	\$110,839,674.40	\$136,872,282.20	\$9,063,023.11
Engineering Experiment Station	\$ 6,425,515.00	\$ 5,320,780.00	\$ 417,072.00
OSU Foundation and Development Fund	\$ 45,565,502.00	\$ 45,256,911.00	\$3,647,287.00

July 10, 1992 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

Summary (contd)

MAY 1992 (contd)

The Ohio State University Development Fund

Establishment of Named Funds

The L. Edwin Smart Lecture Series in Economics Fund (Fund an annual series of lectures in Economics)	\$ 106,652.70
The Leadership, Education and Development Endowment Fund (Leadership programs involving farming, agri-business and other related professions)	\$ 25,025.00
The L. Edwin Smart Teaching Awards in Economics Fund (Provide recognition to teaching assistants and faculty members)	\$ 25,000.00
The Philip R. Uhl in Innovation Fund in Business (Advance the interests of the College of Business)	\$ 25,000.00
The Katherine Stuckey Grimm Scholarship Fund (Undergraduate scholarships in the College of Human Ecology)	\$ 15,500.00
The Dr. Peter and Alice Lanclone Endowment Fund in Family Medicine (Scholarships)	\$ 15,000.00

Change in Name of Named Fund

From: The Provico Big-H OARDC Faculty Research Awards Fund  
To: The Provico, Inc. OARDC Faculty Research Awards Fund

Change in Name and Description of Named Fund

From: Francis W. Davis Fellowship for the Department of Photography and Cinema  
To: The Francis W. Davis Fellowship for Photography and Cinema

Change in Description of Named Funds

Ralph B. Goodsell Memorial Fund  
Robert E. Goodsell Fund  
Ronald DeCourcy Goodsell Memorial Fund  
The Madison County 4-H Endowment Fund  
The Ross County 4-H Endowment Fund

July 10, 1992 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Establishment of Named Funds

The L. Edwin Smart Lecture Series in Economics Fund

The L. Edwin Smart Lecture Series in Economics Fund was established July 10, 1992 by the Board of Trustees of The Ohio State University with a transfer of funds from The L. Edwin Smart Economics Symposium Fund which the Board of Trustees established on February 8, 1988, with gifts from L. Edwin Smart, Jr., New York City, as a memorial to his father, L. Edwin Smart Sr. (B.A. '16; M.A. '23; Ph.D. '30), Professor of Economics at The Ohio State University (1921-1962), and in appreciation of his own secondary education at the then University School of The Ohio State University (1935-1941).

All gifts are to be invested in the University's Permanent Endowment Fund under the rules and regulations adopted by the Board of Trustees of The Ohio State University with the right to invest and reinvest as occasion dictates.

The annual income shall be used to fund the expenses for an annual series of lectures in Economics. The chairperson of the Department of Economics, or their designee, shall be responsible for the administration of the lecture series and selection of the participants.

It is the desire of the donor that this fund should benefit the University in perpetuity as a memorial to this father and that all proceeds from this fund shall be used in his honor. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

The Leadership, Education and Development  
Endowment Fund

The Leadership, Education and Development Endowment Fund was established July 10, 1992, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from members of the Ohio Agricultural Council, the Nationwide Insurance Foundation, and other organizations and friends of The Ohio State University's College of Agriculture LEAD program.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used for programs to enhance and improve the leadership skills and abilities of men and women involved in farming, agri-business, and other related professions. The intent of a leadership program is to combine training, travel and instruction in those areas: (1) leadership skills; (2) agricultural and economic trends; (3) international trade and relations; (4) interpersonal relations and communication skills; (5) local, state and national political processes; (6) development and welfare of local communities and neighborhoods; and (7) cultural awareness.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the dean of the College of Agriculture to carry out the desire of the donors with preference to the economic and leadership programs of the College of Agriculture.

July 10, 1992 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The L. Edwin Smart Teaching Awards in Economics Fund

The L. Edwin Smart Teaching Awards in Economics Fund was established July 10, 1992, by the Board of Trustees of The Ohio State University, with a transfer of funds from The L. Edwin Smart Economics Symposium Fund which the Board of Trustees established on February 8, 1988, with gifts from L. Edwin Smart, Jr., New York City, as a memorial to his father, L. Edwin Smart, Sr. (B.A. '16; M.A. '23; Ph.D. '30), Professor of Economics at The Ohio State University (1921-1962), and in appreciation of his own secondary education at the then University School of The Ohio State University (1935-1941).

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide recognition to teaching assistants and faculty members for their teaching achievements. The awards shall acknowledge such areas of accomplishment as shall be determined by a teaching awards committee appointed by the officers of the Undergraduate Economics Society on a yearly basis.

It is the desire of the donor that this fund should benefit the University in perpetuity as a memorial to his father and that all proceeds from this fund shall be used in his honor. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

The Phillip R. UhlIn Innovation Fund In Business

The Phillip R. UhlIn Innovation Fund in Business was established July 10, 1992, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from Mr. Phillip R. UhlIn (B.S. Bus. Adm. '69; M.B.A. '70).

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used by the Dean of the College of Business to further advance the interests of the College.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

July 10, 1992 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Katherine Stuckey Grimm Scholarship Fund

The Katherine Stuckey Grimm Scholarship Fund was established July 10, 1992, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from the family and friends of Katherine S. Grimm.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used for scholarships for undergraduate students enrolled in the College of Human Ecology. Selection of the scholarship recipients shall be made by the Dean of the College of Human Ecology, or their designee, in consultation with the University Committee on Student Financial Aid.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the Dean of the College of Human Ecology, department chairperson or program administrative officer in order to carry out the desire of the donors.

The Dr. Peter and Alice Lancione Endowment  
Fund In Family Medicine

The Dr. Peter and Alice Lancione Endowment Fund in Family Medicine was established July 10, 1992, by the Board of Trustees of The Ohio State University, with a gift to The Ohio State University Development Fund from J. Boyd and Penelope L. Binning in honor of Mrs. Binning's parents, Dr. Peter (B.A., Anatomy, 1932) and Alice Lancione.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to support scholarships and partial stipends with preference for the selection of the recipient given to those individuals who have expressed a commitment to practicing family medicine in a rural or small community in Ohio as determined by the Chairperson for the Department of Family Medicine and Dean for the College of Medicine in cooperation with the University Committee on Student Financial Aid.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the Chairperson for the Department of Medicine, the Dean for the College of Medicine, or program administrative officer in order to carry out the desire of the donors.

July 10, 1992 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (cont'd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (cont'd)

Change In Name of Named Fund

The Proviso, Inc. OARDC Faculty  
Research Awards Fund

The Proviso Blg-H OARDC Faculty Research Awards Fund was established July 6, 1990, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from Proviso, Inc., a large Ohio feed manufacturer serving seven states from their eleven branches and the headquarters office in Bolkins, Ohio, and Bill Gauntt, longtime employee of Proviso. The name of the fund was revised July 10, 1992.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to recognize Ohio Agricultural Research and Development Center scientists who have made an outstanding contribution in the advancement of agriculture or an agricultural-related science and technology. The guiding philosophy in evaluation of nominees will be their nationally and internationally recognized contributions while an OARDC faculty member in basic applied and developmental research activities, and/or conceptual contributions to their respective disciplines. Nominees will be evaluated by an OARDC Awards Committee which shall include one employee from Proviso, Inc., and six faculty members appointed by the Director of OARDC.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donors.

Change In Name and Description of Named Fund

The Francis W. Davis Fellowship for  
Photography and Cinema

The Francis W. Davis Fellowship for the Department of Photography and Cinema was established September 2, 1983, by the Board of Trustees of The Ohio State University, with a gift to The Ohio State University Development Fund from Agnes Turner Davis (B.S. '30). The name and description were revised July 10, 1992.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used for a graduate fellowship in photography or cinema with preference being given to a qualified student whose major area is studio, laboratory, historical, or theoretical studies in photography. Should no such candidate be found in any given year, the fellowship may be given to a qualified student whose major area is studio, laboratory, historical, or theoretical studies in cinema or in video.

July 10, 1992 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (cont'd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (cont'd)

Change In Name and Description of Named Fund (cont'd)

The Francis W. Davis Fellowship for  
Photography and Cinema (cont'd)

The fellowship shall be awarded to an outstanding student with the potential for making a significant contribution to the field, and shall be given only when all conditions are met. The selected student must be an enrolled candidate for the Master of Arts degree in photography or cinema; recommended by the Graduate Committee of the Department of Art and/or the Department of Theatre, and approved by the Chairperson of the Department of Art or the Department of Theatre and the Dean of the College.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees with preference being given to recommendations from the appropriate administrative officer of the University who is then directly responsible for photography and cinema studies.

Change In Description of Named Funds

Ralph B. Goodsell Memorial Fund

The Ralph B. Goodsell Memorial Fund was established March 24, 1966, by the Board of Trustees of The Ohio State University, with a gift to The Ohio State University Development Fund from Robert E. Goodsell (Arts '24) in memory of his brother, Ralph B. Goodsell (B.S. Bus. Adm. '32). The description was revised July 10, 1992.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide one or more merit scholarships for Goodsell Distinguished Scholars, Medalists and/or University Scholars. Students shall be selected based upon the criteria sanctioned by the Senior Vice President for Academic Affairs and Provost and administered by the University Honors Center in consultation with the University Committee on Student Financial Aid.

This merit scholarship initiative is the result of the recommendations from the 1990 University Task Force on Undergraduate Recruitment and the 1990-1991 Undergraduate Recruitment Implementation Steering Committee to the Senior Vice President for Academic Affairs and Provost.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Change in Description of Named Funds (contd)

Robert E. Goodsell Fund

The Robert E. Goodsell Fund was established March 24, 1966, by the Board of Trustees of The Ohio State University, with a gift to The Ohio State University Development Fund from Robert E. Goodsell (Arts '24). The description was revised July 10, 1992.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide one or more merit scholarships for Goodsell Distinguished Scholars, Medalists and/or University Scholars. Students shall be selected based upon the criteria sanctioned by the Senior Vice President for Academic Affairs and Provost and administered by the University Honors Center in consultation with the University Committee on Student Financial Aid.

This merit scholarship initiative is the result of the recommendations from the 1990 University Task Force on Undergraduate Recruitment and the 1990-1991 Undergraduate Recruitment Implementation Steering Committee to the Senior Vice President for Academic Affairs and Provost.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

Ronald Decourcy Goodsell Memorial Fund

The Ronald DeCourcy Goodsell Memorial Fund was established February 9, 1967, by the Board of Trustees of The Ohio State University, with a gift to The Ohio State University Development Fund from Robert E. Goodsell (Arts '24) in memory of his brother, Ronald DeCourcy Goodsell (B.S. Pharm '28). The description was revised July 10, 1992.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide one or more merit scholarships for Goodsell Distinguished Scholars, Medalists and/or University Scholars. Students shall be selected based upon the criteria sanctioned by the Senior Vice President for Academic Affairs and Provost and administered by the University Honors Center in consultation with the University Committee on Student Financial Aid.

This merit scholarship initiative is the result of the recommendations from the 1990 University Task Force on Undergraduate Recruitment and the 1990-1991 Undergraduate Recruitment Implementation Steering Committee to the Senior Vice President for Academic Affairs and Provost.

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Change in Description of Named Funds (contd)

Ronald Decourcy Goodsell Memorial Fund (contd)

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

The Madison County 4-H Endowment Fund

The Madison County 4-H Endowment Fund was established December 6, 1991, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from the Madison County 4-H Committee and other friends of the Madison County 4-H Program. The description was revised July 10, 1992.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to support the Madison County 4-H Program. This support may include, but is not limited to, the funding of scholarships and awards for 4-H members, volunteer leaders and friends of 4-H; sponsoring seminars and programs; purchasing materials or services that will supplement 4-H programming or increase the visibility and public support for 4-H in Madison County. All expenditures from this fund shall be approved by the Madison County 4-H Endowment Board of Trustees.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the Director for the Ohio Cooperative Extension Service in consultation with a committee representing the local 4-H donors.

The Ross County 4-H Endowment Fund

The Ross County 4-H Endowment Fund was established May 1, 1992, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from the Ross County 4-H Committee and other friends of the Ross County 4-H Program. The description was revised July 10, 1992.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to support the Ross County 4-H Program. This support may include, but is not limited to, the funding of scholarships and awards for 4-H members; volunteer leaders and friends of 4-H; sponsoring seminars and programs; purchasing material or services that will supplement 4-H programming or increase the visibility and public support for 4-H in Ross County. All expenditures from this fund shall be approved by the Ross County 4-H Advisory Committee and the professional in charge of the Ross County 4-H Program.

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Change In Description of Named Funds (contd)

The Ross County 4-H Endowment Fund (contd)

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the Director for the Ohio Cooperative Extension Service in consultation with a committee representing the local 4-H donors.

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HOSPITALS BOARD COMMITTEE REPORT

Mr. Celeste:

The Hospitals Board's Professional Affairs/Education/Research Committee and Executive Committee met on Thursday, June 25.

The first part of the Professional Affairs meeting was devoted to an executive session review of confidential data related to the Hospitals' quality and resource management. Dr. Bay compared University Hospitals data from February through April 1991, with parallel data from the 490 hospitals participating in the Maryland Hospital Association Quality Indicator Project. Although the other hospitals include small and/or specialty hospitals, and are therefore not our true peers, we appear to compare quite well on the 15 indicators utilized. The Committee also reviewed and discussed current quality indicators specific to our own Hospitals. Mr. Fraloy pointed out that the information provided to our Hospitals Board through the efforts of the quality and resource management staff and medical staff leadership is unique and quite well done.

The Executive Committee received the annual Service Board report presented by retiring president Sandy Sherrill. Dr. Paul Kaplan discussed the annual Program Evaluation for Dodd Hall, our rehabilitation hospital. The remainder of the meeting was devoted to an executive session for discussion of an ongoing medical staff credentialing issue.

That ends my report, Mr. Chairman.

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CANCER HOSPITAL QUARTERLY REPORT

Dr. Schuller:

Thank you, Mr. Chairman. Since our last report in February 1992, The Arthur G. James Cancer Hospital and Research Institute Oversight Committee of the Board of Trustees has met on a monthly basis. The following represents a condensed report from those meetings.

CANCER HOSPITAL QUARTERLY REPORT (contd)

Dr. Schuller: (contd)

In the areas of statistical and financial reporting the Committee reviewed activities of the James Cancer Hospital through the third quarter of fiscal year '91-92, which proved to be quite favorable as statistical and financial performance continues to support a positive variance from projections in admissions, patient days, and census. This has resulted in an average occupancy rate of greater than 90 percent over the first 9 months, which has continued through May 31, 1992. Subsequently, the financial reports have reflected a 47 percent positive variance over budget, showing a loss of \$1.8 million through March 31, 1992, as compared to a projected loss of \$3.5 million.

At each meeting the medical director and administrative director of the quality assurance department reported on the Hospital operations currently monitored under quality assurance. All continuous quality improvement indicators were well below or close to the threshold in all areas of health care delivery and operations. During the last quarter, the James Cancer Hospital received official notification from the Joint Commission on Accreditation of Health Care Organizations that all surveyed operations were within standards. Consequently, the institution was awarded a 3-year full accreditation. Additionally, the last quarter has witnessed the initiation of interoperative radiation therapy, one of only a few in the United States, which received extensive news coverage. Also the availability of the chemotherapy agent, Taxall, which is unique to the James Cancer Hospital in this part of the country, continues to result in an increasing number of patients from a multi-state area. The James Cancer Hospital has now treated patients in some 27 different states in the United States.

The ambulatory care services of the James Cancer Hospital continue to increase steadily with an overall increase of 30 percent over last year in surgical and medical outpatient oncology. The administration of the James Cancer Hospital presented the proposed fiscal year '92-'93 operational and capital budget to the Oversight Committee at its May meeting. This proposed operating budget which is based on an overall increase in admissions, patient days, average daily census, outpatient activities, and units of service is submitted to the University Board of Trustees at this time. Thank you, Mr. Chairman. I'll be glad to answer any questions.

Mr. Barone:

Thank you, Dr. Schuller.

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ACADEMIC AFFAIRS COMMITTEE REPORT

Mr. Kessler:

The Academic Affairs Committee received a report this morning from Dean Gary Floyd who reported to us on the progress and status of the general education curriculum (GEC) offerings in the College of Biological Sciences. He discussed the various courses offered to undergraduates and the increased demand for them.

Dr. Floyd also talked about the two biology courses that the College offers in the Young Scholars Program -- one for pre-seventh graders and one for pre-eleventh graders. The College recently received a NIH Grant for \$610,000 to support the

ACADEMIC AFFAIRS COMMITTEE REPORT (contd)

Mr. Kessler: (contd)

eleventh grade program, and they have been told by NIH that their program is being studied as a possible model for the entire country.

In addition, the Committee is recommending the following resolutions:

RENAMING OF DEPARTMENT

Resolution No. 93-6

Synopsis: The Academic Affairs Committee recommended the approval to rename the Department of German to the Department of Germanic Languages and Literatures.

WHEREAS the proposed name change of the Department of German to the Department of Germanic Languages and Literatures has been approved by the faculty of the Department, and by the College of Humanities Executive Committee; and

WHEREAS the proposed name change more accurately and fully describes the Department where language courses in Dutch, Scandinavian, and Swedish as well as German and other Germanic languages are taught; and

WHEREAS faculty members in the Department teach courses in literature and culture as well as in language; and

WHEREAS this proposed change has the approval of the Council on Academic Affairs, and was approved by the University Senate at its June 6, 1992 meeting;

NOW THEREFORE

BE IT RESOLVED, That the proposal to change the name of the Department of German to the Department of Germanic Languages and Literatures, effective July 1, 1992, is hereby approved.

Upon motion of Mr. Kessler, seconded by Mr. Celeste, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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RENAMING OF DEPARTMENT

Resolution No. 93-7

Synopsis: The Academic Affairs Committee recommended the approval to rename the Department of Physical Medicine to the Department of Physical Medicine and Rehabilitation.

WHEREAS the proposed name change of the Department of Physical Medicine to the Department of Physical Medicine and Rehabilitation has been approved by the faculty in the department, the College of Medicine Executive Committee, and the College of Education; and

WHEREAS the professional name of the discipline is known as Physical Medicine and Rehabilitation as reflected in academic journals, textbooks, the American Board of Physical Medicine and Rehabilitation, and the three major national organizations in this field; and

RENAMING OF DEPARTMENT (contd)

WHEREAS the name change of the department is in line with the national trend which incorporates "rehabilitation" as part of the department name and better reflects what the department does; and

WHEREAS the Council for Research and Graduate Studies has approved the change of name for the graduate program in Physical Medicine; and

WHEREAS the proposed change has the approval of the Council on Academic Affairs, and was approved by the University Senate at its June 6, 1992 meeting;

NOW THEREFORE

BE IT RESOLVED, That the proposal to change the name of the Department of Physical Medicine to the Department of Physical Medicine and Rehabilitation, with concomitant name changes in the department's graduate program, effective July 1, 1992, is hereby approved.

Upon motion of Mr. Kessler, seconded by Mr. Celeste, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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ESTABLISHMENT OF NAMED CHAIR

Resolution No. 93-8

Synopsis: The Academic Affairs Committee recommended the approval of the establishment of a named chair.

WHEREAS in accordance with the guidelines previously established by the Board, The Helen L. Kurtz Chair in Chemical Engineering Fund was established July 6, 1990, through funds received by the University from Helen L. Kurtz of Coshocton, Ohio and Tampa, Florida; and

WHEREAS the funding has now reached the level required to establish a named chair;

NOW THEREFORE

BE IT RESOLVED, That the annual income from The Helen L. Kurtz Chair in Chemical Engineering shall be used to attract and retain an internationally recognized scholar in the field of chemical engineering. This support shall provide supplemental salary, plus expenses for research, for professional travel and graduate and undergraduate student assistants. Appointment to the chair shall be recommended by the Dean of the College of Engineering to the Provost and approved by The Ohio State University Board of Trustees.

Upon motion of Mr. Kessler, seconded by Mr. Celeste, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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ESTABLISHMENT OF NAMED CHAIR

Resolution No. 93-9

Synopsis: The Academic Affairs Committee recommended the approval of the establishment of a named chair.

July 10, 1992 meeting, Board of Trustees

ESTABLISHMENT OF NAMED CHAIR (contd)

WHEREAS In accordance with the guidelines previously established by the Board, The Ralph W. Kurtz Chair in Mechanical Engineering Fund was established July 6, 1990, through funds received by the University from Ralph W. Kurtz (B.M.E. '23) of Coshocton, Ohio and Tampa, Florida; and

WHEREAS the funding has now reached the level required to establish a named chair;

NOW THEREFORE

BE IT RESOLVED, That the annual income from The Ralph W. Kurtz Chair in Mechanical Engineering shall be used to attract and retain an internationally recognized scholar in the field of mechanical engineering. This support shall provide supplemental salary, plus expenses for research, for professional travel and graduate and undergraduate student assistants. Appointment to the chair shall be recommended by the Dean of the College of Engineering to the Provost and approved by The Ohio State University Board of Trustees.

Upon motion of Mr. Kessler, seconded by Mr. Celeste, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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DEGREES AND CERTIFICATES - SUMMER QUARTER COMMENCEMENT

Resolution No. 93-10

Synopsis: The Academic Affairs Committee recommended the approval of Degrees and Certificates for Summer Quarter.

WHEREAS pursuant to paragraph (E) of rule 3335-1-06 of the Administrative Code, the Board has authority for the issuance of degrees and certificates; and

WHEREAS the faculties of the colleges and schools shall transmit, in accordance with rule 3335-9-29 of the Administrative Code, for approval by the Board of Trustees the names of persons who have completed degree and certificate requirements;

NOW THEREFORE

BE IT RESOLVED, That the degrees and certificates be conferred on September 3, 1992, to those persons who have completed the requirements for their respective degrees and certificates and are recommended by the colleges and schools, and that the names of those persons awarded degrees and certificates be included in the minutes of this meeting.

Upon motion of Mr. Kessler, seconded by Mr. Shumate, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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July 10, 1992 meeting, Board of Trustees

PERSONNEL ACTIONS

Resolution No. 93-11

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the June 5, 1992 meeting of the Board, including the following Appointments, Reappointment of Principal Administrative Officials, Appointment of Chairpersons and Director, Reappointment of Chairpersons and Director, Contract Extension, Leave of Absence Without Salary, Professional Improvement Leaves, Professional Improvement Leaves--Cancellations, Professional Improvement Leaves--Change in Dates, Promotions and Tenure, and Emeritus Titles, as detailed in the University Budget be approved.

Appointments

Name: ALBERT L. CLOVIS  
Title: Professor (The Joseph S. Platt - Porter, Wright, Morris & Arthur Professorship in Law)  
College: Law  
Effective: August 16, 1992  
Salary: \$100,464.00  
Present Position: Professor, College of Law

Name: TED A. GRACE, M.D.  
Title: Director  
Office: Student Health Service  
Effective: August 1, 1992  
Salary: \$112,500.00  
Present Position: Director, Student Health Services, San Diego State University

Name: TIMOTHY S. JOST  
Title: Professor (Newton D. Baker - Baker & Hosteller Chair in Law)  
College: Law  
Effective: August 16, 1992  
Salary: \$78,600.00  
Present Position: Professor, College of Law

Name: LAWRENCE A. KENNEDY  
Title: Professor (The Ralph W. Kurtz Chair in Mechanical Engineering)  
Department: Mechanical Engineering  
Term: October 1, 1992 - September 30, 1997  
Salary: \$119,004.00  
Present Position: Chairperson and Professor, Department of Mechanical Engineering

Name: VIOLET I. MEEK  
Title: Dean and Director  
Campus: Lima Regional Campus  
Effective: July 1, 1992  
Salary: \$84,048.00  
Present Position: Acting Dean and Director, The Ohio State University Lima Campus

Name: SHELDON G. SHORE  
Title: Professor (Charles H. Kimberly Professorship in Chemistry)  
Department: Chemistry  
Term: April 1, 1992 - March 31, 1997  
Salary: \$82,524.00  
Present Position: Professor, Department of Chemistry

July 10, 1992 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Appointments (contd)

Name: PHILIP C. SORENSEN  
Title: Professor (Presidents Club Professorship in Law)  
College: Law  
Effective: August 16, 1992  
Salary: \$95,160.00  
Present Position: Professor, College of Law

Name: STACY WEISLOGEL  
Title: Acting Dean  
College: Engineering  
Effective: July 1, 1992  
Salary: \$103,956.00  
Present Position: Associate Dean, College of Engineering -- Administration and Professor, Department of Aviation

Name: NANCY L. ZIMPHER  
Title: Acting Dean  
College: Education  
Effective: July 1, 1992  
Salary: \$79,120.00  
Present Position: Associate Dean, College of Education -- Administration and Professor, Department of Educational Policy and Leadership

Reappointment of Principal Administrative Officials

JOHN O. RIEDL, Dean and Director, The Ohio State University Mansfield Campus, effective July 1, 1992, through June 30, 1997, pursuant to rule 3335-3-17 of the Administrative Code.

WILLIAM J. STUDER, Director of University Libraries, effective July 1, 1992, through June 30, 1997, pursuant to rule 3335-3-17 of the Administrative Code.

Appointment of Chairpersons and Director

July 1, 1992 through June 30, 1993

Materials Science and Engineering Pathology Robert H. Wagoner\*  
Kathryn P. Clausen\*

July 1, 1992 through June 30, 1996

Cooperative Extension Service Keith L. Smith  
Pharmaceuticals and Pharmaceutical Chemistry Robert W. Brueggemeier  
Veterinary Preventive Medicine Kent H. Hoblet

September 1, 1992 through June 30, 1996

Radiology Dimitrios G. Spigos

\*Acting

July 10, 1992 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Appointment of Chairpersons and Director (contd)

October 1, 1992 through September 30, 1993

Mechanical Engineering Lawrence A. Kennedy\*

Reappointment of Chairpersons and Director

July 1, 1992 through June 30, 1996

Center for Lake Erie Area Research (CLEAR) Jeffrey M. Reutter  
Dairy Science David L. Zartman  
Engineering Graphics John T. Demel  
Plant Pathology Charles R. Curtis

October 1, 1992 through September 30, 1993

Accounting and Management Information Systems William F. Bentz

October 1, 1992 through September 30, 1996

Black Studies William T. McDaniel  
Marketing James L. Glinter

Contract Extension

Name: JOHN H. COOPER  
Title: Head Football Coach  
Department: Athletics  
Term: April 1, 1992 - December 31, 1995  
Salary: \$114,000.00

\*Acting

Leave of Absence Without Salary

THOMAS A. SHOCKEY, Assistant Professor, Cooperative Extension Service, effective May 20, 1992, through June 30, 1992, for personal reasons.

Professional Improvement Leaves

CARTER IV. FINDLEY, Professor, Department of History, effective Autumn Quarter 1992 and Winter Quarter 1993.

ALAN R. OSBORNE, Professor, Department of Educational Theory and Practice, effective Winter Quarter and Spring Quarter 1993.

GAIL L. WALKER, Associate Professor, Department of East Asian Languages and Literatures, effective Autumn Quarter 1992, Winter Quarter and Spring Quarter 1993.

Professional Improvement Leaves--Cancellations

JOHN C. HUNTINGTON, Professor, Department of History of Art, effective Autumn Quarter 1992, Winter Quarter and Spring Quarter 1993.

July 10, 1992 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Professional Improvement Leaves--Cancellations (contd)

KRISHNASWAMY SRINIVASAN, Professor, Department of Mechanical Engineering, effective Autumn Quarter 1992, Winter Quarter and Spring Quarter 1993.

SABRA J. WEBBER, Associate Professor, Department of Judaic and Near Eastern Languages and Literatures, effective Autumn Quarter 1992, Winter Quarter and Spring Quarter 1993.

Professional Improvement Leaves--Change In Dates

ROBERT S. LIVESEY, Professor, Department of Architecture, change leave from Autumn Quarter 1991 and Winter Quarter 1992, to Winter Quarter 1992.

YUNG-HEE KWON, Associate Professor, Department of East Asian Languages and Literatures, change leave from Autumn Quarter 1992, Winter Quarter and Spring Quarter 1993, to Winter Quarter and Spring Quarter 1993.

Promotions and Tenure

COLLEGE OF AGRICULTURE

PROMOTION TO ASSOCIATE PROFESSOR WITH TENURE

Richard W. Clark, Agricultural Education, effective 7/1/92  
Michael S. Lilburn, Poultry Science, effective 7/1/92  
Robert W. McMahon, ATI, effective 7/1/92

COLLEGE OF THE ARTS

PROMOTION TO ASSOCIATE PROFESSOR WITH TENURE

Ellen Newman, Theatre, effective 10/1/92  
Wayne E. Carlson, Industrial Design, effective 7/1/92

COLLEGE OF EDUCATION

PROMOTION TO ASSOCIATE PROFESSOR WITH TENURE

Clare C. O'Neill, Educational Studies, effective 10/1/92

COLLEGE OF ENGINEERING

PROMOTION TO ASSOCIATE PROFESSOR WITH TENURE

Oliver G. McGee III, Civil Engineering, effective 10/1/92

COLLEGE OF HUMANITIES

PROMOTION TO FULL PROFESSOR

Vassilis Lambropoulos, Judaic and Near Eastern Languages and Literatures, effective 10/1/92

July 10, 1992 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Promotions and Tenure (contd)

COLLEGE OF LAW

PROMOTION TO FULL PROFESSOR

Nancy A. Rogers, effective 10/1/92

COLLEGE OF MEDICINE

PROMOTION TO ASSOCIATE PROFESSOR WITH TENURE

John J. Enyeart, Pharmacology, effective 7/1/92

COLLEGE OF MATHEMATICAL AND PHYSICAL SCIENCES

PROMOTION TO FULL PROFESSOR

Matthew Foreman, Mathematics, effective 10/1/92

PROMOTION TO ASSOCIATE PROFESSOR WITH TENURE

Sherwin J. Singer, Chemistry, effective 10/1/92

COLLEGE OF SOCIAL AND BEHAVIORAL SCIENCES

PROMOTION TO ASSOCIATE PROFESSOR WITH TENURE

Jay S. Hobgood, Geography, effective 10/1/92

UNIVERSITY LIBRARIES

PROMOTION TO ASSISTANT PROFESSOR AND TENURE

Sally A. Rogers, effective 7/1/92  
Norma J. Bruce, effective 7/1/92

Emeritus Titles

ROBERT S. BRODKEY, Department of Chemical Engineering, with the title Professor Emeritus, effective March 1, 1992.

KENNETH A. MARANTZ, Department of Art Education, with the title Professor Emeritus, effective July 1, 1992.

A. E. WALLACE MAURER, Department of English, with the title Professor Emeritus, effective April 1, 1992.

GIACOMO A. SANI, Department of Political Science, with the title Professor Emeritus, effective May 1, 1992.

July 10, 1992 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Emeritus Titles (contd)

BERNARD S. WEISS, College of Social Work, with the title Associate Professor Emeritus, effective June 1, 1992.

PELTON W. WHEELER, College of Dentistry (Orthodontics), with the title Clinical Associate Professor Emeritus, effective July 1, 1992.

Upon motion of Mr. Kessler, seconded by Ms. Casto, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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RESOLUTIONS IN MEMORIAM

Resolution No. 93-12

Synopsis: The Academic Affairs Committee recommended the approval of seven Resolutions in Memoriam.

RESOLVED, That the Board adopt the following Resolutions in Memoriam and that the President be requested to convey a copy to the families of the deceased.

Marion L. Ainsworth

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on April 14, 1992, of Marion L. Ainsworth, M.D., Clinical Professor Emeritus in the Department of Pediatrics, College of Medicine.

Dr. Ainsworth was born August 14, 1906, and received his medical degree from the University of Michigan in 1931. His internship in Pediatrics was served at Hurley Hospital in Flint, Michigan, and Detroit Children's Hospital from 1932-33, and his residency at Willard Parker Hospital in New York from 1933-34. He finished his training at Pittsburgh Children's Hospital where he was named Chief Pediatric Resident from 1934-35.

Dr. Ainsworth joined the Department of Pediatrics as a Clinical Instructor in 1937 and subsequently was promoted to Clinical Assistant Professor (1943), Clinical Associate Professor (1965), Clinical Professor (1972) and Clinical Professor Emeritus upon his retirement in September 1972. During his career, Marion Ainsworth also served as a medical consultant for the Ohio Bureau of Children with Medical Handicaps and as Health Commissioner for the City of Bexley.

Over the years, he had been a staunch supporter of the Department of Pediatrics, giving unstinting of his time and effort in the instruction and guidance of medical students and residents in his private office, and as attending physician on the wards and in the pediatric clinics. His devotion and loyalty to the Department of Pediatrics and his exemplary care of children in Central Ohio have set an example for all upcoming pediatricians to follow.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in their loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

July 10, 1992 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Esther A. Gilman

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on May 15, 1992, of Esther A. Gilman, Professor Emeritus in the School of Health, Physical Education and Recreation. She was 97 years old.

A graduate of Teachers College, Columbia University, class of 1918, Miss Gilman joined The Ohio State University in 1923, where she specialized in physical therapy. Upon her retirement in 1962, she was named Professor Emeritus.

Esther A. Gilman served as a Reconstruction Aide in the U.S. Army Medical Corps during World War I. It was then that physical therapy gained recognition as a new science as a result of the achievements gained in post-surgery care of war injuries. Miss Gilman was profoundly involved in physical therapy for the rest of her professional career. She was a charter and life member of the American Physical Therapy Association and an emeritus member of the American Association for Health, Physical Education, and Recreation. She was a registered Physical Therapist.

Miss Gilman, a native of Vermont, was born in Stockbridge, lived in Royalton throughout her public school days, and was valedictorian of her 1914 graduating class at Whitcomb High School. After graduating from Teachers College, Columbia, she obtained a master's degree from the same institution in 1931, a certificate in Physical Therapy from Harvard Medical School in 1926, and took graduate work at Stanford University in 1941.

On behalf of the University Community, the Board of Trustees expresses its sympathy and understanding to her family and friends. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Donald R. Glancy

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on May 30, 1992, of Donald R. Glancy, Associate Professor Emeritus in the Department of Theatre.

Born in Indiana, Professor Glancy received a bachelor of arts degree in 1949 from DePaul University and a master of arts degree in 1959 from Indiana University. Professor Glancy taught English, speech and theatre in high schools in Vandalia, Ohio, (1953-1954) and Battle Creek, Michigan (1954-1959). He also served as Director of Theatre, Kellogg Community College, Battle Creek (1954-1959). He joined the Department of Theatre at The Ohio State University in 1963 and taught in the department for 26 years until his retirement in 1989.

During his teaching career at the University, he moved across a wide spectrum of instructional areas. He was particularly active in the areas of dramatic theory and literature, providing for several generations of young theatre artist-scholars, remarkable courses in these areas as fundamental foundations of their knowledge and understanding the theatre. He directed numerous theses and dissertations. His students are found today across the country in significant positions as teacher-scholars, administrators, and professional theatre artists.

As a director of numerous productions at the University, as well as a guest director with the Columbus Light Opera Company, Professor Glancy brought thoughtful interpretation to a wide range of theatre masterpieces. His imaginative directorial abilities were seen in such productions as MAN AND SUPERMAN, HAMLET, OEDIPUS THE KING, THE RIVALS, KING LEAR, MADAME BUTTERFLY, H.M.G. PINAFORE, RUDDIGORE, THE YEOMAN OF THE GUARD, THE PIRATES OF PENZANCE, and THE MOST HAPPY FELLA.

July 10, 1992 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Donald R. Glancy (contd)

He served as chairperson of the department's Graduate Studies committee numerous times, contributing to the strength of the M.A., M.F.A., and Ph.D. degrees which the department offers. He also served as a member of the Research Committee and the Executive Committee of the Graduate School and as a member of the Graduate Council. His work as a member of the University Senate provided that body with additional insight into the arts.

On behalf of the University, the Board of Trustees expresses to the family its deepest sympathy and sense of understanding in their loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Lorane C. Kruse

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on May 8, 1992, of Lorane C. Kruse, Associate Professor Emeritus in the College of Nursing.

Lorane C. Kruse was born April 10, 1914, in Miles, Iowa. She began her education in nursing at Good Samaritan Hospital School of Nursing, Cincinnati, Ohio, graduating in 1947. She continued her education at The Ohio State University, earning a Bachelor of Science in Education degree in 1956. She completed a Master of Arts in Nursing Education at the University of Chicago in 1959. Ms. Kruse was a nurse, teacher, and administrator.

Professor Kruse joined the faculty of The Ohio State University School of Nursing as an instructor in 1956. She was promoted to the rank of Assistant Professor in 1960, and Associate Professor in 1968. She worked as a member of the teaching staff and served as Chairman of the Division of Leadership and Management. Lorane Kruse also served as the Assistant Director for Continuing Education and as Acting Director in the School of Nursing. From May 1973 until her retirement, Professor Kruse served as Assistant Director of the School of Nursing and assumed the additional role of School Secretary in 1975. She retired in 1979, and was named Associate Professor Emeritus.

As the Assistant Director for Continuing Education, Professor Kruse had several funded projects including a Family Nurse Practitioner Program funded by the Department of Health, Education and Welfare. Lorane Kruse was a strong supporter of nursing and was an active participant in the American Nurses' Association, the National League for Nursing, and Sigma Theta Tau. She held leadership positions in these organizations at the local, state, and national levels. Professor Kruse was a founding member of the Commission on Interprofessional Education and Practice and was an active participant with the Commission long after her retirement.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in their loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

John N. Meagher

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on May 17, 1992, of Dr. John N. Meagher, Clinical Professor Emeritus in the Division of Neurosurgery of the Department of Surgery.

July 10, 1992 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

John N. Meagher (contd)

Dr. Meagher was born on December 23, 1925, in Springfield, Ohio. He received his B.S. degree at Kenyon College in Gambier, Ohio, and his medical degree at the University of Cincinnati in Cincinnati, Ohio.

Dr. Meagher practiced neurosurgery for over 35 years. His internship was completed at White Cross Hospital in Columbus, Ohio, followed by a residency at White Cross Hospital with a fellowship in Neurological Surgery at the Barnes Hospital of Washington University in St. Louis, Missouri. He joined the faculty in the Department of Surgery in 1955, and upon his retirement in 1987 was named Clinical Professor Emeritus.

Dr. Meagher's professional affiliations included Columbus Academy of Medicine, Ohio State Medical Association, American Medical Association, Congress of Neurological Surgeons, American College of Surgeons, Ohio Society of Neurological Surgeons, Ohio State Neurosurgical Society, Neurosurgical Society of America, and the American Board of Neurological Surgeons.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in their loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

John R. Wilson

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on May 26, 1992, of Dr. John Robert Wilson, Dean and Professor Emeritus in the College of Dentistry.

Dr. Wilson was born on Christmas Day, 1917, in Mt. Pleasant, Ohio. He graduated from Otterbein College in 1938 after which he taught and coached basketball at Centerville High School for two years. He then enrolled in the College of Dentistry and received his D.D.S. in 1943. Dr. Wilson served in the United States Army Dental Corps until 1946 when he returned to Ohio State to join the faculty of the College of Dentistry. During his tenure he served as Chairperson of Periodontology, Director of Research and Advanced Studies, Associate Dean, and Dean of the College from 1965-1974.

During his term as dean, Dr. Wilson oversaw the enlargement of the dental school enrollment, a major addition to Postle Hall, and the implementation of new pre-doctoral curriculum.

Dr. Wilson was a fellow of the American College of Dentists and of the International College of Dentists. He was a member of the American Academy of Periodontics, the American Association of Dental Schools, and the American Dental Association. He served as president of the Columbus Dental Society and of the Ohio Dental Association. He was a member of First Community Church, Columbus Rotary Club, Aladdin Temple A.A.O.N.M.S., Zeta Phi Fraternity, Delta Sigma Delta Dental Fraternity, and Omicron Kappa Upsilon Honorary Dental Society.

Following his retirement from the University, Dr. Wilson was engaged in the private practice of periodontics and served as a consultant for Physician Health Plan.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in their loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

July 10, 1992 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Robert M. Zollinger

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on June 12, 1992, of Robert M. Zollinger, Professor Emeritus in the Department of Surgery.

Born on a Millersport, Ohio, farm in 1903, he received his medical degree at The Ohio State University in 1927. Dr. Zollinger did his surgical training under Elliott Cutler, M.D. in Cleveland and Boston, and in 1939 was appointed assistant professor of surgery at Harvard. With the outbreak of World War II, he joined the 5th General Hospital in Europe, and subsequently was awarded the U.S. Army's Legion of Merit and decorated Chevalier of the Legion de Honneur. During these years he established lifelong, deep friendships -- his prized "French connection."

Dr. Zollinger returned to Ohio State in 1946 as chairman of the Department of Surgery, and his work was instrumental in helping turn the University into a major medical center. In his research with the late Edwin H. Eilsson, M.D., Robert Zollinger described the condition now known as Zollinger-Eilsson syndrome. He published over 400 papers and was Editor-in-Chief of The American Journal of Surgery. Known for his masterful surgical technique and exacting standards as a teacher, he trained a generation of exemplary surgeons, researchers and educators. Four of his trainees became chairmen of departments.

Robert Zollinger served as president of the American College of Surgeons, president of the American Surgical Association, and chairman of the American Board of Surgery. He was the recipient of many awards, including an honorary degree from Ohio State and the American Surgical Association Distinguished Achievement Award.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in their loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Upon motion of Mr. Kessler, seconded by Mr. Celeste, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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STUDENT AFFAIRS COMMITTEE REPORT

Ms. Cusack:

Today Sonle Shuster and Dean Hollingsworth from the Office of Student Affairs gave us an overview of the proposed changes in the Code of Student Conduct and some of its major implications. The specifics of the changes are in your Board book and were sent to each of you earlier.

The most significant change that was discussed is in the section covering jurisdiction of the student code. Formerly, the student code did not cover student events occurring off campus, except in the instance of hazing. Now all events that are held on or off campus which are university sponsored or sponsored by a registered student organization are subject to the Student Code, i.e. Greek system parties or official bowl game events or something like that. Those were the major implications of the change and the other changes were to clarify the wording. If anyone has any questions, Dean Hollingsworth and Ms. Shuster are here.

July 10, 1992 meeting, Board of Trustees

AMENDMENTS TO THE CODE OF STUDENT CONDUCT

Resolution No. 93-13

Synopsis: The Student Affairs Committee recommended amendments to The Ohio State University Code of Student Conduct.

WHEREAS the Council on Student Affairs is charged to "recommend to University Senate any proposed changes in the Code of Student Conduct"; and

WHEREAS the Council on Student Affairs, to ensure that the Code is current and in compliance with University policy, has completed its review and proposes changes; and

WHEREAS the Council on Student Affairs, the Office of the President, and the Office of Academic Affairs have reviewed the proposed changes; and

WHEREAS the University Senate approved the following changes, to The Ohio State University Code of Student Conduct on June 6, 1992, as follows:

Amendments

3335-23-01 Introduction.

The code exists to foster and enhance the academic mission of the university. The code protects the students, staff and faculty of the university and their rights. In addition, the code protects the property of the university, and all property of faculty, staff and students, on university premises. The term "university premises" means all lands, buildings, and facilities owned, leased or operated by the university. The term "student" is defined for purposes of this code as an individual who has paid an acceptance fee, registered for classes, or otherwise entered into any other contractual relationship with the university to take instruction, and lasts until that individual graduates, formally withdraws, or is expelled. The code applies to the conduct of all students and registered student organizations (hereinafter "student"); while on university premises; while on professional practice assignment; on assignment which is associated with academic course requirements, such as internships or student teaching; or, while involved with a university related activity, or a registered student organization activity.

Balance unchanged.

3335-25-03 Policies.

Established policies and rights exist to ensure an environment conducive to equal treatment and quality living for all members of the university community. Students violating university policy may be subject to disciplinary action.

Paragraphs (A) and (B) unchanged.

(C) Hazing.

Hazing is both a civil and criminal offense in Ohio, and is therefore prohibited at the Ohio state university, regardless of whether the event occurs on or off campus. Consistent with state law, the university defines hazing as doing any act, or requiring or encouraging any act, of initiation into any student or other organization that causes, or creates a substantial risk of causing, mental or physical harm to any person (see section 2903.31 and 2307.44 of the Ohio revised code.)

AMENDMENTS TO THE CODE OF STUDENT CONDUCT (contd)

Hazing also occurs if the continued association with or membership in any group, registered with or affiliated with the university, is directly or indirectly conditional upon performing any activity which would cause or create a substantial risk of causing mental or physical harm.

The negligence or consent of the victim or any assumption of the risk by the victim is not a defense. (See section 2307.44 of the Ohio revised code.)

Balance unchanged.

3335-27-01 Initiation and investigation of code violations.

(A) Initiation.

Person(s) witnessing or experiencing what they believe to be a possible code violation may provide an authorized university official with the information. Information about possible code violations occurring in residence halls should be provided to the residence hall director. Information about possible non-residence hall related code violations should be provided to the coordinator of judicial affairs. Information regarding academic misconduct should be referred to the coordinator of the committee on academic misconduct. The university will review all information received and may conduct a preliminary investigation of the alleged violation.

(B) Investigation.

Residence hall directors, assistant hall directors, the coordinator of judicial affairs, and others appointed by the dean of student life are authorized to investigate alleged violations other than those involving academic misconduct. During preliminary investigation, the student allegedly involved in misconduct will be sent a letter describing the violation, whom to contact for a preliminary interview, and that date by which the contact should occur. Any person believed to have information relevant to the investigation may be contacted and requested to make an appointment to discuss the matter. Upon completion of the preliminary investigation the investigator will decide whether to dismiss, change or affirm the charges. Residence hall officials may refer cases involving possible suspension or dismissal to the dean of student life or the dean's designee.

3335-27-07 Appeal.

(A) Right to appeal.

A student found to have violated this code has the right to appeal the original decision. An appeal of a decision must be submitted in writing and postmarked or hand delivered to the appropriate appeal officer, as provided below, within fourteen calendar days from the date of the sanction decision letter. Upon receipt of the appeal, the appeal officer will provide to the student written guidelines for the appeal procedure.

(B) Grounds for appeal.

An appeal may be based only upon one or more of the following grounds:

- (1) Procedural error.
- (2) Misapplication or misinterpretation of the rule alleged to have been violated.

AMENDMENTS TO THE CODE OF STUDENT CONDUCT (contd)

- (3) Findings of facts not supported by a greater weight of evidence.
- (4) Discovery of substantial new facts that were unavailable at the time of the hearing.

(C) Appropriate appeal officers.

- (1) Cases arising in the residence halls:
  - (a) Appeals from unit commissions in the residence halls will be submitted for decision to the area coordinator of the residence hall area in which the violation occurred.
  - (b) Appeals from the appropriate hearing bodies in graduate housing will be submitted for decision to the area coordinator to whom the hall director reports.
  - (c) Appeals from hall director's administrative decisions will be submitted for decision to the area coordinator to whom the hall director reports.
  - (d) Appeals from area coordinators will be submitted for decision to the associate director of residence and dining halls for residence life or that person's designee.
- (2) Appeals involving administrative decisions or decisions of university judicial panels will be submitted for decision to the dean of student life.
- (3) Appeals from decisions of the university court will be submitted for decision to the dean of student life.
- (4) Appeals from decisions of the committee on academic misconduct will be submitted for decision to the senior vice president for academic affairs and provost.

(D) Possible dispositions by the appeal officer.

- (1) The appeal officer shall dismiss the appeal if the appeal is not based upon one or more of the grounds set forth in section (B) above.
- (2) The appeal officer may choose to decide the appeal based upon a review of the record.
- (3) The appeal officer may request additional written information or an oral presentation and then decide the appeal based upon the enhanced record.
- (4) The appeal officer may refer the case to a new hearing officer or panel to be reheard. If possible, a new hearing officer or panel shall be different than the one that originally decided the case.
- (5) A decision by the appeal officer that there are substantial new facts that were unavailable at the time of the original hearing shall result in a new hearing as provided in subsection (4) above.

July 10, 1992 meeting, Board of Trustees

AMENDMENTS TO THE CODE OF STUDENT CONDUCT (contd)

(E) Sanctions.

The appeal officer may, after review of the record, uphold the original sanction, dismiss the original sanction, or impose a lesser sanction. An appeal officer or panel hearing a remanded case cannot impose a more severe sanction than that originally imposed.

(F) Representation.

On appeal, where the sanction imposed by the hearing officer or panel was suspension or dismissal, a student may be actively represented by an adviser of the student's choice.

3335-29-04 Suspension and dismissal.

(A) Unchanged.

(B) Suspension in abeyance.

In cases of suspension, the hearing officer or panel may decide there are circumstances which mitigate against the separation of the student from the institution. Such circumstances may include, but are not limited to: student intent at the time of the incident, student attitude and/or behavior since the incident in question. If these, or other appropriate conditions exist, and the hearing officer or panel has reason to believe that the presence of the student in the university community does not put any other community member at risk, the hearing officer or panel may assign the student the sanction of suspension, held in abeyance. This sanction is for a specific period of time, not to exceed three academic quarters, following the effective date specified in the sanction letter.

Suspension in abeyance does not preclude the imposition of other appropriate sanctions. While the suspension in abeyance is in effect, the individual under suspension in abeyance is allowed to retain student status at the university. However, should the student be found in violation of any section of the code of student conduct by any authorized hearing body or individual during the period of abeyance, the abeyance will be automatically lifted and the suspension shall take effect immediately for the remainder of the original sanction. During the remaining period, all conditions for suspension are in effect (see paragraph (C) of rule 3335-29-04 of the Administrative Code). Once the abeyance has been lifted and suspension is in effect, the hearing officer or panel may impose a sanction appropriate to the additional violation(s) of the code.

(C) Dismissal.

The body of the text remains unchanged.

(D) Conditions of suspension and dismissal.

The body of the text remains unchanged.

3335-29-07 Other sanctions.

(A) Other sanctions that the hearing officer or panel considers appropriate to the student and the conduct violation in question may be imposed. For example, research assignments, community service projects, special workshop participation and/or referral to medical resources or counseling personnel may be assigned as recommended sanctions or conditions to another sanction. In cases of academic misconduct, a lowered or failing grade may be recommended for the academic coursework. In residence halls other

July 10, 1992 meeting, Board of Trustees

AMENDMENTS TO THE CODE OF STUDENT CONDUCT (contd)

sanctions may include contract termination or reassignment to another room. Non-residence hall hearing officers or panels may recommend sanctions of this type to the office of residence life.

(B) Failure to meet requirements of a sanction in the time allotted may result in the charge of failure to comply with university authority (see paragraph (G) of rule 3335-25-01 of the Administrative Code.)

(C) Repetition of misconduct by a student who has previously been found in violation of the code may result in imposition of harsher sanctions.

3335-31-03 University judicial panel.

The university judicial panel is responsible for cases of non-academic misconduct referred by the coordinator of judicial affairs, except for cases involving disruption or professional college codes. The panel is responsible for non-academic aspects of cases referred by the committee on academic misconduct. The panel is authorized to impose any code-authorized sanction. The panel consists of:

(A) Chairperson(s) (faculty or administrative staff member(s)) appointed by the dean of student life;

(B) Twelve regular faculty members recommended to the dean of student life by the vice president for student affairs for three-year terms which begin with the summer quarter; and

(C) Six undergraduate students, appointed by the president of the undergraduate student government; four graduate students, appointed by the president of the council of graduate students; and two professional students, appointed by the president of the inter-professional council. All student appointments shall be for one-year terms beginning with the autumn quarter.

(D) Hearings will be conducted by hearing bodies made up of university judicial panel members with the same authority as the full panel.

(E) The coordinator(s) of judicial affairs, as designated by the dean of student life, shall serve ex-officio as panel coordinator(s) without a vote.

(F) In cases involving sexual harassment, discriminatory behaviors, or other problematic behaviors requiring special sensitivity or expertise, the dean of student life may appoint individuals with appropriate expertise to serve as consultants to the panel. The consultants may be present and provide information as called upon during the hearing, but will not vote.

(G) The university judicial panel establishes rules and procedures to conduct hearings, including the definition of a quorum.

NOW THEREFORE

BE IT RESOLVED: That the foregoing amendments to The Ohio State University Code of Student Conduct be adopted as recommended by the University Senate.

Upon motion of Ms. Casto, seconded by Mr. Kessler, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

July 10, 1992 meeting, Board of Trustees

STUDENT AFFAIRS COMMITTEE REPORT (contd)

Ms. Cusack:

We also heard a report from John Hilbert, President of the Undergraduate Student Government, who updated us on the work of the Crime Watch Escort Service which has increased in size and scope this past year and has done quite a bit to improve the safety of students on main campus and the surrounding area. He also expressed a concern that there shouldn't be any further raise in tuition above the current cap.

Also, Karen Duncan, President of the Council of Graduate Students, voiced a concern about the loss of funded positions for graduate students. The Committee did agree that the University administration has made a significant commitment to protect students as much as possible during this current round of budget cuts.

Finally, Dr. Russ Spillman provided us with an update of the reorganization of Student Affairs which is currently underway. The changes include quite a bit of restructuring and reorganization, and appears to address the problems and provide appropriate solutions. If there aren't any questions or comments that concludes my report.

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AGRICULTURAL AFFAIRS COMMITTEE REPORT

Mr. Colley:

The Agricultural Affairs Committee will meet on July 17 in Wooster, Ohio, in conjunction with the 100th anniversary celebration of the Ohio Agricultural Research and Development Center. The Centennial Celebration will be a 3-day event. On Friday, July 17, they will celebrate Public Official's Day, with a luncheon honoring public officials from across Ohio. President Gee and Vice President Moser will both speak at that luncheon and all Board members are invited.

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INVESTMENTS COMMITTEE REPORT

Mr. Celeste:

The Investments Committee heard the monthly endowment summary report for the period May 15, 1992, through June 19, 1992. The market value of the endowment fund on June 19, 1992, was \$395.5 million. This total was approximately \$5.2 million below the May 15, 1992, market value. The market value of the equity portion of the endowment fund decreased \$6 million, while the fixed income portion increased \$400,000.00 during this reporting period.

Net new additions to the Endowment Fund for June totaled \$697,000.00. Since July 1, 1991, the beginning of the fiscal year, the Endowment Fund has increased over \$44 million. Net change in market value has accounted for an increase of \$21.8 million. Net new additions are over \$27.6 million, compared to \$24.9 million in fiscal year 1991. The current asset allocation for the endowment is 57 percent invested in equities, 20 percent in fixed income, 9 percent in real estate, and 6 percent in cash equivalents. The total return for the endowment fund thus far in fiscal year 1992 is 10.7 percent. It is reported that there are now 1,093 separate

July 10, 1992 meeting, Board of Trustees

INVESTMENTS COMMITTEE REPORT (contd)

Mr. Celeste: (contd)

endowment funds, including 75 new funds established during the fiscal year. The total income distribution to all those funds during the fiscal year 1992 was \$18.6 million.

Finally, Mr. Chairman, the Committee is recommending the following resolution:

AUTHORIZATION FOR DESIGNATED OFFICIALS TO BUY, SELL, ASSIGN  
AND TRANSFER SECURITIES, TO DEPOSIT OR WITHDRAW FUNDS  
FROM BANK ACCOUNTS, AND TO DESIGNATE DEPOSITORIES

Resolution No. 93-14

Synopsis: The Investments Committee recommended reaffirmation of the Board of Trustees Resolution No. 91-143 (June 7, 1991), which authorized designated officials to buy, sell, assign, and transfer securities, to deposit or withdraw funds from bank accounts held in the name of The Ohio State University, and to designate depositories.

WHEREAS designated officials of the University buy, sell, assign, and transfer stocks, bonds, and other financial instruments owned by The Ohio State University; and

WHEREAS various financial institutions are designated as depositories for The Ohio State University; and

WHEREAS accounts at various financial institutions are opened and maintained in the name of The Ohio State University;

NOW THEREFORE

BE IT RESOLVED, That the Vice President for Finance and/or the Treasurer be authorized and empowered to buy, sell, assign, and transfer any and all stocks, bonds, evidences of interest and/or indebtedness, rights and options to acquire or to sell the same, and all other securities corporate or otherwise, standing in the name of or belonging to The Ohio State University in any capacity; and

BE IT FURTHER RESOLVED, That the Vice President for Finance and/or Treasurer be authorized and empowered to designate various financial institutions as depositories for The Ohio State University and open and maintain accounts at various financial institutions in the name of The Ohio State University; and

BE IT FURTHER RESOLVED, That the Vice President for Finance and/or the Treasurer be authorized, on behalf of The Ohio State University and in its name, to sign checks, drafts, notes, bills of exchange, letters of credit, acceptances or other orders for the payment of money from said accounts; to endorse in writing or by stamp checks, notes, bills, certificates of deposit or other instruments owned or held by this University for deposit in said accounts or for collection or discount by said banks; to accept drafts, acceptances, and other instruments payable to said banks; to waive demand, protest, file notice of protest, or dishonor any check, note, bill, draft, or other instrument made, drawn or endorsed by the University.

Upon motion of Mr. Celeste, seconded by Mr. Shumate, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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July 10, 1992 meeting, Board of Trustees

REPORT - UNIVERSITY'S ENDOWMENT FUND

Resolution No. 93-15

RESOLVED, That the report on the University's Endowment Fund, dated June 19, 1992, as submitted to the Investments Committee of the Board of Trustees, be received and filed with the official records of the Board.

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Thereupon the Board adjourned to meet Wednesday, September 2, 1992, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio.

Attest:

Madison H. Scott  
Secretary

John J. Barone  
Chairman

THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND TWO HUNDRED AND EIGHTY-FIFTH MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, September 2, 1992

The Board of Trustees met at its regular monthly meeting on Wednesday, September 2, 1992, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

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Minutes of the last meeting were approved.

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September 2, 1992 meeting, Board of Trustees

The Chairman, Mr. Barone, called the meeting of the Board of Trustees to order on September 2, 1992, at 11:10 a.m. He requested the Secretary to call the roll.

Present: John J. Barone, Chairman, Deborah E. Casto, John W. Kessler, Milton A. Wolf, Alex Shumate, Theodore S. Celeste, Michael F. Colley, George A. Skestos, Kristen Cusack, and Hiawatha N. Francisco, Jr.

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### **INTRODUCTION OF NEW STUDENT TRUSTEE**

Mr. Barone:

At this time, I would like to introduce Hiawatha Francisco. Mr. Francisco is our new Student Trustee, appointed recently by Governor Voinovich for a two-year term. Mr. Francisco is a graduate student here at Ohio State majoring in higher education administration. He attended Notre Dame where he lettered in football and received his undergraduate degree. He received his master's degree at the University of Akron.

Will you all join me in welcoming Mr. Francisco to this Board.

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### **PRESIDENT'S REPORT**

President Gee:

I, too, want to add my congratulations to Hiawatha for his selection as a student trustee. Our student trustees carry a strong commitment and tradition. You are following in the footsteps of a very fine individual, David Tonnie. I might note though, that it will be a struggle for me to have a former Notre Dame alumnus as a trustee, but we will survive, I'm sure.

Inasmuch as we have not met, Ladies and Gentlemen, since early July, I want to bring you up-to-date on what has been happening during the summer months. It has not been leisurely, but in many ways, the pace of the institution does change in the summer. With a smaller enrollment and lighter teaching schedules, many faculty use the summer months to do field research, to prepare new courses, and to finish drafts of books and articles.

Among the research projects launched this summer is an important partnership between the College of Optometry and the Longaberger Company of Dresden, Ohio. We will be studying the visual skills necessary for the company's 3,000 employees to perform their duties safely and efficiently. This project will develop visual standards in the work place, guidelines that may well become industry standards for others. I was delighted that Dean Hill and I were able to accept a generous check from Dave Longaberger for this project while visiting their facility in Muskingum County.

Another research effort that received considerable attention this summer was the report of an Ohio State study of the causes of health care cost increases. Dr. Stephen Loeb, associate professor and chair of the graduate program in hospital and health services administration, directed this study that included contributions from 28 Ohio State scholars from eight different disciplines.

**PRESIDENT'S REPORT (contd)**

President Gee: (contd)

As you will note at summer commencement tomorrow, a great many graduate students complete their degrees in the summer months. Undergraduates must often work during the summer — many in internships and co-op jobs that not only will help finance school for the coming year, but also will contribute to their educational experience. Some used the summer to travel and study abroad.

In July I took a brief detour from a vacation to drop by Ohio State's study program in Nantes, France. Over dinner with a very bright and energetic group of Ohio State students, I learned from them how much this educational opportunity is contributing to their personal development and education.

I sent, by the way, a letter to each of our graduate and undergraduate students last month outlining for them — as I did for all of you in July — the steps being taken and choices being made in response to our more limited resources from the state. Steven Savage, a graduate student from Perrysburg, Ohio, wrote to me to say, and I quote from his letter, "The recent budget cuts do worry me and my fellow students. ... It is not an easy time, in Ohio or in America, but every effort, from financial wizardry to comforting words, helps out. Raising spirits and raising money are equally important." Of course, I appreciated Steven's note. But I am reminded that what we are about at this university is, and will always be, that of raising quality and raising standards of achievement for this university and certainly the people it serves.

I spoke to this Board at our last meeting about the serious problem of closed courses. Indeed, we now have focused on that as one of our major issues. In a time of very serious budget restraint, I reported that we set aside \$1.5 million to address this issue. Today, I want to update that report. Before I call upon Dr. Arnold to make a report, let me first compliment the Office of Academic Affairs, the department chairs, deans, and our faculty for their creative and committed efforts to reduce the number of closed courses that has, of course, become such an issue to us. We have turned the corner on this problem. We are offering more class sections this fall than last — 18,824 sections to be exact. Ladies and gentlemen, that is a lot of classroom teaching for those who would measure that.

I am happy to report that for the autumn quarter, more than 80 percent of our students got the courses they requested. And, out of more than 50,000 students, only 22 students who submitted a full schedule of four or five courses did not get registered for any classes. That is an extraordinary figure given the size of this institution.

The person who deserves a great deal of credit for coordinating our response to this issue, Associate Provost Bob Arnold, will now give you a brief overview of this.  
Bob --

Dr. Robert Arnold:

Thank you. I am very pleased to come before the Board at the President's request with this report.

**PRESIDENT'S REPORT (contd)**

Dr. Arnold: (contd)

Of the \$1.5 million that was allocated to the closed course problem, to date we have spent \$658,000 creating new sections and courses beginning this fall. That has resulted in 6,455 new seats, which certainly has greatly alleviated the problem.

The net subsidy in fee income from that effort is estimated, at this point, to be \$3.6 million. Eighty-one percent of our students received all the courses they requested.

Now when we compare this to autumn 1991, only 77.2 percent of our students received all the courses they requested. In comparing it to two years ago, Autumn Quarter 1990, 80.2 percent of our students received all the courses. Thus, we are doing slightly better than 1990, and much better than last autumn. The downward trend over the past four years in satisfying course requests has been reversed despite the budget cuts and the financial difficulties the University has had.

Another standard we worry about in Academic Affairs, in terms of closed courses, is the number of students that are closed out of all of their courses. It is a horrifying thought to receive a statement in the mail and open it up to find out you have been closed out of everything. I worry a lot about those people. This autumn 507 students received that bad piece of mail indicating they had been closed out of all their courses. This compares to 970 students a year ago, and 575 students two years ago. Clearly, once again, we have turned the corner on this one. Of the 507 students who didn't get any courses, 358 students requested only a single course, 80 students requested two courses, 47 students requested 3 courses, and 22 students requested a full schedule of either 4 or 5 courses.

President Gee:

Bob, I don't mean to interrupt you but I want to make sure people understand that when you talk about 500 students, you are talking about the vast majority of students who have only registered for one course. Therefore, in terms of course closure, that is as if they did not get that one course. It is an important piece of that data.

Dr. Arnold:

These are part-time students who are only registering for a single course.

Ms. Casto:

Do we do anything about getting these students who are taking three or more courses, their courses? Since they are being closed out of all of them, do we try to get them at least one or two of their courses?

Dr. Arnold:

Yes, we do. We are proactive on that. The Registrar writes to them and also writes to the colleges, asking them to get in touch with advisors, and then we work closely with them to get them courses. Sometimes before they are contacted, they contact me -- they actually contact the President's Office and it ends up with me.

Ms. Cusack:

Is that better? Is this a new system?

**PRESIDENT'S REPORT (contd)**

Dr. Arnold:

It is a system that has developed over the last year. It is something we are attempting to do in order to help the people in this unfortunate situation.

Ms. Casto:

Has it been implemented?

Dr. Arnold:

Yes. Once again, in comparing last year to this year, there are 3,078 fewer closeouts this year. This year 11,842 requests were denied because of closed or cancelled courses. We estimate that without intervention and the spending of the money I mentioned before, over 18,000 requests would have been denied. The 11,842 this year compares to 14,920 a year ago.

This autumn we will be offering 6,516 courses. Interestingly enough, that is down 202 from a year ago. There are 18,824 sections, which is up 55. That is interesting because this means that although there are 202 less courses, there are more sections of that fewer number of courses. We think this is a result of a letter that the Provost sent to the Deans reminding them of a faculty rule that suggests there be a minimum of 12 students in a course numbered below the 300 level, and 8 students above the 300 level. We believe the colleges are responding to that letter by eliminating the teaching of courses that have very, very low enrollments.

Another measure we use, when worrying about closed courses, is the number of courses that closeout more than 75 people. I don't know why 75. Traditionally in Academic Affairs it was 75. It was 75 when I got there, and has been ever since. We also worry about smaller ones, but one measure that is consistent, that we have had data on for some time, is those courses closing out more than 75. We had 30 of those this fall and we had 45 a year ago, so we have reduced that number significantly. What we will do is target each one of those courses and begin discussions with the department chair and the dean to determine exactly why those courses are closing out people. In some cases it is inevitable that this happen because of the lack of facilities. One of the courses that typically closes out more than 75 people is a physical education course -- golf. It is not a problem in the winter, but it is in the autumn and the spring. There is not a lot we can do about that without creating another golf course -- which I don't think anybody wants to do.

Other courses though have other reasons for closing out. We are going to examine those in detail and see if we can fix those. A year from now I would like to see the list of courses that close out 75 people eliminated -- or possibly one with golf being the only course on it. That concludes my report, Mr. Chairman and Mr. President, thank you for inviting me.

President Gee:

Are there any questions for Bob?

September 2, 1992 meeting, Board of Trustees

### **PRESIDENT'S REPORT (contd)**

President Gee: (contd)

I felt it was important for the Board to have this report today because this is a very serious issue for us. In this time of constraint, I am pleased that we have taken it very seriously. Indeed, the allocation of effort being put forth by our Provost's Office and our faculty and staff members who are working diligently to make good choices that advance our goals is something that we ought to note and applaud. I appreciate that. Thank you, very much, Bob.

Today, this Board will act on an appointment that brings a very capable and energetic new leader to Ohio State. Jerry May has accepted the position of Vice President for Development, a role that is enormously important, particularly in these times. He comes to us with outstanding experience. I make this comment with some reluctance, as he comes to Ohio State from -- as Woody used to say -- "that school up north." But as you are aware as Trustees, we worked very diligently to recruit Jerry. He is one of the major leaders in terms of development activities and fund raising in this country. He has now come to launch our efforts to move forward at an absolutely vital time for us. Jerry, we are delighted to have you here and look forward to having you and your family soon involved in Ohio State. By the way, you are wearing all the right colors!

Mr. Jerry May:

You have me trained already, Gordon.

President Gee:

Very good. We are delighted to have you here, and thank you for being here for your first official day. Mr. Chairman, that concludes my report.

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Mr. Barone:

At this time we would like to call on Jim Jones, who will give a report on the Big Ten Gender Equity Program.

Mr. Jim Jones:

Thank you, Mr. Chairman. President, Members of the Board, thank you for the opportunity. My role today, I believe, is to clarify for you what our friends in the media are trying to convince you this Conference did in the last two months. Indeed, in June, Conference faculty representatives did vote a gender equity commitment in the Big Ten Conference, subsequently followed by the Council of Presidents doing the same thing. Gender equity means that within the next five years this institution, and all the other institutions in this Conference, will get to 60:40 in terms of participants -- men to women -- in our intercollegiate program.

I need to tell you a couple of things that gender equity is not, insofar as I know what gender equity is. This has grown out of a statement in the Big Ten Statement of Principals where the value of equal participation was asserted. I don't think that there is any one of us who could disagree with that. While some suggest that genesis for the gender equity issue is contained in the Educational Amendments

September 2, 1992 meeting, Board of Trustees

Mr. Jones: (contd)

Act of 1972, called Title IX -- Gender Equity is not Title IX. We have passed a Title IX review at this institution and Title IX has some very definitive regulations, guidelines, and interpretations that we must follow. So we know exactly what that is. Congress, indeed, advised the Department of Education in the Office of Civil Rights that the regulations shall include, with respect to intercollegiate activities, reasonable provisions considering the nature of particular sports. Thus, we have been able to figure out what Title IX is and does for us. I don't think that we have a problem there.

I am sure that you are aware that we have one of the largest programs in the country. In fact, one of the top five largest programs combined in the United States. We have 18 men's sports and if you count the way the Big Ten Conference is now counting, we have 14 women's sports. The reason there is a difference in numbers -- if you have heard me speak before, I have always said 31 -- is that our rifle team is a co-ed team. The Big Ten counts that team twice, because it is a co-ed team. We intend to add the sport of soccer this school year for women. Nonetheless, presently we are at about 72:28 in terms of participation -- men to women in our program. That number has continually gone down over the years. As the skill level of our athletes, the skill level of our coaches, and the amount of money in women sports have all improved, the number of participants has declined. What it really tells you at this point, I think, is that young women are not willing to be what we call "walk-ons" on their team if they are not going to get a chance to play. Our society has not yet made it reasonable for a young woman to brag about having been on the team, like it has for a young man. As a consequence, you can see that young women have -- if they don't participate on a regular basis -- decided there are more important things in their lives, and they drop off the team.

In order to get to 60:40 in the next five years, this institution will have to make a swing if we retain the present program of 200 persons. That means we must get rid of a 100 men, add a 100 women, or any combination thereof. Gender Equity as far as we are concerned at the present moment has not yet been defined. What the presidents passed was simply a participation or an opportunity decision. In my mind there is a difference between opportunities and participants. We have not yet decided which one of those is gender equity. The NCAA has a committee which the associate commissioner of the conference, Phyllis Howlett, is chairing, and the Presidents' Commission has a committee to try and decide what gender equity is as far as participation or opportunity is concerned.

We have, I think, five ways to accomplish gender equity if, indeed, what it means is exactly 60 percent men participants and 40 percent women participants. That is: we can cap men's sports, not allow every young person who wants to participate on a team to be able to do so; we can cut men's sports; or we can add women participants. This is an interesting chore for us. Perhaps the easiest one to accommodate at this point, is to simply convince young women that it is worthwhile to be a walk-on on one of our teams. There is a discussion about offering more grant-in-aids. This institution for a long time has had maximum grant-in-aids in our women's sports. So we can't offer any more unless there is a national change in legislation. We can add women's sports, and we will be adding women's soccer after the Athletic Council meets this fall. When we offer women's soccer that will mean that we are offering every sport offered in the high schools of Ohio for young women; the ten most popular sports in the nation for young women. There isn't much left to add in order to pick up participants. True, we

September 2, 1992 meeting, Board of Trustees

Mr. Jones: (contd)

could add crew. I don't know who we could compete against that is close, but we do have a river. We do have a crew club now. We could add badminton. There are not a lot of badminton teams around, and it wouldn't give you a large number of participants. We could add skiing, and as you know there are not a lot of mountains in Ohio. So we are rather limited in terms of how much more we can grow on the women's side of the sports offered.

I guess if I would give you some advice, we believe that it is a worthwhile goal to work toward. We are concerned. We have believed for a long time in a comprehensive intercollegiate program at this University, trying to offer the maximum number of opportunities for all the student athletes. That puts us in a rather difficult position in order to try to accommodate the 60:40 percentage. I believe we can work toward it. Time will tell how close we get in the next five years.

I'd be happy to entertain any of your questions.

President Gee:

Jim, I might note that the initial proposal which came forward from the Big Ten was that the 60:40 result would be a condition of membership, as I remember. And as you know, we took the position that to take that as a condition of membership was not in the best interest of the Conference. At the same time, we indicated that our own intent as a university would be to meet the 60:40 goal. But as a condition of membership, we thought that was inappropriate and, of course, there was considerable debate surrounding that issue. Have most of the other institutions responded the way we have within the Big Ten?

Mr. Jones:

I think it is a little too early, Mr. President. Everybody is having a difficult time. If we had a smaller program, it would be much easier for us to accomplish the 60:40. So at this point in time, the fact that we have had a philosophy of offering a comprehensive program makes it much more difficult for us to get there. If it was a matter of money, then we would know what we had to do in the next five years to get there. If we only had six sports for women, we could add six more and, obviously, enlarge our program. There are not many things to add, so the only thing that we can do is subtract. Although I do believe there are some young women out there that we could encourage to be walk-ons, I must tell you that is an adjustment for our coaches as well as the student athletes.

Take softball and baseball -- comparable sports. The baseball team has no problem having 40 young men on it, the softball team has 16 young women. They are the same kind of sports, they are played with nine persons on the field, you could have similar numbers. There have not been to this point young women willing to be the 29th and 30th person on our softball team. Our softball coach has to adjust her recruiting and coaching philosophies in order to encourage those young women and to try and keep them participating. But the question is, will they be participants or will there be opportunities to participate -- there is a difference.

September 2, 1992 meeting, Board of Trustees

Ms. Casto:

Are we trying to create demand for a sport? Are you saying to me we have afforded the opportunity for so many to participate? We are not saying that you cannot participate in this? The fact is the demand is not there for women to also be included in this percentage.

Mr. Jones:

You are exactly correct, at this point in time. We may have to decide that we are going to ask some folks to give up their opportunity to participate in order for us to reach this percentage.

Ms. Casto:

I am not sure I understand what advantage that would be for anyone right now.

Mr. Jones:

That is why I am concerned about the definition -- using the term fair and equal. It can be fair and equal for one and not for the other, so we have to get to that. I hope that will be the last straw -- that we have to deny the opportunity. I believe that is what intercollegiate athletics and, indeed, going to college is all about -- opportunities.

Mr. Skestos:

We are committing ourselves to merely participating in this program to the extent that we can. We are not saying that at the end of five years if we don't have 60:40, we are going to suddenly cut our male programs. In other words, we are going to do the best we can to raise, through walk-ons and so forth, the 60:40 level. We aren't really saying in effect -- are we -- that if everything we try fails, that suddenly we are going to cut the male participation?

Mr. Jones:

I'd have to say, Mr. Skestos, that you are probably right for now, but we may reach that point in five years. We hope that none of us in this conference will reach that point. It was not the intent of the presidents when they passed it to say we are all going to get there. One of the reasons that we took it out as a condition of membership is, how do we decide, if it is a condition of membership and only three of us meet the goal in five years, who gets to vote on who is in and who is out? So obviously that was a wise decision, among other reasons, to take that out. I believe there is room for us to make a good faith effort in the next five years. Where we'll be in five years is difficult to answer. Five years from now, there may be more than enough young women who want to participate that this will not be a problem.

Mr. Celeste:

You said that recently the numbers have been going down. So at some point we had a better ratio?

September 2, 1992 meeting, Board of Trustees

Mr. Jones:

Oh, we had a much better ratio.

Mr. Celeste:

And what level was that -- when were we at our best ratio comparable to the 60:40 level?

Mr. Jones:

I am sorry, I can't give you those numbers. I would guess that we are down at least a third of our participants on the female side. As their skill level got better, as the grant-in-aid numbers went up, and as the coaching skills went up, fewer and fewer young women continued to participate.

President Gee:

So what you are saying is the quality of the programs went up in terms of competition, but the numbers of participation went down because it became so competitive, is that right?

Mr. Jones:

That is correct.

President Gee:

So we haven't created the culture where it is important to walk-on. Also, I would suspect that for our coaches -- women's coaches particularly -- that that is a new philosophy for them to encourage walk-ons, is that right?

Mr. Jones:

It is very definitely a new philosophy for every one of them, whether they are male or female coaches.

Ms. Cusack:

I would say, too, more than an attitude among women not to be walk-ons, it is sort of an intimidation thing. Because like you were saying the coaches got better, the programs got better, and that is the attitude that needs to change. It is sort of an intimidating atmosphere for a walk-on, not that people wouldn't want to be one.

President Gee:

What are you walking on for, Ms. Cusack?

Ms. Cusack:

I am going to be a soccer player.

President Gee:

Any further questions? Thank you, very much, Jim.

September 2, 1992 meeting, Board of Trustees

Mr. Jones:

Thank you.

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**AMENDMENTS TO THE COMMITTEE  
APPOINTMENTS FOR 1992-1993**

Resolution No. 93-16

Synopsis: Amendments to the Committee Appointments of the Board of Trustees for 1992-93 are recommended.

RESOLVED, That Resolution No. 92-132, detailing the Committee Appointments of the Board of Trustees for 1992-93 be amended as follows:

Educational Affairs	John W. Kessler, Chair Theodore S. Celeste, Vice Chair Alex Shumate George A. Skestos
Investments Committee	Milton A. Wolf, Chair Theodore S. Celeste, Vice Chair John W. Kessler George A. Skestos
Standing Committee on Agricultural Affairs	Michael F. Colley, Chair Fred L. Dailey, Vice Chair, Ex Officio Alex Shumate George A. Skestos
Student Affairs	Kristen Cusack, Chair Deborah E. Casto, Vice Chair Hiawatha N. Francisco, Jr.
Fiscal Affairs	Alex Shumate, Chair Michael F. Colley, Vice Chair Deborah E. Casto
Personnel Committee	John J. Barone, Chair Deborah E. Casto, Vice Chair John W. Kessler
Inter-University Council	George A. Skestos
Research Foundation Board of Directors	Theodore S. Celeste
University Hospitals Board	Theodore S. Celeste <del>Milton A. Wolf</del> <u>John J. Barone</u>
The Arthur G. James Cancer Hospital and Research Institute Trustee Liaison	John W. Kessler John J. Barone

September 2, 1992 meeting, Board of Trustees

**AMENDMENTS TO THE COMMITTEE  
APPOINTMENTS FOR 1992-1993 (contd)**

Ohio State University  
Affiliates, Inc.

John J. Barone (term 1 year)  
Deborah E. Casto (term 2 years)  
John W. Kessler (term 3 years)

Ad Hoc Committee  
on Planning\*

Leslie H. Wexner, Chair  
Deborah E. Casto, Vice Chair  
Alex Shumate  
Michael F. Colley

University Foundation  
Ex Officio Class of Directors

John J. Barone (term 1 year)  
John W. Kessler (term 2 years)  
Alex Shumate (term 3 years)

University Managed Health Care  
System, Inc. Board of Directors

Theodore S. Celeste

\*Serves as Board of Trustee's interface with the University's Planning Committee.

Upon motion of Ms. Casto, seconded by Mr. Celeste, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**RESEARCH FOUNDATION REPORT**

Mr. Celeste:

I am pleased to report on the Grants and Contracts for the months of June and July received by The Ohio State University Research Foundation. At Tab 1 we see that the award level for fiscal year 1992 is about 17 percent above fiscal year 1991. This corresponds to a growth in the number of awards received from 1531 to 1644. Each sponsor category has shown an increase this fiscal year, except for funding from the State of Ohio.

Awards for July, the first month of fiscal year 1993, are down somewhat compared to the same period last year. This appears to be due to fluctuations in the timing of some major awards that we expect will be forthcoming.

At Tab 2 you will find expenditure summaries for fiscal year 1992 and for the month of July. It is noteworthy that expenditures in fiscal year 1992 for personnel, travel, and indirect costs have exceeded the overall increase of 7.49 percent. The growth in external funding for travel reflects the increasing international research activities of the faculty.

The growth in expenditures in July compared to last year is over 14 percent. This is consistent with the increase in awards received in FY 1992.

Some projects of special interest that were funded in the months of June and July are listed at Tab 3. I thought you might be interested that two professors of Materials Science and Engineering have a new method of producing ceramic composite materials and funding from the Navy to explore the new process.

**RESEARCH FOUNDATION REPORT (contd)**

Mr. Celeste: (contd)

Last week I had the pleasure of visiting the laboratory of Professor Robert Brueggemeier to learn of his work on the role of estrogens in tumor formation. I had a good visit with him and his colleagues. His studies are basic to an understanding of approximately 50 percent of human cancers associated with sex hormones.

At Tab 4 is the list of all projects funded in June. At Tab 5 is the list of all projects funded in July. At Tab 6 is a summary of the proposal, award, and expenditure activity of our academic units during fiscal year 1992. I would like Ed Hayes to make a few brief comments on this information.

Dr. Hayes:

Thank you. I particularly want to note on that first summary table under Tab 6 there has been a significant increase in the number of proposals that have been submitted by our faculty. And I think the growth here in requests is over \$100 million. It reflects the efforts of the faculty to bring in resources from the federal government and from other external sources to support their research, equipment, graduate students, and other research related activities.

As you know, the first step along the process of actually getting to spend the money is to write the proposals. And this increased activity, we believe, will pay significant dividends in terms of new awards and funding for research over the next 12 to 24 months.

The second summary page under Tab 6 is a summary for fiscal years '90, '91, and '92, in terms of award dollars. You can see from this that the new award totals in '92 are up 17 percent from '91, and 25 percent from fiscal year '90.

The third summary page is a summary of expenditures by academic units for '90, '91, and '92. The growth in expenditures from year to year is probably the best indicator of the health of our external funding picture because it is less susceptible to fluctuations in proposal deadlines and award dates.

Just a few highlights: the average increase in expenditures over the last two fiscal years has been about 17 percent, with a 7.5 percent increase coming in just the past year. There are 18 academic departments that have shown increases and nine of the academic units that have shown decreases during this past year. The details are indicated in that table.

I might mention that Academic Affairs has shown a 38 percent increase over the two-year period, due to increased funding from the National Science Foundation, the Department of Defense, and the National Institutes of Health. Much of this growth has been in the Minority Student Apprenticeship Programs, Academic Computing Services, the Ohio Supercomputing Center, International Activities, and the Mershon Center.

Agriculture has had a 39 percent increase over the two-year period due to the increased funding in the Department of Education and the State of Ohio. Much of this growth has been in Agronomy with funding from industrial sponsors.

**RESEARCH FOUNDATION REPORT (contd)**

Dr. Hayes: (contd)

Biological Sciences is down approximately 8 percent, due to the decline in private foundation funding. Engineering is down slightly in both the federal and non-federal categories. Health Services is up 34 percent, however, due to the renewal of funding of the Comprehensive Cancer Center. Human Ecology has shown significant growth due primarily to funding from NIH and the State of Ohio. Humanities expenditures are up; Math and Physical Sciences are up 39 percent, due primarily to increased funding from the National Science Foundation. Pharmacy is up 27 percent, due in large measure to the increased funding from industrial sources.

The Office of Research, through the Byrd and Mapping Centers, has greater than a 50 percent increase as a result of awards from NASA, NOAA, and the State of Ohio.

If members of the Board have particular questions about this information, I would be happy to answer them at a later time.

Mr. Celeste:

Thank you, very much. In the remaining two sections, Tab 7 lists examples of some of the many prestigious awards to OSU faculty during the last 2 years. Funding for these fellowships, grants, and prizes goes directly to the selected faculty member. As a result, the monthly Research Foundation reports do not include these awards.

Finally, Tab 8 includes press releases for the last 2 months issued by University Communications highlighting this recent research activity.

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS**

Resolution No. 93-17

Synopsis: The reports on contracts, grants, and gifts and the summaries for June and July 1992 are presented for Board acceptance.

WHEREAS monies are solicited and received on behalf of the University from governmental, industrial, other agencies, alumni, and various individuals in support of research, instructional activities, and service; and

WHEREAS such gifts are received through The Ohio State University Research Foundation, the Engineering Experiment Station of The Ohio State University, The Ohio State University Development Fund, and The Ohio State University Foundation:

NOW THEREFORE

BE IT RESOLVED, That the research agreement between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the reports from the Engineering Experiment Station, The Ohio State University Development Fund, and The Ohio State University Foundation during the months of June and July 1992 be approved.

September 2, 1992 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

Upon motion of Mr. Celeste, seconded by Ms. Casto, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

Summary

JUNE 1992

<u>Source</u>	<u>7/1/90-6/30/91</u>	<u>7/1/91-6/30/92</u>	<u>June 1992</u>
The Ohio State University Research Foundation	\$133,943,600.43	\$157,154,561.22	\$20,282,279.02
Engineering Experiment Station	\$ 6,869,589.00	\$ 6,175,111.00	\$ 854,331.00
OSU Foundation and Development Fund	\$ 74,295,747.00	\$ 71,452,488.00	\$ 7,275,812.00
The Ohio State University Development Fund			
Establishment of Named Funds			
The Donald C. Kent, D.D.S. Cancer Research Endowment Fund (Support cancer research)			\$ 100,000.00
The Harley C. and Elizabeth K. Lee Endowment Fund (Provide general support to the Department of Materials Science and Engineering)			\$ 30,000.00
The Samuel B. McCulloch Memorial Fund (Scholarships or grants-in-aid to varsity swimmers)			\$ 27,554.18
The Alan Holoch Law Library Fund (Support Library staff in attending professional development programs)			\$ 15,907.00
The Raymond E., Jr. & Dorothy B. Daily Cancer Research Endowment Fund (Support cancer research)			\$ 15,000.00
The Delaware County 4-H Endowment Fund (Support the Delaware County 4-H Program)			\$ 15,000.00
The Edward H. Jennings Scholarship Fund (Scholarships - College of Business)			\$ 15,000.00

September 2, 1992 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Establishment of Named Funds

The Donald C. Kent, D.D.S Cancer Research  
Endowment fund

The Donald C. Kent, D.D.S. Cancer Research Endowment Fund was established September 2, 1992, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Dorothy A. Kent for the benefit of The Arthur G. James Cancer Hospital and Research Institute.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to support cancer research in The Arthur G. James Cancer Hospital and Research Institute as approved by the Director of The Arthur G. James Cancer Hospital and Research Institute and the Vice President for Health Services.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the Director of The Arthur G. James Cancer Hospital and Research Institute and the Vice President for Health Services in order to carry out the desire of the donor.

The Harley C. and Elizabeth K. Lee Endowment Fund

The Harley C. and Elizabeth K. Lee Endowment Fund was established September 2, 1992, by the Board of Trustees of The Ohio State University, with a gift to The Ohio State University Development Fund from the estate of Harley C. Lee (Bachelors, Mining Engineering, 1927).

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide general support to the Department of Materials Science and Engineering in the College of Engineering. Said support may include the purchase of equipment, travel to professional meetings and conferences and other expenditures necessary where funds for same are not provided by state resources. Additionally, should resources provided by this fund not be used in any year for the general purposes of the Department, then said funds may be used to provide scholarship support to students in the speciality areas comprising the Department of Materials Science and Engineering. The chairperson of the Department shall have responsibility for determining how resources provided by the fund are to be utilized in accordance with the fund's description.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the chairperson of the Department of Materials Science and Engineering and the dean of the College of Engineering in order to carry out the desire of the donor.

September 2, 1992 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Samuel B. McCulloch Memorial Fund

The Samuel B. McCulloch Memorial Fund was established September 2, 1992, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from the widow and friends and colleagues of the late Samuel B. McCulloch, Columbus, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide scholarships or grants-in-aid to varsity swimmers at The Ohio State University. Award recipients shall be selected by the Director of Athletics in consultation with the University Committee on Student Financial Aid.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donors.

The Raymond E., Jr. & Dorothy B. Daily Cancer  
Research Endowment Fund

The Raymond E., Jr. & Dorothy B. Daily Cancer Research Endowment Fund was established September 2, 1992, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from the estate of Dorothy B. Daily (B.S.Ed. '26; M.S. '37) for the support of The Arthur G. James Cancer Hospital and Research Institute.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to support cancer research in The Arthur G. James Cancer Hospital and Research Institute as approved by the Director of The Arthur G. James Cancer Hospital and Research Institute and the Vice President for Health Services.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the Director of The Arthur G. James Cancer Hospital and Research Institute and the Vice President for Health Services in order to carry out the desire of the donor.

September 2, 1992 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Delaware County 4-H Endowment Fund

The Delaware County 4-H Endowment Fund was established September 2, 1992, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from the Delaware County 4-H Advisory Committee and other friends of the Delaware County 4-H Program.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to support the Delaware County 4-H Program. This support may include, but is not limited to, the funding of scholarships and awards for 4-H members, volunteer leaders and friends of 4-H; sponsoring seminars and programs; and purchasing materials or services that will supplement 4-H programming or increase the visibility and public support for 4-H in Delaware County. All expenditures from this fund shall be approved by the Delaware County 4-H Advisory Committee and the professional in charge of the Delaware County 4-H Program.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the Director of The Ohio Cooperative Extension Service and a committee representing the local 4-H donors in order to carry out the desire of the donors.

The Alan Holoch Law Library Fund

The Alan Holoch Law Library Fund was established September 2, 1992, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from family, friends, and colleagues of the late Alan Holoch, Director of the College of Law Library, and Professor of Law.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The Director of the Law Library, after consultation with the Dean of the College of Law, shall use the fund's annual income to assist law library staff members in attending the American Association of Law Libraries' annual meeting and institute, and similar programs of professional development for Law Library staff professional development.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean and director of the Law Library in order to carry out the desire of the donors.

September 2, 1992 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Edward H. Jennings Scholarship Fund

The Edward H. Jennings Scholarship Fund was established September 2, 1992, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from friends and colleagues of Dr. Edward H. Jennings in recognition of Dr. Jennings' nine years of distinguished service as president of The Ohio State University.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide scholarships to students within the College of Business. The selection of the award recipients shall be made by the appropriate College of Business representative or committee in consultation with the University Committee on Student Financial Aid.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donors.

Summary

JULY 1992

<u>Source</u>	<u>7/1/91-7/31/91</u>	<u>July 1992</u>
The Ohio State University Research Foundation	\$14,072,941.99	\$11,757,018.00
Engineering Experiment Station	\$ 1,146,089.00	\$ 1,199,821.00

The Ohio State University Development Fund

Establishment of Named Funds

The Reinberger Cancer Research Endowment Fund (Support cancer research)	\$	50,000.00
The D. W. Miller, 1869-1947, Endowed Scholarship Fund (Scholarships for females - College of Medicine)	\$	25,000.00
The Thomas and Evelyn Stephens Scholarship Fund in Special Education (Scholarship support for graduate students - College of Education)	\$	15,000.00

September 2, 1992 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

Summary (contd)

JULY 1992 (contd)

The Ohio State University Development Fund (contd)

Change in Name of Named Fund

From: The Mildred M. Hugger Medical Research Fund  
To: The Dr. Carl Claron & Mildred Monaghan Hugger Medical Research Fund

Change in Name and Description of Named Funds

From: The Daniel J. L. Firestone Photography Scholarship  
To: The Daniel J. L. Firestone Photography Scholarship Fund  
From: The Ohio State University College of Medicine Ophthalmologic Center  
To: The William H. Havener Eye Center Fund

The Ohio State University Foundation

Approval of Description and Establishment of Funds

The James C. and Ruthe C. Yocum Research Fund (Support archival activities of the former Bureau of Business Research)	\$ 225,000.00
The Professor John C. Burnham Endowment Fund (Used for library acquisitions - Department of History)	\$ 15,000.00

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Establishment of Named Funds

The Reinberger Cancer Research Endowment Fund

The Reinberger Cancer Research Endowment Fund was established September 2, 1992, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from The Reinberger Foundation for the benefit of The Arthur G. James Cancer Hospital and Research Institute.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to support cancer research in The Arthur G. James Cancer Hospital and Research Institute as approved by the Director of The Arthur G. James Cancer Hospital and Research Institute and the Vice President for Health Services.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the Director of The Arthur G. James Cancer Hospital and Research Institute and the Vice President for Health Services in order to carry out the desire of the donor.

The D. W. Miller, 1869-1947, Endowed Scholarship Fund

The D. W. Miller, 1869-1947, Endowed Scholarship Fund was established September 2, 1992, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from Marian Y. Rudd in memory of a person whose concern for others helped many. May those who benefit from it find reason to remember him and follow his example.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall provide scholarships for females enrolled in the College of Medicine with preference given to students from Auglaize or Allen Counties and in turn other Ohio residents. Any unused income should be returned to the principal at the end of each fiscal year. Every tenth year the entire income for that year should revert to The Miller Fund so it may grow and be kept in balance with possible inflation. The selection of the recipient shall be made by the College of Medicine in consultation with the University Committee on Student Financial Aid. In awarding scholarship funds it is preferred that they be as substantial as possible rather than distributing smaller amounts to numerous students.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use, which would provide financial aid to students, shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

September 2, 1992 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Thomas and Evelyn Stephens Scholarship Fund  
in Special Education

The Thomas and Evelyn Stephens Scholarship Fund in Special Education was established September 2, 1992, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from Thomas and Evelyn Stephens and from their friends on the occasion of Dr. Thomas Stephens' retirement as Professor and Associate Dean of The Ohio State University College of Education. The fund is being established to recognize the Stephens' long-term commitment to the College, to students and to special needs populations.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide scholarship support for a graduate student(s) in the College of Education who plans a career working with special needs students and/or programs. Selection of the scholarship recipient(s) shall be made by the Dean of the College of Education in consultation with the University Committee on Student Financial Aid, Dr. Stephens to the extent possible, and appropriate faculty members in the College of Education.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the Dean of the College of Education in order to carry out the desire of the donors.

Change in Name and Description of Named Funds

The Daniel J. L. Firestone Photography Scholarship Fund

The Daniel J. L. Firestone Photography Scholarship was established May 7, 1976, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Daniel J. L. Firestone (B.S.Bus.Adm. '51) of Columbus, Ohio. The description was revised September 2, 1992.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide one or more scholarships for undergraduate students enrolled in photography. The selection of the recipients shall be made by the University Committee on Student Financial Aid upon the recommendation of the Chairperson of the Department of Art and the Dean of the College of the Arts.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer then responsible for the study of photography in order to carry out the desire of the donor.

September 2, 1992 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Change in Name and Description of Named Funds (contd)

The William H. Havener Eye Center Fund

The Ohio State University College of Medicine Ophthalmologic Center was established October 11, 1967, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from faculty of the Department of Ophthalmology and alumni and friends of the Department, the College of Medicine and the University. The name and description were revised September 2, 1992.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

For purposes of the establishment, construction, and maintenance of a facility to be known as The William H. Havener Eye Center, a fund has been established to receive gifts, bequests, grants, etc., from interested individuals. The purpose of this fund is to provide all or a portion thereof of the cost of developing, building, equipping and maintaining the center. This center is intended to be a teaching facility for medical personnel and students at all levels, to further the effective advancement of knowledge through applied and basic research and to provide the necessary clinical facilities for the teaching and improvement of methods of eye care. Accrued interest is to be added to the principal until such time as expenditures are required to fulfill the purposes for which this fund is established. At this time, both accrued interest and principal may be used. Expenditures from this fund are to be made following normal University procedures but must be approved by a committee appointed by the Dean of the College of Medicine and consisting of the Chairperson of the Department of Ophthalmology and three ophthalmologists recommended by the Chairperson of the Department of Ophthalmology from the faculty of that Department. Appointment to the committee will be by the Dean of the College of Medicine and the committee will report to the Dean. The recommendations of this committee will be subject to the approval of the Dean of the College of Medicine.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the Dean of the College of Medicine, the Chairperson of the Department of Ophthalmology, or program administrative officer in order to carry out the desire of the donors.

Change in Name of Named Fund

The Dr. Carl Claron & Mildred Monaghan Hugger  
Medical Research Fund

The Mildred M. Hugger Medical Research Fund was established September 7, 1990, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the Estate of Mildred M. Hugger, New York, New York. The name of the fund was revised September 2, 1992.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

September 2, 1992 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Change in Name of Named Fund (contd)

The Dr. Carl Claron & Mildred Monaghan Huggar  
Medical Research Fund (contd)

The annual income shall be reinvested with no income or principal being distributed until December 23, 2013 (25 years after the donor's death). After such 25 years, one-half of the annual income shall be used for research projects. The other one-half of the annual income shall continue to be reinvested until the value of the fund reaches \$1,000,000. Thereafter, the entire income may be used for research projects. The income may be used for research in the field of cardiac and vascular diseases and diseases of the eye, particularly cataracts, as approved by the Dean of the College of Medicine in consultation with the chairpersons of the appropriate departments. As appropriate, the results of the research supported by this fund shall be published.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

THE OHIO STATE UNIVERSITY FOUNDATION

Approval of Description and Establishment of Funds

The James C. and Ruthe C. Yocum Research Fund

The James C. and Ruthe C. Yocum Research Fund was established September 2, 1992, by the Board of Trustees of The Ohio State University through funds received by the University from The Ohio State University Foundation, which has established an endowed fund with gifts designated for the support of the College of Business from the estate of Ruthe C. Yocum.

Income provided by the Foundation shall be used to support archival activities of the former Bureau of Business Research and research programs now directed by the Dean of the College of Business.

The Professor John C. Burnham Endowment Fund

The Professor John C. Burnham Endowment Fund was established September 2, 1992, by the Board of Trustees of The Ohio State University through funds received by the University from The Ohio State University Foundation, which has established an endowed fund with gifts from a friend and designated for the support of the Department of History.

Income provided by the Foundation shall be distributed to the Department of History to be used for library acquisitions of primary concern and interest to the Department of History. Expenditures from this fund shall be approved by the chairperson of the Department of History.

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## **HOSPITALS BOARD COMMITTEE REPORT**

Mr. Celeste:

The Board's Executive Committee met on July 30. One of the highlights of that meeting was a review of the most recent available Medicare hospital mortality data covering 1988, 1989 and 1990. The data reveal that for all causes, University Hospitals has remained consistently below predicted mortality at 30 days, 90 days and 180 days, despite the fact that our patients are typically more acutely ill than the average patient. Mr. Fraley pointed out that our overall average rate increase of 3 percent and our \$250 semi-private room rate are the lowest in the metropolitan area. During the past fiscal year, University Hospitals was able to reduce receivables from 100 days to 71 days -- well below the target of 85 days set by the Hospitals Board. That was a tremendous accomplishment.

At the August 27 Administrative/Operations Committee meeting Jerry Maier presented an in-depth analysis of the Hospitals' affiliated programs including MedOhio, Skymed, Beechwood, and Sports Medicine. The Committee also reviewed the Long-Term Financial Plan developed to support the financial goals of the medical center's Strategic Plan. Those goals are to maintain 10 days in operating cash reserves; reduce average plant age; provide for bond retirement and capital improvement funds; continue to comply with bond covenants; and operate with a margin not less than .5 percent or greater than 3 percent of net patient revenues. Lastly, the Committee received an update report on planned Cannon Drive improvements and Route 315 access ramps.

The full Hospitals Board also met on August 27. The Board received committee reports and approved the Long-Term Financial Plan as recommended by the Administrative/Operations Committee. After reports from the Medical Director and Chief of Staff. The Board received financial and statistical data from both University Hospitals and the James Cancer Hospital. Mr. Fraley presented an update on the Hospitals' involvement in various community outreach programs. University Hospitals are providing services within the Near East Side community for care of geriatric patients, prevention of premature births, and care for drug-exposed infants and toddlers. Our outreach efforts also include Food Pantry donations; United Way contributions; separate programs providing summer employment for low income students and talented minority students; and 2 additional programs offering educational and training opportunities for jobless/underemployed adults and for parents receiving state financial assistance. Dr. Patricia Temple provided an overview of OSU Managed Health Care Systems, Inc. and its relationship to the Hospitals. The Board reviewed and approved the Bylaws for establishment of the Medical Center Development Council.

That concludes my report, Mr. Chairman.

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## **ACADEMIC AFFAIRS COMMITTEE REPORT**

Mr. Kessler:

The Academic Affairs Committee received a report this morning on the implications for Ohio State of selected recommendations from the statewide Managing For the Future Task Force Report. In relation to that, Associate Provost Nancy Rudd discussed the University's mission; and Associate Provost Ed Ray discussed the regional campuses.

In addition, the Committee is recommending the following resolutions:

September 2, 1992 meeting, Board of Trustees

**HONORARY DEGREES**

Resolution No. 93-18

Synopsis: The Academic Affairs Committee recommended the awarding of honorary degrees to Ralph W. Cummings and Frank H. T. Rhodes.

WHEREAS the Committee on Honorary Degrees and the University Senate, pursuant to rule 3335-5-488 of the Administrative Code, have approved for recommendation to the Board of Trustees awarding of honorary degrees as listed below:

Ralph W. Cummings  
Frank H. T. Rhodes

Doctor of Education  
Doctor of Education

NOW THEREFORE

BE IT RESOLVED, That the above honorary degrees be awarded in accordance with the recommendation at a time convenient to the University and the recipients.

Upon motion of Mr. Kessler, seconded by Mr. Celeste, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**WAIVER**

Resolution No. 93-19

Synopsis: The Academic Affairs Committee recommended the approval of a waiver.

WHEREAS pursuant to the Board's acceptance of the Report of the Committee on Retirement and Insurance on February 6, 1959, and Resolution 77-92, "Principal Administrative Officials" of The Ohio State University are to be relieved of their administrative assignments at age 65; and

WHEREAS the University's current appointment of Robert M. Duncan as Vice President and General Counsel for Legal Affairs would be restricted by the age 65 exclusion; and

WHEREAS Robert M. Duncan has demonstrated outstanding service to the University in his capacity as Vice President and General Counsel and his appointment is within the purview of the affirmative action goals of The Ohio State University; and

WHEREAS the University wishes to continue the appointment of Robert M. Duncan in this administrative post beyond his sixty-fifth birthday:

NOW THEREFORE

BE IT RESOLVED, That Resolution 77-92 and the provisions of the February 6, 1959, Report of the Committee on Retirement and Insurance be waived to allow for the continued appointment of Robert M. Duncan as Vice President and General Counsel for Legal Affairs.

Upon motion of Mr. Kessler, seconded by Mr. Shumate, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**PERSONNEL ACTIONS**

Resolution No. 93-20

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the July 10, 1992 meeting of the Board, including the following Appointments, Promotion, Appointment of Chairpersons and Directors, Reappointment of Chairperson and Director, Leaves of Absence Without Salary, Leave of Absence Without Salary--Continuation, Professional Improvement Leave, Professional Improvement Leaves--Change in Dates, Promotions/Tenure, Emeritus Titles, and Medical Staff Appointments and Reappointments (The Arthur G. James Cancer Hospital and Research Institute) as detailed in the University Budget be approved and the Medical Staff Appointments and Reappointments (The Ohio State University Hospitals) approved June 25, 1992, by the Hospitals Board be ratified.

Appointments

Name: JERRY A. MAY  
Titles: Vice President/President  
Office: Development/University Foundation  
Effective: September 2, 1992  
Salary: \$130,008.00  
Present Position: Director, Principal Gifts Program, The University of Michigan

Name: DAVID WILLIAMS II  
Title: Vice Provost  
Office: Minority Affairs  
Effective: August 1, 1992  
Salary: \$94,908.00  
Present Position: Associate Professor, College of Law

Name: JOSE B. CRUZ, JR.  
Title: Dean  
College: Engineering  
Effective: November 1, 1992  
Salary: \$155,004.00  
Present Position: Professor, Department of Electrical and Computer Engineering, University of California at Irvine

Name: JAMES C. GARLAND  
Title: Dean  
College: Mathematical and Physical Sciences  
Effective: July 1, 1992  
Salary: \$155,004.00  
Present Position: Acting Dean, College of Mathematical and Physical Sciences

Name: ROBERT P. LEONE  
Title: Professor (The Berry Chair of New Technologies in Marketing)  
Department: Marketing  
Effective: January 1, 1993  
Salary: \$120,000.00  
Present Position: The Joe C. Thompson Centennial Professor of Marketing and Senior Research Fellow, IC Institute, University of Texas at Austin

September 2, 1992 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

Promotion

Name: R. REED FRALEY  
Title: Associate Vice President  
Office: Health Services  
Effective: September 1, 1992  
Salary: N/A  
Present Position: Assistant Vice President for Health Services

Correction

Name: SHELDON G. SHORE  
Title: Professor (Charles H. Kimberly Professorship in Chemistry)  
Department: Chemistry  
Corrected Term Dates: April 1, 1992 - March 31, 1996

Appointment of Chairpersons and Directors

July 1, 1992 through June 30, 1993

Wexner Center for the Arts

William B. Cook\*

July 1, 1992 through June 30, 1996

Medicinal Chemistry and Pharmacognosy  
(Department Correction)

Robert W. Brueggemeier

July 20, 1992 through September 30, 1993

Educational Services and Research

James V. Wigtil\*

August 1, 1992 through September 30, 1993

Educational Theory and Practice

Robert J. Tierney\*

September 23, 1992 through September 30, 1996

Center for Women's Studies

Sally Kitch

October 1, 1992 through September 30, 1996

Center for Medieval and Renaissance Studies  
Philosophy

Eve R. Levin  
Daniel M. Farrell

Reappointment of Chairperson and Director

March 15, 1992 through June 30, 1995

Cancer Hospital and Research Institute

David E. Schuller

July 1, 1992 through September 30, 1993

East Asian Languages and Literatures

Feng-Sheng Frank Hsueh\*

Acting\*

September 2, 1992 meeting, Board of Trustees

### **PERSONNEL ACTIONS (contd)**

#### Leaves of Absence Without Salary

GARY J. FERLAND, Professor, Department of Astronomy, effective Autumn Quarter 1992, Winter Quarter, and Spring Quarter 1993, to do research at the Cerro Tololo Inter-American Observatory in Chile.

EDWARD D. COOPER, Assistant Professor, Department of Physics (Mansfield Campus), effective Autumn Quarter 1992, Winter Quarter and Spring Quarter 1993, to accept an appointment at the University College of the Fraser Valley in British Columbia.

#### Leave of Absence Without Salary--Continuation

ROBERT M. BAUM, Assistant Professor, Department of History, effective Autumn Quarter 1992, to continue as a Mellon Fellow at Bryn Mawr College.

#### Professional Improvement Leave

MUKESH SINGHAL, Associate Professor, Department of Computer and Information Science, effective Spring Quarter and Autumn Quarter 1993, and Winter Quarter 1994.

#### Professional Improvement Leaves--Change in Dates

WARREN A. DICK, Professor, Department of Agronomy, change leave from September 1, 1991, through August 31, 1992, to September 1, 1991, through June 30, 1992.

NEIL E. SMECK, Professor, Department of Agronomy, change leave from October 1, 1992, through September 30, 1993, to November 1, 1992, through September 30, 1993.

#### Promotions and Tenure

### COLLEGE OF MEDICINE

#### REGULAR CLINICAL FACULTY

#### REAPPOINTMENT ONLY

ROSEMARY E. REISS, Obstetrics and Gynecology, effective 7/1/93

JOHN V. GAEUMAN, Internal Medicine, effective 7/1/93

#### Promotions and Tenure--Correction

NANCY A. ROGERS, change effective date from 10/1/92 to 8/16/92

#### Emeritus Titles

JOHANNA BELKIN, Department of Germanic Languages and Literatures, with the title Professor Emeritus, effective March 1, 1992.

HAROLD SHECHTER, Department of Chemistry, with the title Professor Emeritus, effective July 1, 1992.

JOHN C. RICE, Cooperative Extension Service, with the title Assistant Professor Emeritus, effective July 1, 1992.

September 2, 1992 meeting, Board of Trustees

## PERSONNEL ACTIONS (contd)

### Emeritus Titles (contd)

EDWIN R. ZARTMAN, Obstetrics and Gynecology, with the title Assistant Professor Emeritus, effective July 1, 1992.

### Medical Staff Appointments (The Arthur G. James Cancer Hospital and Research Institute)

ALLEN, CARL MICHAEL, D.D.S., Clinical Attending Staff, College of Dentistry  
FARINA, RALPH ALBERT, M.D., Associate Attending Staff, Anesthesiology  
GUERTIN, MICHAEL G., M.D., Associate Attending Staff, Anesthesiology  
STEINHAUSER, RAYMOND P., M.D., Associate Attending Staff, Anesthesiology  
WODA, RUSSELL PAUL, D.O., Associate Attending Staff, Anesthesiology  
FORSTHOEFEL, KEVIN F., M.D., Associate Attending Staff, Pathology  
MURRAY, KEVIN DENNIS, M.D., Associate Attending Staff, Surgery  
SIMON, JAMES W., M.D., Clinical Attending Staff, Surgery

### Medical Staff Reappointments (The Arthur G. James Cancer Hospital and Research Institute)

July 1, 1992 - June 30, 1993

JOHN S. MCDONALD, Associate Attending, OB/GYN  
MICHAEL THOMAS STECHISON, Associate Attending, SURG/NEURO

### Medical Staff Appointments (1992-1994) (The Ohio State University Hospitals)

FARINA, RALPH ALBERT, M.D., Attending Staff, Department of Anesthesiology  
WODA, RUSSELL PAUL, D.O., Attending Staff, Department of Anesthesiology  
HIGGASON, BRAD EUGENE, M.D., Limited Staff, Department of Anesthesiology  
LANZEROTTE, MARK J., M.D., Limited Staff, Department of Anesthesiology  
MERTZ, JOHN THOMAS, M.D., Limited Staff, Department of Anesthesiology  
WOLFE, JAMES R., M.D., Limited Staff, Department of Anesthesiology  
BADE, SHELLY, M.D., Limited Staff, Department of Emergency Medicine  
GORA, ALAN GERARD, M.D., Limited Staff, Department of Emergency Medicine  
HAYNES, ANN MARGARET, M.D., Limited Staff, Department of Emergency Medicine  
JONES, DAVID RAY, M.D., Limited Staff, Department of Emergency Medicine  
NEELY, BRUCE K., M.D., Limited Staff, Department of Emergency Medicine  
REYES, DAVID, M.D., Limited Staff, Department of Emergency Medicine  
SOTAK, MICHAEL PATRICK, M.D., Limited Staff, Department of Emergency Medicine  
CHANG, CINDY JEE-SING, M.D., Limited Staff, Department of Family Medicine  
GAMBRELL, ROBERT CLAYTON, M.D., Limited Staff, Department of Family Medicine  
WANINGER, KEVIN J., M.D., Limited Staff, Department of Family Medicine  
LEVINE, EDWARD JAY, M.D., Attending Staff, Department of Internal Medicine,  
Division of Gastroenterology  
WILMER, WILLIAM ARNOLD, M.D., Attending Staff, Department of Internal Medicine,  
Division of General Medicine  
ALBERT, THOMAS JOSEPH, JR., M.D., Limited Staff, Department of Obstetrics and Gynecology  
DEYOUNG-OWENS, ANNA MARIE, M.D., Limited Staff, Department of Obstetrics and Gynecology  
HERTA, NANCY LYNN, M.D., Limited Staff, Department of Obstetrics and Gynecology  
LAGATTUTA, DAVID ANTHONY, M.D., Limited Staff, Department of Obstetrics and Gynecology  
PRINTY, BRIAN JOSEPH, M.D., Limited Staff, Department of Obstetrics and Gynecology  
THOMPSON, SHELLY LYNN, M.D., Limited Staff, Department of Obstetrics and Gynecology  
YOUNG, JAMES EDWARD, M.D., Limited Staff, Department of Obstetrics and Gynecology  
CLARKSON, MARK WILLIAM, M.D., Limited Staff, Department of Otolaryngology

**PERSONNEL ACTIONS (contd)**

Medical Staff Appointments (1992-1994) (The Ohio State University Hospitals) (contd)

GOLL, FREDERICK, III, M.D., Limited Staff, Department of Otolaryngology  
HALLER, JEFFREY RONALD, M.D., Limited Staff, Department of Otolaryngology  
WILLETT, DARRYL NEAL, M.D., Limited Staff, Department of Otolaryngology  
CRUZ, JULIO C., M.D., Limited Staff, Department of Pathology  
FINO, GINA M., M.D., Limited Staff, Department of Pathology  
GAMMON, RICHARD ROBERT, M.D., Limited Staff, Department of Pathology  
JULIUS, CARMEN JOSEPH, M.D., Limited Staff, Department of Pathology  
LEE, MIN-CHEOL, M.D., M.D., Limited Staff, Department of Pathology  
VITTALRAO, ANURADHA, M.B.B.S., Limited Staff - Department of Pathology  
DUENO, OTTO R., M.D., Limited Staff - Department of Psychiatry, Division of General Psychiatry  
HILL, BARBARA ANN, M.D., Limited Staff - Department of Psychiatry, Division of General Psychiatry  
RYAN, MARTIN T., M.D., Limited Staff, Department of Psychiatry, Division of General Psychiatry  
CRIBBS, RANDOLPH KYLE, M.D., Limited Staff, Department of Surgery, Division of General Surgery  
CUNNINGHAM, MICHAEL FREDRICK, M.D., Limited Staff - Department of Surgery, Division of General Surgery  
FOX, CANDACE, M.D., Limited Staff, Department of Surgery, Division of General Surgery  
JONES, GRANT LLOYD, M.D., Limited Staff, Department of Surgery, Division of General Surgery  
KALLIAFAS, STAVROS DIMITRIOS, M.D., Limited Staff, Department of Surgery, Division of General Surgery  
NITAHARA, KENNETH SENJI, M.D., Limited Staff - Department of Surgery, Division of General Surgery  
SCHOTTENSTEIN, MICHAEL STEPHEN, M.D., Limited Staff, Department of Surgery, Division of General Surgery  
SEIFF, MICHAEL ERIC, M.D., Limited Staff, Department of Surgery, Division of General Surgery  
SERRA, FERNANDO GREGORIO, M.D., Limited Staff, Department of Surgery, Division of General Surgery  
STRAKA, PHILIP JOSEPH, M.D., Limited Staff, Department of Surgery, Division of General Surgery  
MUHA, MICHAEL JOHN, M.D., Limited Staff, Department of Surgery, Division of Orthopaedic Surgery  
POPP, JAMES EDWARD, M.D., Limited Staff, Department of Surgery, Division of Orthopaedic Surgery  
RYAN, ANDREW WILSON, M.D., Limited Staff - Department of Surgery, Division of Orthopaedic Surgery  
SOLMEN, JAMES DAVID, M.D., Limited Staff, Department of Surgery, Division of Orthopaedic Surgery  
HOLLAND, GREG CARL, M.D., Limited Staff, Department of Surgery, Division of Plastic Surgery  
GIFT, JAMES J., D.D.S., Limited Staff, Department of Dentistry, Division of Oral and Maxillofacial Surgery  
LANCE, JOHN CHARLES, D.D.S., Limited Staff, Department of Dentistry, Division of Oral and Maxillofacial Surgery  
MCGINNIS, MICHAEL ALFONSO, D.D.S., Limited Staff, Department of Dentistry, Division of Oral and Maxillofacial Surgery  
GUERTIN, MICHAEL G., M.D., Attending Staff, Department of Anesthesiology  
STEINHAUSER, RAYMOND P., M.D., Attending Staff, Department of Anesthesiology  
RAFLA, EMMANUEL K., M.D., Limited Staff, Department of Anesthesiology  
COOK, STEPHANIE C., D.O., Attending Staff, Department of Emergency Medicine  
LASSALETTA, MARGARITA MARIA, M.D., Limited Staff, Department of Emergency Medicine  
MALKOWSKI, MICHAEL JOSEPH, M.D., Limited Staff, Department of Internal Medicine, Division of Cardiology  
HEARNE, DEAN WILLIAM, M.D., Limited Staff, Department of Internal Medicine, Division of Dermatology

**PERSONNEL ACTIONS (contd)**

Medical Staff Appointments (1992-1994) (The Ohio State University Hospitals) (contd)

PUTHUFF, DENISE LYNN, M.D., Limited Staff, Department of Internal Medicine, Division of Dermatology  
PURDY, DOUGLAS JAY, M.D., Limited Staff - Department of Internal Medicine, Division of General Medicine  
ARCHER, THOMAS PATRICK, M.D., Limited Staff, Department of Internal Medicine, Division of General Medicine  
BRECKENRIDGE, MARY BETH, M.D., Limited Staff - Department of Internal Medicine, Division of General Medicine  
BURKE, BRIAN VINCENT, M.D., Limited Staff - Department of Internal Medicine, Division of General Medicine  
CAWLEY, KELLI A., M.D., Limited Staff - Department of Internal Medicine, Division of General Medicine  
CLEMENTS, JOHN CARL, M.D., Limited Staff - Department of Internal Medicine, Division of General Medicine  
DURDA, ELAINE ANNE, M.D., Limited Staff - Department of Internal Medicine, Division of General Medicine  
KANG, YOUNG WON, M.D., Limited Staff - Department of Internal Medicine, Division of General Medicine  
MABEE, CHRISTOPHER LOFREW, M.D., Limited Staff - Department of Internal Medicine, Division of General Medicine  
MURRAY, SCOTT ALAN, M.D., Limited Staff - Department of Internal Medicine, Division of General Medicine  
PAPP, JOHN P., M.D., Limited Staff - Department of Internal Medicine, Division of General Medicine  
SCHULTZ, CHARLES EDWARD, M.D., Limited Staff - Department of Internal Medicine, Division of General Medicine  
SIAS, TINA MARIE, M.D., Limited Staff - Department of Internal Medicine, Division of General Medicine  
THAMBUSWAMY, SUBHA, M.D., Limited Staff - Department of Internal Medicine, Division of General Medicine  
VEGUNTA, SUNEELA, M.D., Limited Staff - Department of Internal Medicine, Division of General Medicine  
YOUNG, JOHN JOSEPH, M.D., Limited Staff - Department of Internal Medicine, Division of General Medicine  
VACCARELLO, LUIS, M.D., Attending Staff - Department of Obstetrics and Gynecology  
OEHLER, JEFFREY CURTIS, M.D., Attending Staff - Department of Ophthalmology  
STAHL, BRIAN RAY, M.D., Attending Staff - Department of Ophthalmology  
HOGAN, CHRISTOPHER D., M.D., Limited Staff - Department of Ophthalmology  
KAGAN, ARKADY BENJAMINE, M.D., Limited Staff - Department of Ophthalmology  
KIRKHAM, STEVEN MICHAEL, M.D., Limited Staff - Department of Ophthalmology  
PAJKA, STANLEY F., M.D., Limited Staff - Department of Ophthalmology  
FORSTHOEFEL, KEVIN F., M.D., Attending Staff - Department of Pathology  
SCALAMOGNA, PHILIP ANTHONY, M.D., Limited Staff - Department of Pathology  
BEEGAN, JAMES GREGORY, M.D., Limited Staff - Department of Physical Medicine & Rehabilitation  
CONWAY, KATHLEEN COULTER, M.D., Limited Staff - Department of Physical Medicine & Rehabilitation  
McHUGH, DANIEL JOSEPH, M.D., Limited Staff - Department of Physical Medicine & Rehabilitation  
JAYANTI, KAMESHWARI, M.D., Limited Staff - Department of Psychiatry, Division of General Psychiatry  
SANDAIRE, BENS JEAN GERALD, D.O., Limited Staff - Department of Psychiatry, Division of

September 2, 1992 meeting, Board of Trustees

General Psychiatry

**PERSONNEL ACTIONS (contd)**

Medical Staff Appointments (1992-1994) (The Ohio State University Hospitals) (contd)

BAKALAKOS, EFTHIMIOS ALEXANDROS, M.D., Limited Staff - Department of Surgery, Division of General Surgery  
BREM, HAROLD, M.D., Limited Staff - Department of Surgery, Division of General Surgery  
FULTON, MARK ANDREW, M.D., Limited Staff - Department of Surgery, Division of General Surgery  
GEHLERT, RICK JONATHAN, M.D., Limited Staff - Division of General Surgery  
ROTENBERG, DAVID DANIEL, M.D., Limited Staff - Department of Surgery, Division of Orthopaedic Surgery  
SANKO, WILLIAM ANDREW, M.D., Limited Staff - Department of Surgery, Division of Orthopaedic Surgery  
MURRAY, KEVIN DENNIS, M.D., Attending Staff - Department of Surgery, Division of Thoracic and Cardiovascular Surgery  
RODRIGUEZ, FRANCISCO NICOLAS, M.D., Limited Staff - Department of Surgery, Division of Transplantation  
SETHI, PARMINDER SINGH, M.D., Limited Staff - Department of Surgery, Division of Urology  
EODCHICK, MICHELE, D.D.S., Limited Staff - Department of Dentistry, Division of General Dentistry  
GOLL, KRISTINE JO, D.D.S., Limited Staff - Department of Dentistry, Division of General Dentistry  
HOCKENBERGER, BRIAN NEIL, D.D.S., Limited Staff - Department of Dentistry, Division of General Dentistry  
LONG, BRIAN MICHAEL, D.D.S., Limited Staff - Department of Dentistry, Division of General Dentistry  
McCABE, TODD W., D.M.D., Limited Staff - Department of Dentistry, Division of General Dentistry  
MERCADO, ANA M., D.M.D., Limited Staff - Department of Dentistry, Division of General Dentistry  
MOLINA, LUZ DE LOURDES, D.M.D., Limited Staff - Department of Dentistry, Division of General Dentistry  
MUELLER, DAVID C., D.D.S., Limited Staff - Department of Dentistry, Division of General Dentistry  
SEXTON, JOSEPH PATRICK, D.D.S., Limited Staff - Department of Dentistry, Division of General Dentistry  
HELMKAMP, JOHN ANDREW, D.D.S., Limited Staff - Department of Dentistry, Division of Oral and Maxillofacial Surgery

Medical Staff Appointments (1991-1993) (The Ohio State University Hospitals)

RESTUCCIO, LAURA, M.D., Courtesy Staff, Department of Family Medicine  
McDONALD, CHERYL LYNN, M.D., Limited Staff, Department of Internal Medicine, Division of Infectious Diseases  
CHAMBERS, LINDA ANN, M.D., Courtesy Staff, Department of Pathology

Medical Staff Reappointments (1992-1994) (The Ohio State University Hospitals)

BROWN, LORA J., Limited Staff, Department of Internal Medicine--Division of General Medicine  
HARTON, PAUL J., JR., Limited Staff, Department of Ophthalmology  
MABEE, SCOTT W., Limited Staff, Department of Internal Medicine--Division of General Medicine  
MAGORIEN, DOUGLAS M., Limited Staff, Department of Internal Medicine--Division of General Medicine  
MAHER, EILEEN M., Courtesy Staff, Department of Pediatrics  
MAHER, WILLIAM E., Attending Staff, Department of Internal Medicine--Division of Infectious Diseases

September 2, 1992 meeting, Board of Trustees

MAK, THOMAS A., Limited Staff, Department of Psychiatry--Division of General Psychiatry  
MALARKEY, WILLIAM B., Attending Staff, Department of Internal Medicine--Division of Endocrinology and Metabolism  
MALLORY, THOMAS H., Attending Staff, Department of Surgery--Division of Orthopaedic Surgery

### **PERSONNEL ACTIONS (contd)**

#### Medical Staff Reappointments (1992-1994) (The Ohio State University Hospitals) (contd)

MARSH, CLAY B., Limited Staff, Department of Internal Medicine--Division of Pulmonary Diseases  
MARTIN, DANIEL J., Attending Staff, Department of Psychiatry--Division of General Psychiatry  
MARTIN, DANIEL R., Attending Staff, Department of Emergency Medicine (Joint Appointment with the Department of Internal Medicine--Division of General Medicine)  
MAY, ALBERT N., Courtesy Staff, Department of Pediatrics  
MAZZAFERRI, ERNEST L., Attending Staff, Department of Internal Medicine--Division of Division of Endocrinology & Metabolism  
MCCLEAD, RICHARD E., Attending Staff, Department of Pediatrics  
MCCLUNG, HUGO J., Attending Staff, Department of Pediatrics  
MCCOY, KAREN S., Attending Staff, Department of Pediatrics  
MCGOVERN, JAMES J., Limited Staff, Department of Pediatrics  
MCGOWAN, KATHLEEN A., Courtesy Staff, Department of Ophthalmology  
MCNAMARA, BONNIE L., Limited Staff, Department of Family Medicine  
MEAGHER, MICHAEL J., Courtesy Staff, Department of Surgery--Division of Neurosurgery  
MECHENBIER, JAMES A., Courtesy Staff, Department of Otolaryngology  
MELECA, MICHAEL J., Limited Staff, Department of Internal Medicine--Division of General Medicine  
MERRYMAN, WILLIAM B., Courtesy Staff, Department of Obstetrics and Gynecology  
MERVIS, LAWRENCE J., Attending Staff, Department of Surgery--Division of Neurosurgery  
MESSICK, GEORGE M., Courtesy Staff, Department of Pediatrics  
MESSICK, RICHARD T., Courtesy Staff, Department of Internal Medicine--Division of Rheumatology/Immunology  
MILLER, CAROLE A., Courtesy Staff, Department of Surgery--Division of Neurosurgery  
MILLER, RANDY R., Attending Staff, Department of Pediatrics  
MIRVIS, BRUCE R., Courtesy Staff, Department of Pediatrics  
MOBIN-UDDIN, SAEEDA, Attending Staff, Department of Obstetrics and Gynecology (joint with Pediatrics)  
MOHLER, LESTER R., Courtesy Staff, Department of Surgery--Division of Plastic Surgery  
MONTANA, BLAKE W., Limited Staff, Department of Emergency Medicine  
MORGAN, DONALD A., Attending Staff, Department of Dentistry--Division of General Dentistry  
MORGAN, JOHN D., Limited Staff, Department of Pediatrics  
MORMOL, JOHN L., Courtesy Staff, Department of Pediatrics  
MORROW, GRANT, III, Attending Staff, Department of Pediatrics  
MULLER, ROGER A., Limited Staff, Department of Emergency Medicine  
MURRAY, ROBERT D., Attending Staff, Department of Pediatrics  
MUTABAGANI, KHALED H., Limited Staff, Department of Pediatrics  
MUZUMDAR, KAMINI S., Limited Staff, Department of Pediatrics  
NANKERVIS, CRAIG A., Limited Staff, Department of Pediatrics  
NEAL, CLARENCE J., JR., Courtesy Staff, Department of Dentistry--Division of General Dentistry  
NICOLOZAKES, ALEXANDRUS W., Limited Staff, Department of Internal Medicine--Division of General Medicine  
O'DAIR, ROBERT B., Attending Staff, Department of Ophthalmology  
O'DORISIO, THOMAS M., Attending Staff, Department of Internal Medicine--Division of Endocrinology & Metabolism  
OEHLER, MARY C., Limited Staff, Department of Radiology--Division of Diagnostic Radiology  
OFFENBURGER, GREG L., Attending Staff, Department of Dentistry--Division of Oral & Maxillofacial Surgery  
O'GRADY, NAOMI P., Limited Staff, Department of Internal Medicine--Division of General Medicine

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OHYE, ELIZABETH A., Limited Staff, Department of Internal Medicine--Division of General Medicine

OLMOS, PABLO R., Limited Staff, Department of Internal Medicine--Division of Endocrinology and Metabolism

OLSON, THOMAS A., Attending Staff, Department of Pediatrics

### **PERSONNEL ACTIONS (contd)**

#### Medical Staff Reappointments (1992-1994) (The Ohio State University Hospitals) (contd)

O'ROUKE, DONALD E., Courtesy Staff, Department of Obstetrics and Gynecology

ORR, JANET S., Limited Staff, Department of Pediatrics

ORSINELLI, DAVID A., Attending Staff, Department of Internal Medicine--Division of Cardiology

ORTIZ, XAVIER G., Limited Staff, Department of Obstetrics and Gynecology

OSBORNE, DYAN J., Limited Staff, Department of Anesthesiology

OSEI, KWAME, Attending Staff, Department of Internal Medicine--Division of Endocrinology and Metabolism

O'SHAUGHNESSY, RICHARD W., Attending Staff, Department of Obstetrics and Gynecology

OSTRUM, ROBERT F., Attending Staff, Department of Surgery--Division of Orthopaedic Surgery

OVERHOLT, LETICIA M., Limited Staff, Department of Emergency Medicine

PACHT, ERIC R., Attending Staff, Department of Internal Medicine--Division of Pulmonary Diseases

PAGANO, TRINA M., Limited Staff, Department of Obstetrics and Gynecology

PALTE-KNAPKE, MARY J., Limited Staff, Department of Emergency Medicine

PAPENFUSE, MICHAEL D., Limited Staff, Department of Anesthesiology

PAPPA, KARL S., Attending Staff, Department of Ophthalmology

PARICIO, TODD S., Limited Staff, Department of Anesthesiology

PARK, ROGER W., Courtesy Staff, Department of Pediatrics

PARKER, JOHN J., Limited Staff, Department of Emergency Medicine

PASSAFIUME, DAVID M., Limited Staff, Department of Anesthesiology

PASTOREK, JOHN S., Limited Staff, Department of Pediatrics

PELLEGRINI, ARTHUR E., Attending Staff, Department of Internal Medicine--Division of Dermatology (joint with Pathology)

PELLETIER, RONALD P., Limited Staff, Department of Surgery--Division of General Surgery

PETERS, MARILYNN J., Limited Staff, Department of Psychiatry--Division of General Psychiatry

PETERSON, JAMES W., Limited Staff, Department of Internal Medicine--Division of Cardiology

PETRELLA, RICHARD A., Courtesy Staff, Department of Pediatrics

PFEIL, SHERYL A., Attending Staff, Department of Internal Medicine--Division of Gastroenterology

PIEROTTI, STEPHEN E., Limited Staff, Department of Internal Medicine--Division of Orthopaedic Surgery

PINSONNEAULT, JUDY M., Limited Staff, Department of Family Medicine

PLOUFFE, JOSEPH F., Attending Staff, Department of Internal Medicine--Division of Infectious Diseases

PLURAD, MARIA N., Limited Staff, Department of Anesthesiology

POSTLEWAITE, DAVID S., Attending Staff, Department of Surgery--Division of Plastic Surgery

POTTER, CAROL J., Attending Staff, Department of Pediatrics

POWELL, DWIGHT A., Attending Staff, Department of Pediatrics

QUALMAN, STEPHEN J., Attending Staff, Department of Pathology

RAGOSIN, ROBERT J., Attending Staff, Department of Radiology--Division of Diagnostic Radiology

RAMUNDO, MARY B., Attending Staff, Department of Internal Medicine--Division of Infectious Diseases

RAUB, JEFFREY B., Limited Staff, Department of Pediatrics

RAUCK, AMANDA M., Attending Staff, Department of Pediatrics

REBER, KRISTINA M., Limited Staff, Department of Pediatrics

REED, H. PAUL, Limited Staff, Department of Anesthesiology

REIS, ROBERT D., Limited Staff, Department of Pediatrics

REMER, STEVEN L., Limited Staff, Department of Anesthesiology

REMMELL, DIANE R., Limited Staff, Department of Pediatrics

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RICHARDS, DALE R., Limited Staff, Department of Psychiatry--Division of General Psychiatry

RICHARDS, STEPHEN R., Courtesy Staff, Department of Obstetrics and Gynecology

RIDGEWAY, JOSEPH A., Limited Staff, Department of Radiology--Division of Diagnostic Radiology

ROACH, JANE A., Courtesy Staff, Department of Pediatrics

**PERSONNEL ACTIONS (contd)**

Medical Staff Reappointments (1992-1994) (The Ohio State University Hospitals) (contd)

ROBERTS, DAVID E., Attending Staff, Department of Internal Medicine--Division of Cardiology  
ROBERTS, JOHN B., Attending Staff, Department of Surgery--Division of Orthopaedic Surgery  
ROBBINS, MALCOLM L., Courtesy Staff, Department of Pediatrics  
ROBINSON, JOHN L., Attending Staff, Department of Internal Medicine--Division of Cardiology  
ROBINSON, RAYMOND E., Courtesy Staff, Department of Obstetrics and Gynecology  
ROBITAILLE, PATRICIA A., Limited Staff, Department of Emergency Medicine  
ROHYANS, JOANN C., Courtesy Staff, Department of Pediatrics  
ROMSHE, CAROLYN A., Attending Staff, Department of Pediatrics  
ROSEBERRY, ROSEMARY H., Limited Staff, Department of Pediatrics  
ROSENBERG, ELLEN M., Attending Staff, Department of Pediatrics  
ROSENBERG, ROBERT B., Limited Staff, Department of Pediatrics  
ROSIEK, BETSY K., Limited Staff, Department of Psychiatry--Division of General Psychiatry  
RUBERG, ROBERT L., Attending Staff, Department of Surgery--Division of Plastic Surgery  
RUBIN-REMER, DANA M., Limited Staff, Department of Pediatrics  
RUFF, PAUL D., Courtesy Staff, Department of Internal Medicine--Division of Cardiology  
RUEDRICH, DAVID A., Courtesy Staff, Department of Obstetrics and Gynecology  
RUEGER, WILLIAM J., Courtesy Staff, Department of Pediatrics  
RUMANCIK, MARK S., Limited Staff, Department of Internal Medicine--Division of Nephrology  
RUSSELL, DANIEL W., Limited Staff, Department of Anesthesiology  
RYU, GRACE Y., Limited Staff, Department of Pediatrics  
SAUNDERS, WILLIAM H., Attending Staff, Department of Otolaryngology  
SAWAYA, GEORGE A., Courtesy Staff, Department of Obstetrics and Gynecology  
SAWYER, DAVID M., Limited Staff, Department of Anesthesiology  
SCHAEFFER, KARL I., Courtesy Staff, Department of Obstetrics and Gynecology  
SCHARF, WILLIAM R., Limited Staff, Department of Surgery--Division of General Surgery  
SCHIRMER, WILLIAM J., Attending Staff, Department of Surgery--Division of General Surgery  
SCHULSKI, LINDA A., Limited Staff, Department of Internal Medicine--Division of Dermatology  
SCHULTHEIS, CHAD W., Limited Staff, Department of Psychiatry--Division of General Psychiatry  
SCHULTZ, DANA J., Courtesy Staff, Department of Pediatrics  
SCHUSTER, ANDREAS W., Limited Staff, Department of Anesthesiology  
SCHUSTER, DARA P., Limited Staff, Department of Internal Medicine--Division of General  
Medicine  
SEDMAK, PRIMROSE A., Limited Staff, Department of Internal Medicine--Division of General  
Medicine  
SHEHATA, MAHMOUD E.S., Limited Staff, Department of Psychiatry--Division of General  
Psychiatry  
SHEETS, EILEEN H., Courtesy Staff, Department of Pediatrics  
SHEPHERD, LARRY M., Courtesy Staff, Department of Pediatrics  
SHIBLEY, KIRK A., Limited Staff, Department of Obstetrics and Gynecology  
SHIRAKI, CAROLYN K., Limited Staff, Department of Anesthesiology  
SHULTZ, JOHN P., Courtesy Staff, Department of Pediatrics  
SIEGLE, RONALD J., Attending Staff, Department of Otolaryngology  
SIMON, SHELDON R., Attending Staff, Department of Surgery--Division of Orthopaedic Surgery  
SINARD, DOROTHY B., Limited Staff, Department of Pediatrics  
SINNATHAMBY, SUKIRTHARAN, Limited Staff, Department of Internal Medicine--Division of  
General Medicine  
SLONE, HASEL W., Limited Staff, Department of Radiology--Division of Diagnostic Radiology  
SMEAD, WILLIAM L., Attending Staff, Department of Surgery--Division of Vascular Surgery  
SMITH, GARY A., Attending Staff, Department of Pediatrics  
SMITH, JAMES H., Limited Staff, Department of Internal Medicine--Division of General Medicine  
SOMMER, ANNEMARIE, Attending Staff, Department of Pediatrics  
SOTOS, JOHN P., Courtesy Staff, Department of Pediatrics  
SPECH, ROBERT W., Limited Staff, Department of Internal Medicine--Division of General Medicine

**PERSONNEL ACTIONS (contd)**

Medical Staff Reappointments (1992-1994) (The Ohio State University Hospitals) (contd)

STAHL, DEBORAH A., Limited Staff, Department of Anesthesiology  
STECHISON, MICHAEL T., Attending Staff, Department of Surgery--Division of Neurosurgery  
STECHSCHULTE, ELIZABETH A., Attending Staff, Department of Internal Medicine--Division of  
General Medicine  
STECHSCHULTE, JOHN R., Attending Staff, Department of Ophthalmology  
STECHSCHULTE, MARK, Limited Staff, Department of Internal Medicine--Division of  
Gastroenterology  
STEIN, RINA A., Limited Staff, Department of Emergency Medicine  
STRAFFORD, J. CRAIG, Courtesy Staff, Department of Obstetrics and Gynecology  
STROEBEL, FRANK W., Courtesy Staff, Department of Pediatrics  
STUBBS, ANNE-THERESE, Limited Staff, Department of Emergency Medicine  
SULLIVAN, MICHAEL J., Attending Staff, Department of Otolaryngology  
SULLIVAN, MILLER J., JR., Courtesy Staff, Department of Pediatrics  
SUMMERS, BRADLEY K., Limited Staff, Department of Otolaryngology  
SVADJIAN, HRATCH N., Limited Staff, Department of Psychiatry--Division of General Psychiatry  
SWAMY, SUDHA, Limited Staff, Department of Internal Medicine--Division of General Medicine  
SZYKOWNY, LEE S., Limited Staff, Department of Psychiatry--Division of General Psychiatry  
TELLER, TIMOTHY A., Limited Staff, Department of Pediatrics  
THOMAS, FRED B., Attending Staff, Department of Internal Medicine--Division of Gastroenterology  
THOMAS, MELVIN W., Courtesy Staff, Department of Family Medicine (Joint with Preventive  
Medicine)  
TORRES, CARLOS A., Limited Staff, Department of Emergency Medicine  
TROUT, WAYNE C., Limited Staff, Department of Obstetrics and Gynecology  
TUCKER, FREDERICK C., JR., Limited Staff, Department of Internal Medicine--Division of  
Hematology and Oncology  
TURMAN, MARTIN A., Attending Staff, Department of Pediatrics  
UNVERFERTH, LOUIS J., Courtesy Staff, Department of Surgery--Division of Orthopaedic Surgery  
UTRATA, PETER J., Attending Staff, Department of Ophthalmology  
VAN FOSSEN, DOUGLAS B., Attending Staff, Department of Internal Medicine--Division of  
Cardiology  
VASBINDER, DARLENE A., Limited Staff, Department of Pediatrics  
VASILJEVIC, JASNA, Limited Staff, Department of Internal Medicine--Division of General Medicine  
VESSELS, ROBERT C., Attending Staff, Department of Dentistry--Division of General Dentistry  
VORBROKER, MICHAEL L., Limited Staff, Department of Emergency Medicine  
VORYS, ANN S., Attending Staff, Department of Internal Medicine--Division of Infectious Diseases  
VORYS, NICHOLS, Courtesy Staff, Department of Obstetrics and Gynecology  
WAGNER, DIANA T., Limited Staff, Department of Pediatrics  
WAHOFF, CHARLES G., Courtesy Staff, Department of Pediatrics  
WALLEN, ELIZABETH A., Courtesy Staff, Department of Pediatrics  
WALSON, PHILIP D., Attending Staff, Department of Pediatrics  
WALTERS, JOHN D., Courtesy Staff, Department of Dentistry--Division of General Dentistry  
WARREN, SAMUEL M., Limited Staff, Department of Anesthesiology  
WEBER, PAUL A., Attending Staff, Department of Ophthalmology  
WELLER, RONALD A., Attending Staff, Department of Psychiatry--Division of General Psychiatry  
WESTMAN, JUDITH A., Attending Staff, Department of Pediatrics  
WEWERS, MARK D., Attending Staff, Department of Internal Medicine--Division of Pulmonary  
Diseases  
WHITAKER, ELIZABETH R., Limited Staff, Department of Pediatrics  
WHITE, JENNIFER L., Courtesy Staff, Department of Pediatrics  
WHITEHEAD, ROBERT D., Limited Staff, Department of Family Medicine  
WILKIN, JONATHAN K., Attending Staff, Department of Internal Medicine--Division of Dermatology

September 2, 1992 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

Medical Staff Reappointments (1992-1994) (The Ohio State University Hospitals) (contd)

WILLIAMS, GWYNETTE M., Courtesy Staff, Department of Pediatrics  
WILLIAMS, MICHAEL J., Limited Staff, Department of Internal Medicine--Division of General Medicine  
WISE, HENRY A., Attending Staff, Department of Surgery--Division of Urology  
WOODARD, WILEY G., Courtesy Staff, Department of Obstetrics and Gynecology  
YENDREK, RONALD J., Limited Staff, Department of Psychiatry--Division of General Psychiatry  
YORK, JEFFREY P., Attending Staff, Department of Surgery--Division of Urology  
ZEKAN, THOMAS J., Limited Staff, Department of Radiology--Division of Diagnostic Radiology  
ZIMMERMAN, DAVID A., Limited Staff, Department of Internal Medicine--Division of General Medicine  
ZIVONY, DANIEL I., Limited Staff, Department of Pediatrics  
ZUKOWSKI, CHRIS M., Limited Staff, Department of Pediatrics  
ZYNIEWICZ, KELLEY J., Courtesy Staff, Department of Internal Medicine--Division of Dermatology  
MCDONALD, JOHN S. (joint with Obstetrics and Gynecology), Attending Staff, Department of Anesthesiology  
VILLAREAL, JAMES M., Limited Staff, Department of Emergency Medicine  
MEZGER, RONALD A., Attending Staff, Department of Family Medicine  
PRESCOTT, DAVID H., Attending Staff, Department of Family Medicine  
SCARBOROUGH, DWIGHT A., Courtesy Staff, Department of Internal Medicine - Division of Dermatology  
YODER, FRANK W., Courtesy Staff, Department of Internal Medicine - Division of Dermatology  
MEKHJIAN, HAGOP S., Attending Staff, Department of Internal Medicine - Division of Gastroenterology  
MORTON, LUETTE M., Limited Staff, Department of Internal Medicine - Division of Gastroenterology  
PINTZ, EVELYN E., Attending Staff, Department of Internal Medicine - Division of General Medicine  
TALLO, DIANE, Courtesy Staff, Department of Internal Medicine - Division of General Medicine  
METZ, EARL N., Attending Staff, Department of Internal Medicine - Division of Hematology/Oncology  
O'BRIEN, RICHARD E., Courtesy Staff, Department of Internal Medicine - Division of Pulmonary Diseases  
NEWTON, HERBERT B., Attending Staff, Department of Neurology  
RAMMOHAN, KOTTIL W., Attending Staff, Department of Neurology  
SAHENK, ZARIFE, Attending Staff, Department of Neurology  
PAKALNIS, ANN, Courtesy Staff, Department of Neurology  
PHILBROOK, BRYAN L., Limited Staff, Department of Neurology  
NYESTE, LAWRENCE J., Courtesy Staff, Department of Obstetrics and Gynecology  
PARASKOS, JOHN P., Courtesy Staff, Department of Obstetrics and Gynecology  
RUSS, JOHN S., Courtesy Staff, Department of Obstetrics and Gynecology  
SPRAGUE, MICHAEL S., Courtesy Staff, Department of Obstetrics and Gynecology  
STEMPEL, LAURENCE E., Courtesy Staff, Department of Obstetrics and Gynecology  
WILLIAMS, STEVEN R., Courtesy Staff, Department of Obstetrics and Gynecology  
WRIGHT, FRANK C., Courtesy Staff, Department of Obstetrics and Gynecology  
WURST, ANN M., Courtesy Staff, Department of Obstetrics and Gynecology  
PARKER, MICHAEL S., Limited Staff, Department of Obstetrics and Gynecology  
PORTMAN, DAVID J., Limited Staff, Department of Obstetrics and Gynecology  
MAUGER, THOMAS F., Attending Staff, Department of Ophthalmology  
MINNING, CARL A., JR., Courtesy Staff, Department of Ophthalmology  
O'TOOLE, ROBERT V. (joint with Obstetrics and Gynecology), Attending Staff, Department of Pathology  
MENKE, JAMES A., Attending Staff, Department of Pediatrics  
NOWICKI, PHILIP T., Attending Staff, Department of Pediatrics  
RUYMANN, FREDERICK B., Attending Staff, Department of Pediatrics

**PERSONNEL ACTIONS (contd)**

Medical Staff Reappointments (1992-1994) (The Ohio State University Hospitals) (contd)

TESKE, DOUGLAS W., Attending Staff, Department of Pediatrics  
TSAO, CHANG-YONG, Attending Staff, Department of Pediatrics  
RAYO, BARBARA B., Courtesy Staff, Department of Pediatrics  
ROGERS, ANN M., Courtesy Staff, Department of Pediatrics  
ROTHERMEL, KIM G., Courtesy Staff, Department of Pediatrics  
ST. JOHN, JEAN M., Courtesy Staff, Department of Pediatrics  
STEINEM, CYNTHIA A., Courtesy Staff, Department of Pediatrics  
THORNE, CYNTHIA A., Courtesy Staff, Department of Pediatrics  
VASQUEZ, E. SILVIA B., Courtesy Staff, Department of Pediatrics  
WEHE, ROBERT A., Courtesy Staff, Department of Pediatrics  
WHEASLER, RAY S., Courtesy Staff, Department of Pediatrics  
WODARCYK, KATHLEEN M., Courtesy Staff, Department of Pediatrics  
NOFZINGER, PATRICIA A., Limited Staff, Department of Pediatrics  
PERRY, MICHAEL A., Limited Staff, Department of Pediatrics  
PFAU, BRAD T., Limited Staff, Department of Pediatrics  
VENESY, DEBORAH A., Attending Staff, Department of Physical Medicine & Rehabilitation  
LEVINE, LARRY A., Limited Staff, Department of Physical Medicine & Rehabilitation  
MCLAUGHLIN, MATTHEW M., Limited Staff, Department of Physical Medicine & Rehabilitation  
MURRAY, DIANE M., Limited Staff, Department of Physical Medicine & Rehabilitation  
RONAN, PATRICK G., Limited Staff, Department of Physical Medicine & Rehabilitation  
ROSSI, THOMAS A., Limited Staff, Department of Physical Medicine & Rehabilitation  
ROWLAND, TODD R., Limited Staff, Department of Physical Medicine & Rehabilitation  
SHAMIR, DAN, Limited Staff, Department of Physical Medicine & Rehabilitation  
STRAKOWSKI, JEFFREY A., Limited Staff, Department of Physical Medicine & Rehabilitation  
YARAB, RONALD M., JR., Limited Staff, Department of Physical Medicine & Rehabilitation  
WERNER, LISA M., Limited Staff, Department of Psychiatry - Division of Child Psychiatry  
WOLFE, KIRK D., Limited Staff, Department of Psychiatry - Division of Child Psychiatry  
MUELLER, CHARLES F., Attending Staff, Department of Radiology - Division of Diagnostic Radiology  
MINER, MICHAEL E., Attending Staff, Department of Surgery - Division of Neurosurgery  
WOODWORTH, BRUCE E., Attending Staff, Department of Surgery - Division of Urology  
ULRICH, JEFFREY C., Limited Staff, Department of Surgery - Division of Urology  
WARNER, STEPHEN J., Limited Staff, Department of Surgery - Division of Orthopaedic Surgery  
SIMON, JAMES W., Courtesy Staff, Department of Surgery - Division of Urology  
WEAVER, JOEL M. (joint with Anesthesiology), Attending Staff, College of Dentistry - Division of General Dentistry

Upon motion of Mr. Kessler, seconded by Ms. Casto, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**RESOLUTIONS IN MEMORIAM**

Resolution No. 93-21

Synopsis: The Academic Affairs Committee recommended the approval of six Resolutions in Memoriam.

RESOLVED, That the Board adopt the following Resolutions in Memoriam and that the President be requested to convey a copy to the families of the deceased.

September 2, 1992 meeting, Board of Trustees

### RESOLUTIONS IN MEMORIAM (contd)

Richard W. Bjornson

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on July 16, 1992, of Richard W. Bjornson, Professor in the Department of French and Italian and the Division of Comparative Studies in the Humanities.

Richard Bjornson was born January 16, 1938, in Oak Park, Illinois. He received his early training at Proviso East High School in Maywood, Illinois, his B.A. from Lawrence College in 1959, the M.A. at Northwestern University in 1961, and in 1968 his doctorate from the Universite de Paris. Before joining the faculty of Comparative Literature at The Ohio State University in 1974, he held teaching appointments at the Universities of Maryland and Wisconsin.

Dr. Bjornson was a comparatist of wide-ranging interests and a specialist in literatures of sub-Saharan Africa, especially Cameroon. His book on the cultural history of that country, The African Quest for Freedom and Identity (Indiana, 1991) has been widely praised as a scholarly model and was awarded the Choice best academic book of the year award. His Mongo Beti and the Aesthetics of Commitment is forthcoming (Cambridge). A distinguished translator of African writers, Richard Bjornson published seven volumes of translations, including the historically significant Doguiçimi by Hazoume and Tales from My Hut by Pilombe. Editor of the principal American journal of African literatures, Research in African Literatures, he was editor of several special journal issues and also of essay collections, most recently Africa and the West (with Isaac Mowoe, Greenwood, 1986). He lectured frequently in Africa and in Europe and was Visiting Professor at the University of Bayreuth. His innovative comparative study, The Picaresque Hero in European Fiction (Wisconsin, 1977), was frequently reprinted and influential in renewing the subject.

An outstanding teacher at all levels, Dr. Bjornson was also a specially revered director of dissertations and an outstanding mentor to younger scholars. He worked indefatigably on curricular development, in both Comparative Studies and French and Italian, and was instrumental in establishing in the latter a flourishing program in Francophone Literatures, which he directed. His energetic commitment to interdisciplinary studies included organization of several colloquia in the College of Humanities, on broad topics like "The Future of the University" (1990) and "Rethinking Patterns of Knowledge" (1989), and their publication, with Dr. Marilyn Waldman, in the series Papers in Comparative Studies. Dr. Bjornson was awarded a University Alumni Teaching Award in 1982.

Active in the University Senate and its committees, especially on Academic Freedom, Dr. Bjornson was also a valued participant and officer in national learned societies, including the African Literature Association and the Modern Language Association of America, in which he was a member of the Prize Committee and the Delegate Assembly. The Ohio Humanities Council, in recognition of his service to it and beyond as an exemplary humanist, has named in his honor a humanities prize to be awarded annually.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in their loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Richard P. Goldthwait

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on July 7, 1992, of Richard P. Goldthwait, Professor Emeritus in the Department of Geological Sciences.

September 2, 1992 meeting, Board of Trustees

### **RESOLUTIONS IN MEMORIAM (contd)**

Richard P. Goldthwait (contd)

Professor Goldthwait was born in Hanover, New Hampshire, on June 6, 1911. He received an A.B. (1933) in Geology from Dartmouth College, and a M.S. (1937) and Ph.D. (1939) in Geology from Harvard University. From 1939 to 1943, he was an Instructor and Assistant Professor of Geology at Brown University. Dr. Goldthwait moved to Ohio in 1944 to serve in the U.S. Army Air Force as a Materials Engineer at Wright Field. He joined the faculty of The Ohio State University as Associate Professor in 1946 in the Department of Geology, and served as Professor from 1948 until his retirement in 1977. He founded and was the first Director (1960-65) of the Institute of Polar Studies. He was Chairman of the Department of Geology (1965-69) and Acting Dean of College of Mathematics and Physical Sciences (1972).

He was a member and fellow of numerous national and international scientific organizations. He was President of the Ohio Academy of Science (1958-59), a Governor of the Arctic Institute of North America (1960-66), and on the Council of International Glaciological Society (1970-73).

In his youth, he worked as a field assistant for his father, an eminent geologist at Dartmouth College, and in 1935 began his own research on glacial geology and glaciology. In 1936 he published the results of the first successful seismic sounding through glacier ice. Much of his career was devoted to understanding the glacial history of Ohio and he was one of the first to use carbon-14 dating in this task. He published more than 30 papers and reports, many co-authored with his students, on the glacial geology of Ohio. These have been of immense practical value in resource development, waste disposal, and land-use planning. Concepts and models for deglaciation and glacial morphologic features benefitted from his research on glaciers and glacial landscapes in Antarctica, Greenland, Baffin Island, Alaska, and New Zealand. He published more than 100 papers and reports and edited or authored five books. His understanding of past and present glaciers continued to grow even in retirement. As a Professor Emeritus, he continued to do field research, publish papers, edit books, organize sessions at professional meetings, and give advice to young scientists, other professionals, and students.

His many awards and honors include the Antarctic Medal from the U.S. Congress (1968), the Outstanding Quaternary Scientist Award of the Geological Society of America (1981), the first Distinguished Career Award from the Geological Society of America (1986), and the Mather Medal from the Ohio Geological Survey (1989). Mount Goldthwait in Antarctica and the Goldthwait Polar Library of the Byrd Polar Research Center are named for him.

He influenced the lives of many with courses, popular lectures (some on radio), publications, and his service to the university, the community and the state. His wisdom, foresight, high standards, and enthusiasm in research and education will not be forgotten.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in their loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

R. George Jaap

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on July 18, 1992, of R. George Jaap, Professor Emeritus in the Department of Poultry Science.

**RESOLUTIONS IN MEMORIAM (contd)**

R. George Jaap (contd)

Dr. Jaap was born on October 27, 1905, at Thedford, Ontario, Canada. He received a Bachelor of Arts degree in 1927 and a Bachelor of Science degree in Agriculture in 1929 from the University of Saskatchewan. Dr. Jaap earned his Master of Science degree in 1930 and his Ph.D. in 1933 from the University of Wisconsin. He spent one year as a Post Doctoral Researcher in Genetics at the University of Wisconsin before joining the faculty of the Oklahoma State University. He came to The Ohio State University in 1946 as Professor of Poultry Science. He retired in June 1976, after a long career of distinguished service to the poultry industry. During his career, he served as senior advisor for 16 M.S. and 22 Ph.D. students. He was author or co-author of 86 research articles pertaining to chickens, ducks, or turkeys. He taught courses in avian physiology, animal breeding, and poultry genetics.

Dr. Jaap's major contributions to the poultry industry were through research on quantitative inheritance of growth rate and egg production in chickens and utilization of breeding methods to achieve rapid gains in performance. He published meritorious research in the inheritance of various single gene traits in avian species; in psychological genetics related to hormonal response and development of endocrine glands; in breeding methods for application of inbreeding and crossbreeding to obtain superior performance; and in cytogenetics by identifying chromosomal abnormalities that alter development.

Dr. Jaap was particularly active in the Poultry Science Association and the World's Poultry Science Association. He served as Associate Editor of Poultry Science from 1939-1944 and Editor of the journal from 1944-1949. He was elected as a Fellow in the Poultry Science Association in 1959 and served as President in 1962-63. He was Editor of the World's Poultry Science Journal from 1958-1973 and from 1958-1978 served as Treasurer and Assistant Secretary for the World's Poultry Science Association.

His professional awards and honors included a Fulbright Research Scholarship in 1951, the Ralston Purina Teaching Award of the Poultry Science Association in 1970, the French Medal of Honor for Excellent Service to Agriculture in 1971, the Macdougall Award for meritorious service to the World's Poultry Science Association in 1974, election to the American Poultry Historical Society Poultry Hall of Fame in 1977, and the Distinguished Graduate in Agriculture Award by The University of Saskatchewan in 1986. In 1992 he received the Meritorious Service Award by the Ohio Poultry Association, and was selected for the International Poultry Hall of Fame.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Emanuel D. Rudolph

The Board of Trustees of The Ohio State University expresses its sorrow upon the death June 22, 1992, of Emanuel D. Rudolph, Professor Emeritus of the Department of Plant Biology.

Professor Rudolph was born September 9, 1927, New York, N.Y. He received his B.A. from New York University in 1950 and his Ph.D. from Washington University (St. Louis) in 1955.

Dr. Rudolph taught in the Department of Botany (now Plant Biology) from 1961-89 and was chairperson of that department from 1978-87. In 1989 he took early retirement and continued to teach one course a year. He served as Director of the Institute of Polar Studies (now Byrd Polar Research Center) from 1969-73, and Director of the Environmental Biology Graduate Program, 1972-78. He was also a curator in the Ohio State University Herbarium.

September 2, 1992 meeting, Board of Trustees

### **RESOLUTIONS IN MEMORIAM (contd)**

Emanuel D. Rudolph (contd)

Dr. Rudolph did research on lichens and the history of botany, authored numerous scientific papers on those topics, edited a book on symbiosis and parasitism, wrote more than 150 book reviews in major journals, and presented more than 100 papers at scientific meetings.

Professor Rudolph was active in professional societies and other organizations. He was a Fellow of the American Association for the Advancement of Science, a Fellow of the Ohio Academy of Science, a Fellow of the Arctic Institute of North America, and a Fellow of the Linnean Society of London. He was also the recipient of several awards and honors, among them the Antarctic Medal of the United States in 1970. "Rudolph Glacier" in Victoria Land, Antarctica, was named after him by the U.S. Board of Geographical Names, and Edrudia, a genus of lichens, was named after him in 1980.

Dr. Rudolph was President-Elect of the Ohio Academy of Science; President-Elect of the Friends of the Library (Ohio State University), a group of which he was a founding member and ardent supporter; and Past President of the Friends of the Byrd Polar Research Center.

Professor Rudolph was a respected researcher, valued teacher and mentor, and generous friend to people in many areas at Ohio State and around the country. His enthusiasm for learning and scholarship, his gentle good humor and cooperative spirit, were a positive example to all who knew him.

On behalf of the University community, the Board of Trustees expresses to the family its sympathy. It was directed that his resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Kathleen Scobie

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on July 3, 1992, of Kathleen Scobie, Professor Emeritus in the School of Allied Medical Professions.

Kathleen Scobie was born on May 12, 1908. She received her B.S. in 1933 from The Ohio State University with a major in food and nutrition. She received her M.S. in 1945 from Simmons College and the Harvard School of Public Health in public health nutrition. Over the years she held several positions as a dietitian in area health facilities. As a health professional, Professor Scobie was active in a number of different professional associations, including the American Dietetic Association, the Ohio Dietetic Association, American Public Health Association, and Ohio Public Health Association.

From 1936 to 1946, she was employed by the University Hospitals as a therapeutic dietician and clinic nutritionist. From 1946 to 1951, she was an associate in maternal and child care at Harvard School of Public Health, and in 1951 she returned to OSU Hospitals as a nutritionist. During this time, she was also appointed an assistant professor in the College of Medicine, Department of Preventive Medicine and became, in 1965, an assistant professor in Medical Dietetics. In 1966, when this Medical Dietetics program became a division of the School of Allied Medical Professions, her appointment continued in this academic unit. Professor Scobie was promoted to the rank of associate professor in 1969, and was granted emeritus status upon her retirement in 1971.

**RESOLUTIONS IN MEMORIAM (contd)**

Kathleen Scobie (contd)

Professor Scobie had a long and distinguished career at The Ohio State University as both practitioner and teacher. While in the School of Allied Medical Professions, she assumed responsibilities as an advisor for all of the undergraduate students in the Medical Dietetics Division, as well as taking an active and significant role in teaching the public health and community nutrition components in the academic program. Upon the occasion of her retirement, it was noted that, as a teacher, "she has been a source of inspiration to her students and provided wise counseling for them." During her years at the University, Professor Scobie was a dedicated and resourceful academician. She had a significant impact on the growth and development of an academic program that has become nationally known for excellence in both instruction and research.

On behalf of the University, the Board of Trustees expresses to the family its deepest sympathy and sense of understanding in their loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

John S. Vasko

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on June 29, 1992, of John S. Vasko, Professor Emeritus in the Department of Surgery, the Division of Cardiothoracic Surgery.

John S. Vasko was born on March 17, 1929, in Cleveland, Ohio. He received all of his formal higher education at The Ohio State University, a Bachelor of Arts degree in 1950, a doctorate in Dental Science cum laude in 1954, and a doctorate in Medicine cum laude in 1958. During medical school, he served concurrently as an Instructor in Operative Dentistry, Consultant in Prosthetic Dentistry, and as Instructor in Anatomy and Physiology.

Dr. Vasko received his surgical training at two of America's premier residency programs. He served an internship and assistant residency at The Johns Hopkins Hospital in Baltimore, Maryland. During an additional year as the Halsted Research Fellow, he contributed significantly to the literature in a series of basic experiments investigating coronary atherosclerosis. In 1963, he coauthored, with Drs. Frank Spencer and Henry Bahnson, an important early paper on the surgical management of abdominal aortic aneurysms. He moved on to the Vanderbilt University School of Medicine to finish his surgical training under Dr. H. William Scott.

Following his residency training, Dr. Vasko served as a Senior Attending Surgeon at The National Institutes of Health and Chief of the Laboratories of Experimental Surgery. During this exciting early era in cardiovascular surgery, he contributed important articles to the literature on a wide variety of topics ranging from cardiac pharmacology, basic cardiac physiology and myocardial preservation, to inferior vena caval obstruction.

Dr. Vasko was appointed as Associate Professor of Surgery at The Ohio State University in 1966 and was promoted to Professor in 1973. He was appointed Chief of the Division of Cardiothoracic Surgery in 1982, serving with distinction. He developed an extraordinary practice in cardiac, thoracic, and peripheral vascular surgery, training dozens of surgeons in these advanced surgical techniques. He was widely respected as a master technician and fine physician. An active teacher, he exposed hundreds of students to the wonders of modern cardiovascular surgery. He continued to contribute actively to the medical literature, amassing over one hundred articles in his curriculum vitae over the course of his career. This dynamic academic surgeon's career was tragically cut short in its prime by a cerebrovascular accident in 1984. He spent his remaining years in active therapy in the company of his loving family and many friends.

September 2, 1992 meeting, Board of Trustees

### **RESOLUTIONS IN MEMORIAM (contd)**

John S. Vasko (contd)

Dr. Vasko maintained an active association with the National Institutes of Health throughout his professional life, serving on several of its committees, including the National Research and Demonstration Center Review Committee, the Myocardial Infarction Committee of the National Heart, Blood, and Lung Institute, and the Policy Advisory Board. He was especially active in the Central Ohio Heart Association, serving as President and a member of the Board of Trustees. He served on numerous committees of the University Hospitals and the College of Medicine, rendering outstanding service to his University. He was recognized widely for his expertise, as his election to all the major national and international societies in his fields of endeavor documents.

John S. Vasko contributed much to the energy and vitality of his University and will be missed for his knowledge, experience, expertise and ability to inspire young surgeons in their pursuit of excellence.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding of their loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Upon motion of Mr. Kessler, seconded by Ms. Casto, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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### **INVESTMENTS COMMITTEE REPORT**

Amb. Wolf:

The Investments Committee reviewed the monthly Endowment Summary Report for the period July 17, 1992 through August 21, 1992. I'm pleased to report that the market value of the Endowment Fund on August 21, 1992 was \$407.3 million, which was approximately \$2.4 million above the July 17, 1992 market value. The market value of the equity portion of the Endowment Fund increased \$300,000.00, while the fixed income portion increased \$2.7 million during this reporting period. Net new additions to the Endowment Fund for August totalled \$701,000.00, and we set aside an additional \$500,000 for income reserves for our 1,895 named endowment funds. That was the one month report. We always give a report starting with the beginning of the fiscal year, so this starts July 1, 1992, approximately 2 1/2 weeks before the previous figures were implemented.

Since July 1, 1992, the beginning of the new fiscal year, the Endowment Fund has increased over \$5 million. The net change in market value has accounted for an increase of \$5.8 million, and net new additions were \$706,000. The distribution of current asset allocation for the Endowment is 56 percent invested in equities, 28 percent in fixed income, 9 percent in real estate, and 7 percent in cash or cash equivalents.

**INVESTMENTS COMMITTEE REPORT (contd)**

Amb. Wolf: (contd)

The Investments Committee also heard the quarterly report on the total cash and investments position for the University. It was reported that the total of cash and investments for all accounts as of June 30, 1992, at the close of the last fiscal year, was \$727.3 million. This was a decrease of \$3.6 million from the quarter ended March 31, 1992. The primary reason for the decrease came from a \$6.3 million net decrease in the University's debt service and debt construction funds resulting from certain bonded projects which were completed. Total cash and investments for the fiscal year increased \$67.6 million, primarily due to an increase of \$50.7 million in the University Endowment Fund.

And finally, we also heard the Quarterly Endowment Fund Report for June 30, 1992. It was indicated that the Endowment Fund had a total rate of return of 11.7 percent for the 1992 fiscal year. The Endowment distributed income of \$18.6 million to its 1,895 named endowment funds in fiscal year 1992 and we anticipate that we will distribute more than \$20.5 million to those same endowment funds during fiscal year 1993.

This concludes this very exciting report.

Mr. Barone:

Ambassador Wolf, do you have a ball-park figure on what the student investments has earned up to this time? Approximately?

Amb. Wolf:

I have a figure for the past 12 months, which was \$14.5 million as income in dividends, not counting capital appreciation.

Mr. Barone:

But you don't have the income?

Amb. Wolf:

Well, the income, the dividends, and interest is about \$14.5 million. And because we distribute around \$20 million to these named endowment funds, because we don't separate the appreciation of the corpus, we just take 5.5 percent. So the \$14.5 million of dividends and income, plus \$5.5 million we take from capital, is about \$20 million that we distribute to the named endowment funds. The market value of the portfolio went up over \$25 million in that period of time. So you might say we had a market value increase of about \$25 million, and dividends and income of \$15 million. So we had a total appreciation in income of \$40 million.

Mr. Barone:

From those records, I understand that the students have a better record to date than our professionals. That was what I was trying to bring out. Is that correct?

September 2, 1992 meeting, Board of Trustees

**INVESTMENTS COMMITTEE REPORT (contd)**

Amb. Wolf:

Yes. I can tell you exactly those relative reports, although one snap shot does not a movie picture make -- you might say. Because this last month the student investments portfolio had a little bit of a set back. But for the estimated 12-months return, the University students earned a total return, which includes appreciation in market value and income of dividends, of about 16.6 percent. This was almost 50 percent higher than that of our next highest portfolio manager which was about 12 percent. That was for the 12-month ending August 21.

Mr. Barone:

So our Ohio State students are still doing better than our professionals.

Amb. Wolf:

True.

Mr. Barone:

Thank you, Ambassador Wolf. I am very proud of that.

Amb. Wolf:

Well, we all are, Mr. Chairman.

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**FISCAL AFFAIRS COMMITTEE**

Mr. Shumate:

We will begin our Committee meeting this morning with a report from Vice President Shkurti on the budget -- updating the members of the Board of Trustees.

Mr. Shkurti:

Thank you, Mr. Chairman. A number of things have happened since the budget was originally passed by the Board in July, and let me briefly touch on a couple of the most significant things. As you may recall, the budget assumed a 7 percent increase in tuition, but provided the University with the authority to raise tuition to up to 9.5 percent if tuition caps were raised by the state. The state did in fact raise the tuition caps to 9 percent, and the University followed with an increase of tuition to 9 percent. We regret that we had to do that to our students, but in order to protect the academic core we felt it was necessary. You may remember we took \$23 million in cuts in the July budget, we deferred another \$10 million to come up with a plan for January, and because the tuition increase will yield us about \$2.5 million, that means that we still have to come up with \$7.5 million in reductions or additional income between now and January. That will be difficult, but it will not be as difficult as coming up with \$10 million. So I think our financial problem is eased a little bit as a result of that move.

**FISCAL AFFAIRS COMMITTEE (contd)**

Mr. Shkurti: (contd)

Secondly, you may recall, the budget that was passed by the Board in July implied a policy that the only pay raises that would be given to University employees are those that were required, and discretionary pay raises would not be provided. That is correct. That was followed through in the implementation of the budget. But because pay raises are such an important matter, I wanted to be absolutely clear with the Board and with the University as to what that meant. As we saw it, there were two categories of employees for whom pay raises are mandatory and they were given pay raises as a result of the budget that was passed in July. The first category are those employees who are under some collective bargaining contract, and many of them received raises of 4 percent effective July 1. The second category of employees are classified employees who are not members of a union and therefore are not covered by collective bargaining contracts. Under Board policy, in terms of the class plan that was adopted several years ago, these classified employees are guaranteed an increase of 1.5 percent in their pay each July 1. That increase was also funded and provided.

In addition, we do not classify faculty promotions as pay raises. Those are promotions that occur on merit for faculty members that come up for promotion in their cycle. As I mentioned at the Board meeting two months ago, those were funded as well. So I hope this clarifies exactly what the University policy is and what was included in the budget in terms of pay raises for University employees. And again, the statement that was made at the Board meeting two months ago -- that most University employees and faculty would not receive a pay raise -- is in fact correct.

The third item deals with an item that we identified in the budget as our first priority -- and that was the \$1.5 million for course closings. Dr. Arnold has already reported on that. We feel that we have had some success in beginning to turn around the increasing number of course closings. We will keep you informed throughout fall and the rest of the year as to our progress on that.

Mr. Chairman, that concludes my report. I will be glad to answer any questions you or the Committee may have.

Mr. Shumate:

Thank you, Mr. Shkurti, are there any questions from the members of the Board?

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**WAIVERS OF COMPETITIVE BIDDING REQUIREMENTS  
APRIL - JUNE 1992**

Resolution No. 93-22

Synopsis: Acceptance of the quarterly report on waivers of competitive bidding requirements is proposed.

September 2, 1992 meeting, Board of Trustees

**WAIVERS OF COMPETITIVE BIDDING REQUIREMENTS  
APRIL - JUNE 1992 (contd)**

WHEREAS the Purchasing Policy of The Ohio State University, adopted by the Board of Trustees on September 7, 1984, and revised on February 7, 1992, provides that the President and/or the Vice President for Business and Administration may grant a waiver from competitive bidding in the event of an emergency, when a sufficient economic reason exists, or when the goods or services can be purchased from only a single source, with a report on such waivers to be made quarterly to this Board; and

WHEREAS the Vice President for Business and Administration has submitted a report on waivers of competitive bidding requirements granted for the period of April-June 1992:

NOW THEREFORE

BE IT RESOLVED, That the report on waivers of competitive bidding requirements for the period of April-June 1992, is hereby accepted.

Upon motion of Mr. Shumate, seconded by Ms. Casto, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix IV for background material, page 183.)

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Ms. Pichette:

This resolution on the Cannon Drive Improvements Project will allow the University to move forward with the needed road improvements in the south part of our Columbus campus. There is background information and a map included in your materials.

Specifically, we are asking for authorization to proceed with the Cannon Road project and to complete the design work for two ramps connecting with St. Rt. 315. These ramps projects will be constructed by the state, but the University is funding the design work. Finally, the resolution will dedicate the improved portion of Cannon Drive to public access to meet a requirement of the state for its funding of the ramp projects.

I would note that it is not shown on the map, but the Cannon Drive project also includes the widening of four lanes of the Herrick Drive and the connection of the portion of the Olentangy River Road. I would be happy to answer any questions.

Mr. Kessler:

I understand we are financing the funds for the design, do we get that back or is that an expense for us?

Ms. Pichette:

Basically, most of that was out of House Bill 552, \$750,000, which was done in previous years. There is a second ramp and we are funding another \$150,000 internally, through Physical Facilities, because we feel this is very important.

September 2, 1992 meeting, Board of Trustees

Mr. Scott:

That we will probably not get back.

Ms. Pichette:

We would not.

**CANNON DRIVE IMPROVEMENTS PROJECT,  
STATE ROUTE 315 EXIT AND ENTRANCE RAMP PROJECTS, AND  
DEDICATION OF A PORTION OF CANNON DRIVE TO PUBLIC ACCESS**

Resolution No. 93-23

Synopsis: Reauthorization to request construction bids for the revised Cannon Drive Improvements project, authorization to expend funds for design services for the State Route 315 entrance ramp project, and dedication of a portion of Cannon Drive to access by the public are proposed.

WHEREAS to improve public access to and egress from The Ohio State University's Health Sciences Center, the University initiated planning with the City of Columbus and the Ohio Department of Transportation for a northbound exit ramp from the State Route 315 to Cannon Drive at Ninth Avenue and a southbound entrance ramp to State Route 315 from Cannon Drive at 12th Avenue; and

WHEREAS the Ohio Department of Transportation has approved these two ramp projects for State funding, subject to ensuring public access to Cannon Drive, with the University responsible for funding the design of both ramp projects and making needed improvements to Cannon Drive from King Avenue through the intersection of Herrick Drive; and

WHEREAS in July 1981 the Board of Trustees authorized the employment of Eriksson Engineering Limited to provide architectural/engineering design services for the State Route 315 exit ramp project and the Cannon Drive Improvements project from King Avenue to Herrick Drive, with funding of \$750,000.00 provided from House Bill 552 (1980); and

WHEREAS the approval of the State Route 315 entrance ramp project will require approximately \$150,000.00 in additional funds for design services, to be funded from the Department of Physical Facilities; and

WHEREAS in May 1991 the Board of Trustees authorized the request for construction bids for the Cannon Drive Improvements project, including the widening and straightening of the road to four lanes between King Avenue and Woody Hayes Drive, at a total project cost of \$5,300,000 with funds to be provided from the University bond proceeds; and

WHEREAS with recent funding restrictions there is a need to limit the Cannon Drive Improvements project to only the work required in connection with the two State Route 315 ramp projects, for a total estimated project cost (excluding design) of \$3,470,000.00 and a total estimated construction cost of \$3,296,000.00, with funds to be provided from the University bond proceeds:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to request construction bids on the revised Cannon Drive Improvements project in accordance with established University procedures, and if satisfactory bids are received, to award contracts, with all actions to be reported to this Board at the appropriate time; and

September 2, 1992 meeting, Board of Trustees

**CANNON DRIVE IMPROVEMENTS PROJECT,  
STATE ROUTE 315 EXIT AND ENTRANCE RAMP PROJECTS, AND  
DEDICATION OF A PORTION OF CANNON DRIVE TO PUBLIC ACCESS (contd)**

BE IT FURTHER RESOLVED, That the President and/or Vice President for Business and Administration be authorized to expend the additional funds necessary (approximately \$150,000.00) to complete the design work for the State Route 315 entrance ramp, with funds to be provided from the Department of Physical Facilities; and

BE IT FURTHER RESOLVED, That the Board of Trustees hereby dedicates Cannon Drive being a road owned by The Ohio State University, an instrumentality of the State of Ohio, from the intersection of King Avenue through the intersection of Herrick Drive, as a roadway accessible to the public, with such dedication involving no transfer or relinquishment of the University's jurisdiction or rights with respect to the roadway.

Upon motion of Mr. Shumate, seconded by Mr. Kessler, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix V for map, page 185.)

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**REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS**

Resolution No. 93-24

MCCRACKEN POWER PLANT - REPLACEMENT OF STEAM LINES  
1501 NEIL AVENUE RENOVATION - PHASE II  
GRAVES HALL ASBESTOS ABATEMENT  
DREESE LABORATORY ADDITION  
VERNAL G. RIFFE JR. BUILDING (BIOSCIENCE/PARKS HALL ADDITION)

Synopsis: Acceptance of the report of award of contracts and the establishment of contingency funds for the listed projects is recommended.

WHEREAS a resolution adopted by the Board of Trustees on September 7, 1990 authorized the President and/or Vice President for Business and Administration to request construction bids in accordance with established State of Ohio and University procedures, and if satisfactory bids were received to award contracts for the McCracken Power Plant - Replacement of Steam Lines project; and

WHEREAS resolutions adopted by the Board of Trustees on May 4, 1989, December 1, 1989, June 1, 1990, and October 3, 1991 authorized the President and/or Vice President for Business and Administration to request construction bids in accordance with established University and State of Ohio procedures, and if satisfactory bids were received to recommend the award of contracts for the following projects: 1501 Neil Avenue Renovation - Phase II, Graves Hall Asbestos Abatement, Drees Laboratory Addition, and Vernal G. Riffe Jr. Building:

NOW THEREFORE

BE IT RESOLVED, That pursuant to the actions previously authorized by this Board, the report of award of contracts and establishment of contingency funds for these projects is hereby approved.

September 2, 1992 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

MCCRACKEN POWER PLANT - REPLACEMENT OF STEAM LINES  
1501 NEIL AVENUE RENOVATION - PHASE II  
GRAVES HALL ASBESTOS ABATEMENT  
DREESE LABORATORY ADDITION  
VERNAL G. RIFFE JR. BUILDING (BIOSCIENCE/PARKS HALL ADDITION) (contd)

Upon motion of Mr. Kessler, seconded by Mr. Shumate, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix VI for background material, page 187.)

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Dr. Moser:

Mr. Chairman, Board of Trustees, I am quickly going to introduce you to Dr. Mohan Wali, who is the Director of the School of Natural Resources and will give justification for this action.

Dr. Wali:

Good afternoon, Mr. Chairman, Members of the Board, President Gee. This item pertains to properties that were gifted to the School of Natural Resources, The Ohio State University, in the early 70's in Hocking and Fairfield Counties. We have been using the properties for student education, for field trips, for getting our students trained in forestry, wildlife, and other such disciplines. The property started with two gifts totalling 1,164 acres and the University acquired another 144 acres.

Our problem in recent years has been that we are not able to afford to keep the properties. There are three or four items that are very important in the expenses related to the property. One, we have to have a full-time caretaker on the property, which costs us about \$50,000. We have had problems of security there, so we constantly have to worry about the security of the property. The operation of the properties costs about \$10,000 a year. Then we have a dam on the property, on what is known as Lake Romona, which is leaking. We have been cited a couple of times for that.

In looking at the entire package, we wanted to ask ourselves what can we do with the property. Obviously we could not sell it to anybody, because under the restrictions of the deed we had to use this property in perpetuity for education and research. So we started some negotiations with the Metroparks about two years ago and have been following those almost meticulously. The reason for our negotiations with the Metroparks is that they, too, are interested in conservation, wildlife management, and so on.

Two or three things have happened in the past two or three years, which I am sure you are aware of -- budget is one of them. The second thing is that the School of Natural Resources has increased its enrollment by about 20 percent over the last three years, both in the undergraduate and graduate student sections. Our scholarship funds have increased, but have not kept pace with the increase in enrollment. We discussed this in the family at Ohio State, particularly with the then Acting Vice President Jim Nichols. I kind of developed the attitude -- in a recalcitrant way of being a depression mentality kid -- and said that if we were able

September 2, 1992 meeting, Board of Trustees

to sell this property, we ought to set it aside as an endowment for student scholarships. That is exactly what we have done. The proposal before you pertains to that sale to the Metroparks. I will be very pleased to answer any questions you may have.

Mr. Shumate:

Are there any questions?

President Gee:

One point of clarification -- for some reason as I have gone through this briefing -- do we still have access to use this property as we want? It strikes me that that is one of the nice parts of this opportunity.

Dr. Wali:

My apologies, Mr. President, for ignoring that. We will have a memorandum of understanding with Metroparks that the students and faculty of Ohio State will have full access to the property to continue education and research on the properties.

President Gee:

The reason I make that point, and not to dwell on it, is that as the Board members remember, in July I told you that I'd ask Vice President Pichette and Judge Duncan to take a look at the physical assets of the University to determine what we had and what we were doing with those assets. At a time of constrained resources, we obviously have to look at opportunities in order to fill in budgetarily some of our problems -- in this instance scholarships. So of course, that was immediately translated into the golf course and the airport, but we have physical assets all over the State of Ohio, all over the United States, a variety of places -- and I know that Jim can fill you in further. I believe this is a good example of precisely the type of good management that we will continue to have.

### **SALE OF REAL PROPERTY**

Resolution No. 93-25

#### **BARNEBEY CENTER FAIRFIELD AND HOCKING COUNTIES, OHIO**

Synopsis: The sale of the Barnebey Center, approximately 1,278 acres located in Fairfield and Hocking Counties is recommended.

WHEREAS the Board of Trustees of The Ohio State University owns approximately 1,278 acres of real property located in Madison Township of Fairfield County and Good Hope Township of Hocking County and known as the Barnebey Center; and

WHEREAS the School of Natural Resources and College of Agriculture have determined that this property no longer can be operated economically in support of the educational and research programs of the School; and

September 2, 1992 meeting, Board of Trustees

**SALE OF REAL PROPERTY (contd)**

BARNEBEY CENTER  
FAIRFIELD AND HOCKING COUNTIES, OHIO (contd)

WHEREAS the value of this property, based on the average of two appraisals, is \$1,100,000.00, and the Columbus and Franklin County Metropolitan Park District has offered to purchase the property, including timber and mineral rights, for this amount; and

WHEREAS the net proceeds from the sale of this property shall be used to establish The Barnebey Family Scholarship Fund and The Annabelle Hoge Scholarship Fund to provide undergraduate and graduate scholarships for students in the School of Natural Resources; and

WHEREAS the appropriate University offices have determined that this sale is in the best interest of the University:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized, in the name of the Board of Trustees of The Ohio State University, to sell all of the University's right, title, and interest in this property, including all timber and mineral rights, to the Columbus and Franklin County Metropolitan Park District for no less than \$1,100,000.00, upon such terms and conditions as are deemed to be in the best interest of the University, including the condition that the University shall retain, in perpetuity, the right to use the property and the adjoining Metropolitan Park District property for instruction and research upon the terms to be mutually agreed upon.

Upon motion of Mr. Shumate, seconded by Mr. Celeste, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix VII for background material and map, page 203.)

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Ms. Pichette:

This item, Mr. Chairman, represents a difficult but necessary decision as we continue to review our operations and look for ways to meet mandated budget reductions. We seek authorization to abolish the Division of Emergency Medical Services and Fire Prevention and the Department of Public Safety effective September 25, 1992. In addition to the resolution, you have a sheet explaining how the required functions being performed by the EMS division will be carried out and a summary of the savings that this action will provide. This recommendation has been reviewed through the budget hearing process and has been recommended by the Executive Committee. We have met with officials from the City of Columbus to facilitate a smooth transition as the Columbus Fire Department takes over the primary role of emergency medical service on campus. We are also working with other University departments to ensure that the essential services and functions required by law will be provided to the campus and to place affected employees. I will stress this action will not affect our ability to comply with required code provisions, and that we remain committed to essential safety services for the University.

September 2, 1992 meeting, Board of Trustees

Mr. Shumate:

Any questions or discussion?

Mr. Celeste:

I would just note that since it is such an important area -- the health and safety of the University -- that you do everything that you can to monitor the situation once the change is made, and report back to us to let us know the level of satisfaction we are receiving from the alternative on a regular basis.

Ms. Pichette:

I will do that.

**ABOLISHMENT OF THE DIVISION OF  
EMERGENCY MEDICAL SERVICES AND FIRE PREVENTION**

Resolution No. 93-26

Synopsis: The abolishment of the Division of Emergency Medical Services and Fire Prevention is proposed.

WHEREAS to achieve required reductions in its 1992-93 budget, the Office of Business and Administration has recommended the abolishment of the Division of Emergency Medical Services and Fire Prevention; and

WHEREAS this planned abolishment of the Division has been reviewed through the 1992-93 budget hearing process and has been reviewed and approved by the President's Executive Committee; and

WHEREAS the health and safety of all members of the University community are a critical concern of the University; and

WHEREAS the planned abolishment of the Division of Emergency Medical Services and Fire Prevention includes the coordinated reassignment of those duties to other agencies and University units, with University units undertaking these responsibilities within currently funded staffing levels and with additional training as appropriate:

NOW THEREFORE

BE IT RESOLVED, That the recommended abolishment of the Division of Emergency Medical Services and Fire Prevention is hereby approved, to be effective as of September 25, 1992.

Upon motion of Mr. Kessler, seconded by Mr. Shumate, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix VIII for background material, page 207.)

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Mr. Nichols:

In your Board book under the Miscellaneous Tab are three resolutions and if I can, Mr. Chairman, I would like to cover them at the same time.

Mr. Nichols: (contd)

First of all, as many of you know, none of these occur without a substantial effort. There is a stack of legal documents approximately a foot high involved and I'd like to take a moment to introduce to you the folks who have worked on this most diligently on a day-to-day basis. First of all, someone whom all of you know and recognize, Al Rodack, Associate Treasurer. Next to him is Steve Messerly, Assistant Treasurer, who has the investments side and the bond side of the University. Next to Steve is Bill Matlock, who has, for a two-year period of time, handled all of our debt financing and debt relation issues. In addition to them, Rachael Davis worked on this and she left University employment for a better opportunity last Friday. So, Gentlemen, thank you. Also here is Bill Conner from the law firm Arter and Hadden who is our bond counsel, and I'll ask him in the end if he has any additional comments he would like to make.

I would like to take just a couple of minutes to bring you up-to-date, since we are talking in excess of a \$200,000,000 on this particular project. The first resolution in your book pertains to the 1990 Bond Issue which, I think, could best be classified as a technical correction. In that resolution there was an ambiguity as to whether additional projects can be funded from the proceeds of that bond issue with just single projects completed, or whether every project has to be totally completed. This will allow additional funding of projects and some mixing of projects -- no additional money -- by changing the language to indicate that when individual projects are completed, then additional funds can be available for other uses by the University.

The second resolution involves up to \$64 million of fixed rate bonds and, in addition to that, \$115 million worth of refunding bonds for previous debts. I will talk about that in just a moment.

Finally, the third resolution involves \$31 million of variable rate bonds, which we have used in the past. I would like to comment on that further. There is a handout that you have been given. If we can take just a moment to look at it, it will give you an overall idea of our debt structure. The pages are not numbered, but the first page shows you the savings from the \$115 million of debt refunding. Basically what we are going to do is take the 1985, 1986 and 1990 fixed rate bond issues and refund them at lower interest rates. This will be a savings, for almost the next 20 years, of approximately \$230,000 per year. Those are funds that will be available for other uses in the University.

On the second page you have a perspective over approximately a 12-year period of time where interest rates have been both fixed and variable and an indication of where we have issued debt in the past -- in 1985 at 7.6 percent, at 7.2 percent in 1986, and at just about 7 percent in 1990. The fixed rate issues and the refunding will be done in about three weeks. We would anticipate that the average interest rate we will be paying will be right about 5.75 percent over the 20-year period of time. You will also note the red line involves the variable rate issue. As you can see, we have paid on a variable rate as low as 2 percent in the last year. We would anticipate this will be issued in late October initially at somewhat just over 2 percent. That is on a weekly reset, which is the same as the existing variable rate.

September 2, 1992 meeting, Board of Trustees

Mr. Nichols: (contd)

I would tell you that the refunding will release \$4.8 million of money, which can be used for additional construction projects, that is in the debt service reserve. We have not had an update on this for a couple of years, but we have now reached in excess of \$11 million of interest savings on our variable rate debt, as opposed to fixed rate since 1985. So that is \$11 million that the budget office does not have to come up with, and which can be used for other purposes besides debt service.

The second chart would indicate the total debt service payments that we are making in terms of millions of dollars. You can see this will take it to a maximum, in approximately the next five years, of about \$30 million per year. This is the conservative estimate, it will likely be a little lower than that. It represents about 2.3, 2.4 percent of this year's annual operating revenue, well within appropriate targets. The following chart then shows our total debt that we have in the University, and how it decreases over time through a little over 20 years, with both the fixed and the variable component. We currently have about \$173 million outstanding, and that will go up by \$90 million pending your approval.

And then finally on the back side, as a comparison, is the specific coupon rates in the serial bonds that we had in 1985, 1986, and 1990, and then the estimates that we have here. We are in an exceptional interest rate environment to be able to issue bonds. The projects, for the most part, have previously been given to you, but they involve the projects at University Hospitals, Residence and Dining Halls, several research park and research related activities, Traffic and Parking, infrastructure issues, telephone, athletic, and general revenue funds. Approximately 85 percent of all of these debt service payments will be made from revenue producing units within the University. The other 15 percent will come from the general revenue funds of the University, which you have previously approved as part of the budget in the last meeting.

Ms. Casto:

Jim, excuse me, at that time after it goes back into the general funds -- it has already been expended because we approved it a long time ago, and some of them are completed -- then what happens to the money?

Mr. Nichols:

There are a couple of the projects that have been completed, but those have been funded out of temporary -- the equivalent of a bridge loan, and that is what will be repaid. The bridge loans generally come from the internal funding of the University. Maybe I misunderstood the question.

Ms. Casto:

When we pass a project, it will say, for instance, that it is funded by University funds. It does not say from the bond sales, it will say sometimes from the University funds. And then you are reimbursing the funds?

Mr. Nichols:

That is correct.

September 2, 1992 meeting, Board of Trustees

Ms. Casto:

I guess what I am saying is that if the funds are put back in there, what are they going to be used for after that?

Mr. Nichols:

Well all of the funds that are in the investment pool of the University -- the operating investment pool -- already have claims on them. What we are doing is borrowing money out of that fund to be used temporarily for construction projects and then that is paid back. So they are, for the most part, auxiliary operations, hospitals money, traffic and parking money, athletic money, research funds.

Ms. Casto:

Like for instance the Honors House?

Mr. Nichols:

The Honors House will -- again the temporary loan came out of that particular fund and it will be paid back into that fund. The debt service for paying off the portion of the bonds to be used for Honors House will come from the general revenue funds of the University, and that was part of the budget passed at the last meeting.

Ms. Casto:

Does everyone else get that? Does anyone have any questions on that?

Mr. Shumate:

Perhaps the two of you can talk later on this.

Mr. Nichols:

Let me make a couple more comments, Mr. Chairman. The underwriters for the fixed portion of the issue are John Nuveen and The Ohio Company, the co-managers are Huntington Bank; McDonald and Company; Pryor, McClendon, and Counts; and Prudential Securities, Inc. The variable rate issue will be co-lead managers of Lehman Brothers and WR Lazard Company. Trustee, as it has been for some time, is the Huntington Trust Company. The Bond Counsel is Arter and Hadden, appointed by the Attorney General's office. Thompson, Hine, and Flory is underwriter's counsel -- a lot of attorneys involved. Porter, Wright, Morris & Arthur is the Trustees' Counsel and University's Counsel in this is, of course, the Attorney General.

We have not yet been issued a rating for these bonds -- we may get that as early as this afternoon. We anticipate that our existing ratings of double A minus on the fixed by Standard and Poor's, and A plus by Moody's will remain, and the ratings on the variable rate portion on the bonds, which is Moody's, is A1 plus. And what they call Mid-One for Standard and Poor, which are the two highest ratings, will remain there as well.

September 2, 1992 meeting, Board of Trustees

Mr. Nichols: (contd)

I think I would add maybe two more comments. As those members who have been here for a few years know, it has been our policy to constantly push the envelope in terms of flexibility for the University in our debt issues. In 1985 we redid the entire debt structure and put a new indenture in place, and the fifth and sixth variations of that are in your particular book. In the 1990 issue, we eliminated a debt service reserve, so we don't do those any more. And with the variable rate issue this time, we are going to eliminate, we hope, a requirement for a liquidity facility, which is basically a contractual agreement with the bank that they will provide the liquidity if no one is willing to buy our variable rate bonds. We are going to use the University's internal assets to back that up. Although not sounding very minor as a savings, it will be somewhere in the range of about \$40,000 to \$45,000 a year to the University, and will be available for other purposes.

The three resolutions that I mentioned to you, and the fifth and sixth indenture information are in the book. There is also additional information on file at the Board office of some substance that will be involved. We will mail to you the preliminary official statement which will be printed; pending approval, tonight and will be available.

Comment from Bond Counsel?

Mr. Bill Conner:

I have nothing to add, but will try to answer any questions that you may have.

Mr. Nichols:

And I'll answer any questions if there are, Mr. Chairman.

Mr. Shumate:

Are there any questions? This might be a topic that would be appropriate to give more of an overview on in a subsequent Fiscal Affairs Committee meeting in order to address some of the underlying questions.

Mr. Nichols:

I'd be glad to do that.

**AMENDMENT TO RESOLUTION NO. 90-106**

Resolution No. 93-27

WHEREAS this Board of Trustees (the "Board") of The Ohio State University (the "University") has previously adopted Resolution No. 90-106 on April 6, 1990 (the "Series 1990 Bond Resolution") which, among other things, authorized the issuance of the University's General Receipts Bonds, Series 1990 Bonds (the "Series 1990 Bonds"); and

WHEREAS the Series 1990 Bond Resolution created the 1990 Construction Fund to be maintained by the Trustee (as defined in the Series 1990 Bond Resolution) and to be funded with Sale Proceeds (as defined in the Series 1990 Bond Resolution); and

September 2, 1992 meeting, Board of Trustees

**AMENDMENT TO RESOLUTION NO. 90-106 (contd)**

WHEREAS the Series 1990 Bond Resolution permits the use of moneys on deposit in the 1990 Construction Fund to pay the costs and expenses relating to the 1990 Project (as defined in the Series 1990 Bond Resolution) and Additional Projects (as defined in the Series 1990 Bond Resolution); and

WHEREAS Additional Projects may be undertaken at the direction of the University after the receipt by the Trustee of a certificate of completion and after payment or provision for payment in full of costs and expenses relating to the 1990 Project; and

WHEREAS the definition of 1990 Project is ambiguous with respect to whether the University may consider the components constituting the 1990 Project separately in determining when completion of such portions of the 1990 Project has occurred; and

WHEREAS Section 10 of the Series 1990 Bond Resolution authorizes changes to the text of the Series 1990 Resolution for the purpose of curing any ambiguity in the Series 1990 Bond Resolution or in respect of the Series 1990 Bond Resolution as it relates to the Indenture, the Fourth Supplemental Indenture, the Certificate of Award, the Form of Bond, the Contract of Purchase or the Official Statement (all as defined in the Series 1990 Bond Resolution); and

WHEREAS the Treasurer of the University has approved the changes proposed in this Resolution as being not substantially adverse to the University and not contrary to the true intent and meaning of the Series 1990 Bond Resolution and such changes are acceptable to Arter & Hadden, the University's Bond Counsel (as defined in the Series 1990 Bond Resolution):

NOW THEREFORE BE IT RESOLVED BY THE BOARD OF TRUSTEES OF THE OHIO STATE UNIVERSITY as follows:

Section 1. Definitions. All terms used herein with initial capitalization when the rules of grammar would not so require shall have the meanings given them in the Series 1990 Resolution unless another meaning is expressly provided.

Section 2. Changes to Series 1990 Bond Resolution. The second paragraph of Section 5 of the Series 1990 Bond Resolution is hereby amended to read as follows:

Monies, allocable to completed Components as described below, remaining in the 1990 Construction Fund (including investment earnings thereon which have not been used to pay Bond Service Charges, as described in the preceding paragraph) after receipt by the Trustee of a certificate of completion (as described in Section 9 of the Series 1985A Bond Resolution) with respect to any of the items listed in the definition of 1990 Project in Section 1 hereof (the "Components") and after payment or provision for payment in full of costs and expenses relating to each Component for which the certificate of completion is given, as well as those Components for which a certificate of completion has not yet been presented, shall, at the direction of the University, be applied by the Trustee to fund the costs of other Components or additional projects constituting University Facilities (the "Additional Projects").

Section 3. No Other Amendment. No changes, amendments or modifications to the Series 1990 Bond Resolution are to be implied by this Resolution and only the changes expressly set forth in this Resolution shall have any force or effect.

**AMENDMENT TO RESOLUTION NO. 90-106 (contd)**

Section 4. Effective Date. This Resolution shall be in full force and effect from the date of its adoption.

Upon motion of Mr. Shumate, seconded by Mr. Kessler, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**AUTHORIZATION, ISSUANCE AND SALE OF GENERAL RECEIPTS BONDS,  
SERIES 1992 A, OF THE OHIO STATE UNIVERSITY**

Resolution No. 93-28

Synopsis: The Fiscal Affairs Committee recommended (A) the authorization, issuance, sale and delivery of General Receipts Bonds, Series 1992 A1 (the "Series 1992 A1 Bonds"), in a principal amount determined as provided herein, for the purposes of paying or reimbursing a portion of the costs of (i) the acquisition, construction, remodeling, improvement, installation, renovation and installation of facilities for use by University Hospitals, including a surgical intensive care unit, a neuropsychiatric facility, women and infant facilities, magnetic resonance imaging unit, elevator improvements, emergency department alterations and emergency power system improvements; (ii) the repair, improvement, remodeling, renovation and rehabilitation of University Residence and Dining Hall facilities; (iii) the acquisition, construction, installation and equipping of additional clinical medical research facilities located adjacent to Wiseman Hall; (iv) the acquisition, construction, installation and equipping of a plant growth research facility at Rightmire Hall; (v) the improvement of Cannon Drive; (vi) the renovation and remodeling of Rightmire Hall to provide laboratories for the University Biotechnology Program; (vii) the enlargement of the 12th Avenue Parking Garage and the construction thereon of Botany and Zoology facilities; (viii) the renovation of facilities at the Lab Animal Center for use in primate research; (ix) the remodeling and renovation of Bevis Hall to house a Transgenic Animal Facility to support biotechnology research; (x) the maintenance, improvement and repair of utilities, including central controls, a water purification system and storm and sanitary sewers; (xi) the acquisition and renovation of a facility for the construction of astronomical instruments; (xii) the renovation of Scott Hall to house the Byrd Polar Research Center and portions of the Geological Sciences; (xiii) the acquisition of land and a building located at 1275 Kinnear Road; (xiv) the acquisition of land for use by the Molly Caren Agricultural Center; (xv) the acquisition and installation of digital switching telecommunications equipment; (xvi) the renovation and remodeling of facilities to provide facilities for use in connection with the Honor's Program; (xvii) the development of intramural fields and acquisition and installation of additional bleachers for Ohio Stadium by the Department of Athletics; and (xviii) the renovation of a building located at 1000 Kinnear Road; (collectively, the "1992 Project"); paying costs and expenses associated with the issuance of the Series 1992 A Bonds; (B) the authorization, issuance, sale and delivery of General Receipts Refunding Bonds, Series 1992 A2 (the "Series 1992 A2 Bonds") in the principal amount determined as provided herein, for the purposes of refunding certain Prior Bonds (as defined herein) (the Series 1992 A1 Bonds and the Series 1992 A2 Bonds being sometimes collectively referred to herein as the "Series 1992 A Bonds") authorizing a Fifth Supplemental Trust Indenture to secure the payment of Bond Service Charges on the Series 1992 A Bonds; and for related purposes.

WHEREAS pursuant to Sections 3345.11 and 3345.12 of the Ohio Revised Code (the "Act"), as enacted under authority of the Constitution of Ohio, particularly Section 2i of Article VIII thereof, The Ohio State University (the "University"), a state university of the State of Ohio (the "State") created and existing under Chapter 3335 of the Ohio Revised Code, is authorized and empowered, among other things, (a) to issue, as provided herein, Bonds (as defined in the Original Indenture (as hereinafter defined)) of the University to pay the costs of certain capital facilities defined as "auxiliary facilities" in the Act (and herein called "University Facilities") and to refund, fund or retire bonds and

**AUTHORIZATION, ISSUANCE AND SALE OF GENERAL RECEIPTS BONDS,  
SERIES 1992 A, OF THE OHIO STATE UNIVERSITY (contd)**

other obligations previously issued for such purpose; (b) to pledge to the payment of the Bonds all or a specified part of the gross amount of the General Receipts of the University (as defined in the Original Indenture) in priority to all other expenses, claims or payments; (c) to covenant, as herein provided, that the University will make, fix, adjust and collect the fees, rates, rentals, charges and other items comprising General Receipts to produce General Receipts sufficient at all times to meet Bond Service Charges (as defined in the Original Indenture) on the Bonds, to establish and to maintain the required reserves and meet other requirements herein provided; and (d) to provide for a trust indenture and to make further provisions for securing the payment of the Bond Service Charges; and

WHEREAS the University, by resolution adopted by its Board of Trustees (the "Board") on November 1, 1985 (the "Series 1985 A Bond Resolution") and by a Trust Indenture (the "Original Indenture"), dated as of November 15, 1985, between the University and The Huntington National Bank, as Trustee (the "Trustee"), has provided for the issuance from time to time of General Receipts Bonds of the University, with each such issue to be authorized by a Series Resolution (as defined in the Original Indenture) adopted by the Board pursuant thereto and secured pursuant to the terms of a Supplemental Indenture (as defined in the Original Indenture) with respect to such issue (the Original Indenture and all Supplemental Indentures being referred to collectively herein as the "Indenture"); and

WHEREAS the University has heretofore issued pursuant to the Series 1985 A Bond Resolution and the Original Indenture, the \$27,680,000 The Ohio State University General Receipts Refunding Bonds, Series 1985 A, dated as of November 15, 1985 (the "Series 1985 A Bonds") (\$16,530,000 principal amount outstanding as of September 1, 1992); and

WHEREAS the University has heretofore issued pursuant to the Series 1985 A Bond Resolution, the resolution, adopted by the Board on December 6, 1985 (the "Series 1985 B Bond Resolution"), the Original Indenture and the First Supplemental Trust Indenture, dated as of December 30, 1985 (the "First Supplemental Indenture"), between the University and the Trustee, as amended by the Amendment Agreement, dated as of December 1, 1986, between the University and the Trustee, as further amended by the First Supplemental Trust Indenture Amendment Agreement, dated as of March 1, 1988, between the University and the Trustee, the \$42,500,000 The Ohio State University Variable Rate Demand General Receipts Bonds, Series 1985 B, initially dated as of December 30, 1985 (the "Series 1985 B Bonds") (\$21,900,000 principal amount outstanding as of September 1, 1992); and

WHEREAS the University has heretofore issued pursuant to a resolution adopted by the Board on July 11, 1986 (the "Series 1986 A Bond Resolution"), the Series 1985 A Bond Resolution, the Original Indenture and the Second Supplemental Trust Indenture, dated as of July 15, 1986 (the "Second Supplemental Indenture"), between the University and the Trustee, the \$45,000,000 The Ohio State University General Receipts Bonds, Series 1986 A, dated as of July 15, 1986 (the "Series 1986 A Bonds") (\$34,755,000 principal amount outstanding as of September 1, 1992); and

WHEREAS the University has heretofore issued pursuant to a resolution adopted by the Board on July 11, 1986 (the "Series 1986 B Bond Resolution"), the Series 1985 A Bond Resolution, the Original Indenture and the Amended Third Supplemental Trust Indenture, dated as of August 1, 1986 (the "Third Supplemental Indenture"), between the University and the Trustee, the \$45,000,000 The Ohio State University Variable Rate Demand General Receipts Bonds, Series 1986 B, initially dated as of August 14, 1986 (the "Series 1986 B Bonds") (\$40,900,000 principal amount outstanding as of September 1, 1992); and

September 2, 1992 meeting, Board of Trustees

**AUTHORIZATION, ISSUANCE AND SALE OF GENERAL RECEIPTS BONDS,  
SERIES 1992 A, OF THE OHIO STATE UNIVERSITY (contd)**

WHEREAS the University has heretofore issued pursuant to a resolution adopted by the Board on April 6, 1990 (the "Series 1990 Bond Resolution"), the Series 1985 A Bond Resolution, the Original Indenture and the Fourth Supplemental Trust Indenture, dated as of April 1, 1990 (the "Fourth Supplemental Indenture"), between the University and the Trustee, the \$54,265,000 The Ohio State University General Receipts Bonds, Series 1990, dated as of April 1, 1990 (the "Series 1990 Bonds") (\$49,945,000 principal amount outstanding as of September 1, 1992); and

WHEREAS the Board has determined that it is in the best interests of the University to authorize the issuance of The Ohio State University General Receipts Bonds, Series 1992 A1, (the "Series 1992 A1 Bonds") in a principal amount not to exceed \$64,000,000, for the purpose of paying a portion of the costs of the 1992 Project (as defined herein) and paying costs and expenses associated with the issuance of the Series 1992 A Bonds; and

WHEREAS the Board has determined that it is in the best interests of the University to authorize the issuance of The Ohio State University General Receipts Refunding Bonds, Series 1992 A2 (the "Series 1992 A2 Bonds"), in a principal amount not to exceed \$115,000,000, for the purpose of refunding the Series 1985 A Bonds maturing on or after December 1, 1996, the Series 1986 A Bonds and the Series 1990 Bonds (collectively, the "Prior Bonds"); and

WHEREAS the University desires to make provision for the issuance of the Series 1992 A Bonds and for the payment of the Bond Service Charges (as defined in the Indenture) thereon, to secure the Series 1992 A Bonds by this Resolution and a Fifth Supplemental Trust Indenture, dated as of September 1, 1992 (the "Fifth Supplemental Indenture") herein authorized and to adopt this Resolution pursuant to the Original Indenture and the Series 1985 A Bond Resolution:

NOW THEREFORE

BE IT RESOLVED BY THE BOARD OF TRUSTEES OF THE OHIO STATE UNIVERSITY as follows:

Section 1. Definitions and Interpretations. All words and terms defined in the Indenture and all interpretations therein provided shall have in this Resolution the same meanings, respectively, and be subject to the same interpretations as therein provided or used, unless the context or use clearly indicates another or different meaning or intent. Terms not appearing in the Original Indenture but used herein and not previously defined herein are defined as follows:

"Bond proceedings" means the Series 1985 A Bond Resolution, the Original Indenture, any applicable Series Resolution, any applicable Supplemental Indenture, any applicable Certificate of Award and any other resolutions and agreements and amendments of and supplements to the foregoing, or any combination thereof, authorizing or providing for the terms and conditions applicable to, or providing for the security or sale of Bonds, and the terms contained in such Bonds.

"Book Entry System" means a system under which (i) a physical Series 1992 A Bond certificate in fully registered form is issued for each maturity of Series 1992 A Bonds only to a Depository or its nominee as registered owner, with the Series 1992 A Bonds held by and immobilized in the custody of the Depository; and (ii) a book entry record, maintained by and the responsibility of the Depository and not maintained by or the responsibility of the University or the Trustee, is the record that identifies, and records the transfer of the interests of, the owners of book entry interests in such Series 1992 A Bonds.

"Certificate of Award" means the Certificate of Award authorized pursuant to Section 3 of this Resolution.

**AUTHORIZATION, ISSUANCE AND SALE OF GENERAL RECEIPTS BONDS,  
SERIES 1992 A, OF THE OHIO STATE UNIVERSITY (contd)**

"Code" means the Internal Revenue Code of 1986, as amended, the Treasury Regulations (whether proposed, temporary or final) under that Code or the statutory predecessor of that Code, and any amendments of, or successor provisions to, the foregoing and any official rulings, announcements, notices, procedures and judicial determinations regarding any of the foregoing, all as and to the extent applicable. Unless otherwise indicated, reference to a Section of the Code means that Section, including any applicable successor section or provision and such applicable Treasury Regulations, rulings, announcements, notices, procedures and determinations pertinent to that Section.

"Contract of Purchase" means the Contract of Purchase between the Original Purchasers and the University, authorized pursuant to Section 3 hereof.

"Depository" means any securities depository that is a clearing agency under federal law operating and maintaining, with its participants or otherwise, a Book Entry System to record ownership of book entry interests in obligations, and includes and means initially as to the Series 1992 A Bonds, The Depository Trust Company (a limited purpose trust company), New York, New York.

"Mandatory sinking fund requirements" means amounts required by this Resolution to be deposited into the Bond Fund in any year for the purpose of retiring principal maturities of the Series 1992 A Bonds which by the terms of such Bonds are due and payable, if not called for prior redemption, in any subsequent fiscal year of the University.

"1992 Escrow Subaccount" means the 1992 Escrow Subaccount of the Special Bond Service Account, which subaccount is created in Section 7 hereof and held by the Trustee pursuant to the Fifth Supplemental Indenture.

"Official Statement" means, as to the Series 1992 A Bonds, the Official Statement including, without limitation, the Preliminary Official Statement, relating to the original issuance of the Series 1992 A Bonds, authorized pursuant to Section 3 hereof.

"Original Purchasers" means, as to the Series 1992 A Bonds, John Nuveen & Co. Incorporated, Chicago, Illinois, The Ohio Company, Columbus, Ohio, The Huntington National Bank, Columbus, Ohio, McDonald & Company Securities, Inc., Cleveland, Ohio, Prudential Securities Incorporated, New York, New York, and Pryor, McClendon Counts & Co., Inc., Columbus, Ohio.

"Paying Agent" means the Trustee.

"1992 Project" means, collectively, (i) the acquisition, construction, remodeling, improvement, installation, renovation and installation of facilities for use by University Hospitals, including a surgical intensive care unit, a neuropsychiatric facility, women and infant facilities, magnetic resonance imaging unit, elevator improvements, emergency department alterations and emergency power system improvements; (ii) the repair, improvement, remodeling, renovation and rehabilitation of University Residence and Dining Hall facilities; (iii) the acquisition, construction, installation and equipping of additional clinical medical research facilities located adjacent to Wiseman Hall; (iv) the acquisition, construction, installation and equipping of a plant growth research facility at Rightmire Hall; (v) the improvement of Cannon Drive; (vi) the renovation and remodeling of Rightmire Hall to provide laboratories for the University Biotechnology Program; (vii) the enlargement of the 12th Avenue Parking Garage and the construction thereon of Botany and Zoology facilities; (viii) the renovation of facilities at the Lab Animal Center for use in primate research; (ix) the remodeling and renovation of Bevis Hall to house a Transgenic Animal Facility to support biotechnology research; (x) the maintenance, improvement and repair of utilities, including

September 2, 1992 meeting, Board of Trustees

**AUTHORIZATION, ISSUANCE AND SALE OF GENERAL RECEIPTS BONDS,  
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central controls, a water purification system and storm and sanitary sewers; (xi) the acquisition and renovation of a facility for the construction of astronomical instruments; (xii) the renovation of Scott Hall to house the Byrd Polar Research Center and portions of the Geological Sciences; (xiii) the acquisition of land and a building located at 1275 Kinnear Road; (xiv) the acquisition of land for use by the Molly Caren Agricultural Center; (xv) the acquisition and installation of digital switching telecommunications equipment; (xvi) the renovation and remodeling of facilities to provide facilities for use in connection with the Honor's Program; (xvii) the development of intramural fields and acquisition and installation of additional bleachers for Ohio Stadium by the Department of Athletics; and (xviii) the renovation of a building located at 1000 Kinnear Road, each of (i) through (xviii) constituting a Component (as defined in Section 5 of this Resolution) and a University Facility.

"1992 Project Fund" means the 1992 Project Fund held by the University and created in Section 5 hereof to be funded in part with the proceeds of the Series 1992 A1 Bonds.

"Series 1992 A Bond Resolution" or "this Resolution" as used herein, means this Resolution and the Certificate of Award, as the same may be amended from time to time.

"Trustee" means The Huntington National Bank, Columbus, Ohio, and any successor Trustee as determined or designated under or pursuant to the Original Indenture.

Any reference herein to the University, the Board, or to any members or officers thereof or to other public boards, commissions, departments, institutions, agencies, bodies, entities or officers, shall include those which succeed to their functions, duties or responsibilities pursuant to or by operation of law or who are lawfully performing their functions. Any reference to a section or provision of the Ohio Revised Code or to the laws of Ohio shall include such section or provision and such laws as from time to time amended, modified, revised, supplemented, or superseded, provided that no such amendment, modification, revision, supplementation, or supersession shall alter the obligation to pay the Bond Service Charges in the amount and manner, at the times, and from the sources provided in this Resolution, the Original Indenture and the Fifth Supplemental Indenture, except as otherwise herein permitted.

Unless the context shall otherwise indicate, words importing the singular number shall include the plural number, and vice versa, and the terms "hereof," "herein," "hereby," "hereto," "hereunder," and similar terms, mean this Resolution.

**Section 2. Authorization; Terms; Pledge; and Covenant.**

(a) Authorization. The Series 1992 A Bonds shall consist of two separate series and shall be designated and known respectively as "The Ohio State University General Receipts Bonds, Series 1992 A1" and "The Ohio State University General Receipts Refunding Bonds, Series 1992 A2" and shall be issued pursuant to and as authorized by the Act, Section 2i of Article VIII of the Ohio Constitution, the Series 1985 A Bond Resolution, this Resolution, the Original Indenture and the Fifth Supplemental Indenture. The Series 1992 A1 Bonds shall be issued for the purposes of financing a portion of the costs of the University Facilities comprising the 1992 Project and paying costs and expenses incidental to the issuance of the Series 1992 A Bonds and the Series 1992 A2 Bonds shall be issued for the purpose of refunding the Prior Bonds.

(b) Form and Numbering. The Series 1992 A Bonds shall be issued only as fully registered bonds. The Series 1992 A Bonds shall be numbered as determined by the Trustee which will distinguish each Series 1992 A Bond from each other Series 1992 A Bond and shall further distinguish the Series 1992 A1 Bonds from the Series 1992 A2 Bonds.

**AUTHORIZATION, ISSUANCE AND SALE OF GENERAL RECEIPTS BONDS,  
SERIES 1992 A, OF THE OHIO STATE UNIVERSITY (contd)**

(c) Denominations and Dates. The Series 1992 A Bonds shall be issuable in denominations of \$5,000 and integral multiples thereof and shall be dated as of September 1, 1992.

(d) Principal Amount. The Series 1992 A Bonds shall be issued in the principal amount specified in the Certificate of Award, which amount shall not exceed \$179,000,000.

(e) Delivery and Execution. The Treasurer is hereby authorized to make the necessary arrangements with the Original Purchasers to establish the date, location, procedures and conditions for the delivery of the Series 1992 A Bonds to the Original Purchasers and to take all steps as necessary to effect due execution, authentication, sale and delivery of the Series 1992 A Bonds to the Original Purchasers under the terms of this Resolution. The Series 1992 A Bonds shall be signed by the Chairman of the Board (the "Chairman") and the Treasurer in their official capacities (provided that both of the signatures may be facsimiles) and shall bear the corporate seal of the University or a facsimile thereof.

(f) Interest and Maturities.

(i) The Series 1992 A Bonds shall bear interest on the unpaid principal amount thereof from the most recent date to which interest has been paid or duly provided for or, if no interest has been paid or provided for, from their date, with interest, payable semi-annually on each June 1 and December 1 (the "Interest Payment Dates"), commencing December 1, 1992, at the percentage rate or rates per annum set forth in the Certificate of Award. Interest shall be calculated on the basis of a 360-day year consisting of twelve 30-day months. Such rate or rates shall in no event produce an average interest rate for the Series 1992 A Bonds in excess of eight percent (8.00%) per annum.

(ii) The Series 1992 A Bonds shall mature not later than September 1, 2017 and in such annual amount or amounts as are provided for in the Certificate of Award.

(iii) Any mandatory redemption of Series 1992 A Bonds of certain maturities prior to maturity pursuant to any mandatory sinking fund requirements shall be as provided in the Certificate of Award. Notice of call for mandatory sinking fund redemption of the Series 1992 A Bonds shall be given in the manner provided in the Indenture.

(iv) Certain maturities of the Series 1992 A Bonds, if so provided for in the Certificate of Award, shall be subject to optional redemption at the option of the University prior to stated maturity, in whole or in part, but if in part, only in installments of \$5,000 principal amount of such Series 1992 A Bond or integral multiples thereof, in accordance with the terms, conditions, redemption prices and on the dates set forth in the Certificate of Award. Notice of call for and other terms and provisions governing redemption of the Series 1992 A Bonds shall be given in the manner provided in the Indenture. At no time shall the redemption price on any Series 1992 A Bonds, exclusive of accrued interest, exceed one hundred and two percent (102%) of the principal amount of such Bond to be redeemed.

(g) Security. As provided in the Indenture as supplemented by the Fifth Supplemental Indenture, there is hereby pledged to the security of the Series 1992 A Bonds and for the payment of the Bond Service Charges on the Series 1992 A Bonds, (i) the gross amount of General Receipts of the University (subject to the provisions for the partial release of a pledge of General Receipts contained in Section 4.11 of the Original Indenture) and (ii) the monies contained in the Special Funds, but excluding the Bond Reserve Fund. Anything else to the contrary in the Indenture, the Series 1985 A Bond Resolution, the Fifth Supplemental Indenture or this Resolution notwithstanding, the Series 1992 A Bonds shall not have access to, any claim upon or be secured by the Bond Reserve Fund or the 1992 Project Fund.

September 2, 1992 meeting, Board of Trustees

**AUTHORIZATION, ISSUANCE AND SALE OF GENERAL RECEIPTS BONDS,  
SERIES 1992 A, OF THE OHIO STATE UNIVERSITY (contd)**

The pledge of General Receipts in the immediately preceding paragraph shall be on a parity with expenses, claims and payments relating to other Parity Obligations and in priority to all other expenses, claims and payments of the University. In accordance with the Act, all General Receipts or portions thereof are immediately subject to the lien of the pledge upon receipt thereof by the University.

For the further security of the Series 1992 A Bonds, and any Additional Bonds (as defined in the Original Indenture), the University hereby covenants with the bondholders and the Trustee that so long as any Series 1992 A Bonds or Additional Bonds are outstanding, the University shall fix, make, adjust and collect fees, rates, rentals, charges, and other items of General Receipts, as will produce at all times General Receipts sufficient (i) to pay Bond Service Charges when due, (ii) together with other monies lawfully available therefor, to pay all costs and expenses required to be paid under the Bond proceedings, and (iii) together with other monies lawfully available therefor, to pay all other costs and expenses necessary for the proper maintenance and successful and continuous operation of the University.

(h) Payment, Places of Payment and Paying Agents. The principal of and any redemption premium on any Series 1992 A Bond when due shall be payable to the registered holder upon presentation and surrender thereof at the principal corporate trust office of the Trustee. Interest on Series 1992 A Bonds shall be payable by check or draft mailed by the Trustee as provided in the Original Indenture; provided, however, that interest on Series 1992 A Bonds aggregating \$1,000,000 or more in principal amount registered in the name of a single holder shall be paid by wire transfer in immediately available funds to such account, if any, as such holder directs in writing to the Trustee at least ten (10) days prior to any Interest Payment Date, such payment by wire transfer pursuant to that direction continuing in effect as to subsequent Interest Payment Dates until such time as the holder notifies the Trustee to the contrary or until such time as such holder ceases to be a holder of the requisite principal amount of Series 1992 A Bonds.

(i) Book Entry. Subject to the provisions of the immediately following paragraph, the Series 1992 A Bonds shall be issued only to a Depository for holding in a Book Entry System. Those Series 1992 A Bonds shall be registered in the name of the Depository or its nominee, as registered owner, and immobilized in the custody of the Depository; and shall not be transferable or exchangeable, except for transfer to another Depository or to another nominee of a Depository, without further action by the University. Each maturity of the Series 1992 A1 Bonds and the Series 1992 A2 Bonds shall each be evidenced by a single certificate in the aggregate principal amount of the respective Series 1992 A1 Bonds and the Series 1992 A2 Bonds maturing on each such maturity date.

If any Depository determines not to continue to act as a Depository for the Series 1992 A Bonds for holding in a Book Entry System, the University may attempt to have established a securities depository/Book Entry System relationship with another qualified Depository. If the University does not or is unable to do so, the University, after making provision for notification of the owners of book entry interests by appropriate notice to the then Depository and any other arrangements it deems necessary, shall permit the withdrawal of the Series 1992 A Bonds from the Depository, and authenticate and deliver the Series 1992 A Bond certificates, in fully registered form to the assigns of the Depository or its nominee (if such Bond was held by a nominee), all at the cost and expense (including costs of printing or otherwise preparing and delivering replacement Series 1992 A Bonds) of the Bondholders. Series 1992 A Bond certificates authenticated and delivered pursuant to this paragraph shall be in the denomination of \$5,000 or any integral multiple thereof.

**AUTHORIZATION, ISSUANCE AND SALE OF GENERAL RECEIPTS BONDS,  
SERIES 1992 A, OF THE OHIO STATE UNIVERSITY (contd)**

Section 3. Contract of Purchase; Certificate of Award; Official Statement. The Series 1992 A Bonds are sold and awarded to the Original Purchasers in accordance with the Contract of Purchase at the purchase price provided in the Certificate of Award. The form of Contract of Purchase now on file with the Secretary of the Board is hereby approved, together with any changes therein and completions thereof which are not inconsistent with this Resolution and not substantially adverse to the University, and as are permitted by the Act and approved on behalf of the University by the Chairman or the Treasurer. The approval on behalf of the University of those changes and completions by the Chairman or the Treasurer, and the status of those changes as not substantially adverse to the University, shall be conclusively evidenced by the execution of the Contract of Purchase on behalf of the University by the Chairman or the Treasurer. It is determined hereby that the purchase price and the manner of sale and the terms of the Series 1992 A Bonds, as provided in this Resolution and the Contract of Purchase are consistent with all legal requirements and will carry out the public purposes of the Act.

The sale and award of the Series 1992 A Bonds shall be further evidenced by the Certificate of Award. The Certificate of Award is hereby authorized and shall be executed by the Chairman or the Treasurer. The Certificate of Award shall state or confirm the aggregate principal amount of the Series 1992 A Bonds, the purchase price of such Bonds, the interest rate or rates with respect to each maturity of such Bonds, the annual principal amount or amounts of such Bonds becoming due, the maturity dates, any mandatory sinking fund requirements and the optional redemption provisions, all as determined in accordance with the provisions of this Resolution and the Contract of Purchase, and all of which shall be conclusively evidenced by the execution of the Certificate of Award. The Certificate of Award shall also contain such other dates or provisions as the Chairman or the Treasurer determines are appropriate or necessary, and as are consistent with this Resolution, the Indenture, the Fifth Supplemental Indenture and the Contract of Purchase.

The use and distribution of the Preliminary Official Statement and the Official Statement relating to the Series 1992 A Bonds by the Original Purchasers is hereby approved and authorized. The Preliminary Official Statement is deemed final by the University for purposes of Securities Exchange Commission Rule 15c2-12 except for such omissions therefrom as may be permitted by such Rule. The Official Statement, substantially in the form of the Preliminary Official Statement now on file with the Secretary of the Board, shall be executed by the Chairman or the Treasurer in his official capacity on behalf of the University with any modifications, changes and supplements necessary or desirable for the purposes thereof which the Chairman or the Treasurer shall approve. The Board has not confirmed, and assumes no responsibility for, the accuracy, sufficiency or fairness of the statements in the Preliminary Official Statement or the final Official Statement under the caption "UNDERWRITING."

Section 4. Allocation of Proceeds. The proceeds from the sale of the Series 1992 A Bonds, including any accrued interest, shall be allocated, deposited and applied as follows:

- (i) To the Bond Fund, accrued interest received on the sale of the Series 1992 A Bonds;
- (ii) To the 1992 Project Fund, created pursuant to Section 5 of this Resolution, the entire remaining amount of the proceeds of the Series 1992 A1 Bonds, to be applied to the purposes of that Fund, including transfers from that Fund authorized by the Act and to pay costs and expenses associated with the issuance of the Series 1992 A Bonds; and

**AUTHORIZATION, ISSUANCE AND SALE OF GENERAL RECEIPTS BONDS,  
SERIES 1992 A, OF THE OHIO STATE UNIVERSITY (contd)**

- (iii) To the Trustee, the entire remaining amount of the proceeds of the Series 1992 A2 Bonds, for deposit into the 1992 Escrow Subaccount pursuant to the Fifth Supplemental Indenture.

Section 5. 1992 Project Fund. There is hereby created by the University a fund to be maintained in the custody of the Treasurer and designated the "1992 Project Fund." The 1992 Project Fund shall be funded in part from the proceeds of the sale of the Series 1992 A1 Bonds. Such proceeds shall be used for the payment or reimbursement of a portion of the costs and expenses relating to the 1992 Project, and costs and expenses associated with the issuance of the Series 1992 A Bonds. The 1992 Project Fund shall not constitute a Special Fund and shall not be pledged to the payment of Bond Service Charges.

Moneys held in the 1992 Project Fund, including all investment earnings thereon, pending disbursement from the 1992 Project Fund shall be invested in Authorized Investments specified in Section VIII of the Non-Endowment Investments Policy of the University attached hereto as Exhibit A, as the same may be amended from time to time. If the proceeds of the Series 1992 A1 Bonds remain unspent upon the issuance of any Additional Bonds to fund costs of the 1992 Project, the University shall establish separate accounts and subaccounts, for accounting purposes, for the deposit of the proceeds of such Additional Bonds in accordance with the provisions of this Section 5.

The Treasurer shall maintain such books and records with respect to disbursements from the 1992 Project Fund so as to enable the Treasurer to determine the name of any payee of any such disbursement, the date on which such disbursement occurred, the amount of such disbursement and the purpose for which such disbursement was made. Investment earnings on the funds on deposit in the 1992 Project Fund may, at the discretion of the University, be paid to the Trustee for deposit in the Bond Service Account in the Bond Fund to be used to pay Bond Service Charges on the Series 1992 A1 Bonds.

Upon the determination by the Treasurer that the costs incurred in connection with any item listed in Section 1 hereof in the definition of 1992 Project (each a "Component") to be paid from the 1992 Project Fund have been paid in full or provision for such payment has been made, the University may use any remaining moneys on deposit in the 1992 Project Fund with respect to such Component to fund the costs of other Components or to fund the costs of additional projects constituting University Facilities (each, an "Additional Project"). Monies remaining on deposit in the 1992 Project Fund after the completion of the 1992 Project and any Additional Projects shall be used by the University in any manner which, in the opinion of Bond Counsel, shall be permissible under the Act and the Code.

Section 6. Application of Bond Proceeds. The University covenants that the use of the proceeds of the Series 1992 A Bonds will be restricted in such manner and to such extent, if any, as may be necessary, after taking into account reasonable expectations at the time of delivery of and payment for the Series 1992 A Bonds, so that the Series 1992 A Bonds will not constitute arbitrage bonds under Sections 103(c) and 148 of the Code. The Treasurer of the University, or any other officer having responsibility with respect to the issuance of the Series 1992 A Bonds, alone or in conjunction with any other officer or employee of or consultant to the University, will give an appropriate certificate of the University for inclusion in the transcript of proceedings for the Series 1992 A Bonds setting forth the reasonable expectations of the University regarding the amount and use of all those proceeds and the facts and estimates on which they are based, all as of the date of original delivery of and payment for the Series 1992 A Bonds.

**AUTHORIZATION, ISSUANCE AND SALE OF GENERAL RECEIPTS BONDS,  
SERIES 1992 A, OF THE OHIO STATE UNIVERSITY (contd)**

The University further covenants that it will take all actions required to maintain the exclusion from gross income for purposes of federal income taxation of interest on the Series 1992 A Bonds, and will not take, nor permit to be taken, any actions which would adversely affect such exclusion under the provisions of the Code that apply to the Series 1992 A Bonds; and the Chairman or the Treasurer and other appropriate officers are hereby authorized to take such actions and give such certifications as may be appropriate to assure such exclusion from gross income of interest on the Series 1992 A Bonds.

Section 7. 1992 Escrow Subaccount; Call for Redemption of Prior Bonds. There is hereby created the 1992 Escrow Subaccount, a subaccount of the Special Bond Service Account, to be held in the custody of the Trustee. All moneys and investments held in the 1992 Escrow Subaccount shall be held in trust for and shall be used solely for the payment of the principal of, premium, if any, and interest on the Prior Bonds as provided in the Fifth Supplemental Indenture.

The University hereby determines that each of the Prior Bonds shall be called for optional redemption at the earliest date on which each of them may be redeemed pursuant to the Indenture and that the execution and delivery by the University of the Fifth Supplemental Indenture shall constitute the irrevocable direction to the Trustee to send such notices as are required by the Indenture to effect such call for redemption. The execution of the Fifth Supplemental Indenture and the acceptance of the estate conveyed thereby by the Trustee shall constitute the receipt by the Trustee of such direction and the agreement by the Trustee to give the aforementioned notices.

Section 8. Further Covenants. In addition to the covenants elsewhere contained herein, the University further covenants as provided in Section 13 of the Series 1985 A Bond Resolution, which covenants are incorporated herein as if fully set forth herein.

Section 9. Fifth Supplemental Indenture. In order to better secure the payment of the Bond Service Charges as the same shall become due and payable, the Chairman, the President of the University, the Secretary of the Board and the Treasurer, or any one or more of them, are authorized and directed to execute, acknowledge and deliver to the Trustee, in the name and on behalf of the University and pursuant to the Indenture, the Fifth Supplemental Indenture, in substantially the form submitted to this Board and hereby approved, with such changes therein as are not substantially adverse to the University and as may be permitted by the Act and approved by the officers executing the same on behalf of the University. The Fifth Supplemental Indenture shall also include the forms of the Series 1992 A Bonds. The execution of such document by any of such officers shall conclusively evidence the approval of such officers and the Board and that such changes are not substantially adverse to the University. Such officers are each further authorized to execute and deliver on behalf of the University such other certificates, documents and instruments as are necessary in connection with the acts authorized by this Resolution.

Section 10. Open Meeting Determination. It is found and determined that all formal actions of the Board concerning and relating to the adoption of this Resolution were adopted in an open meeting of the Board, and that all deliberations of the Board and of any of its committees that resulted in such formal action were in meetings open to the public, in compliance with all legal requirements including Section 121.22 of the Ohio Revised Code.

Section 11. Effective Date. This Resolution shall take effect and be in force immediately upon its adoption.

Upon motion of Mr. Shumate, seconded by Amb. Wolf, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**AUTHORIZATION, ISSUANCE AND SALE OF  
VARIABLE RATE DEMAND GENERAL RECEIPTS BONDS,  
SERIES 1992 B, OF THE OHIO STATE UNIVERSITY**

Resolution No. 93-29

Synopsis: Providing for the authorization, issuance and sale of Variable Rate Demand General Receipts Bonds, Series 1992 B (the "Series 1992 B Bonds"), in a principal amount determined as provided herein, for the purpose of paying or reimbursing a portion of the costs of (i) the acquisition, construction, remodeling, improvement, installation, renovation and installation of facilities for use by University Hospitals, including a surgical intensive care unit, a neuropsychiatric facility, women and infant facilities, magnetic resonance imaging unit, elevator improvements, emergency department alterations and emergency power system improvements; (ii) the repair, improvement, remodeling, renovation and rehabilitation of University Residence and Dining Hall facilities; (iii) the acquisition, construction, installation and equipping of additional clinical medical research facilities located adjacent to Wiseman Hall; (iv) the acquisition, construction, installation and equipping of a plant growth research facility at Rightmire Hall; (v) the improvement of Cannon Drive; (vi) the renovation and remodeling of Rightmire Hall to provide laboratories for the University Biotechnology Program; (vii) the enlargement of the 12th Avenue Parking Garage and the construction thereon of Botany and Zoology facilities; (viii) the renovation of facilities at the Lab Animal Center for use in primate research; (ix) the remodeling and renovation of Bevis Hall to house a Transgenic Animal Facility to support biotechnology research; (x) the maintenance, improvement and repair of utilities, including central controls, a water purification system and storm and sanitary sewers; (xi) the acquisition and renovation of a facility for the construction of astronomical instruments; (xii) the renovation of Scott Hall to house the Byrd Polar Research Center and portions of the Geological Sciences; (xiii) the acquisition of land and a building located at 1275 Kinnear Road; (xiv) the acquisition of land for use by the Molly Caren Agricultural Center; (xv) the acquisition and installation of digital switching telecommunications equipment; (xvi) the renovation and remodeling of facilities to provide facilities for use in connection with the Honor's Program; (xvii) the development of intramural fields and acquisition and installation of additional bleachers for Ohio Stadium by the Department of Athletics; and (xviii) the renovation of a building located at 1000 Kinnear Road (collectively, the "1992 Project"), and paying costs and expenses associated with the issuance of the Series 1992 B Bonds, authorizing a Sixth Supplemental Trust Indenture to secure the payment of Bond Service Charges on the Series 1992 B Bonds and for related purposes.

WHEREAS pursuant to Sections 3345.11 and 3345.12 of the Ohio Revised Code (the "Act"), as enacted under authority of the Constitution of Ohio, particularly Section 2i of Article VIII thereof, The Ohio State University (the "University"), a state university of the State of Ohio (the "State"), created and existing under Chapter 3335 of the Ohio Revised Code, is authorized and empowered, among other things, (a) to issue, as provided herein, Bonds (as defined in the Original Indenture (as hereinafter defined)) of the University to pay the costs of certain capital facilities defined as "auxiliary facilities" in the Act (and herein called "University Facilities") and to refund, fund or retire bonds and other obligations previously issued for such purpose; (b) to pledge to the payment of the Bonds all or a specified part of the gross amount of the General Receipts of the University (as defined in the Original Indenture) in priority to all other expenses, claims or payments; (c) to covenant, as herein provided, that the University will make, fix, adjust and collect the fees, rates, rentals, charges and other items comprising General Receipts to produce General Receipts sufficient at all times to meet Bond Service Charges (as defined in the Original Indenture) on the Bonds, to establish and to maintain the required reserves and meet other requirements herein provided; and (d) to provide for a trust indenture and make further provisions for securing the payment of the Bond Service Charges; and

September 2, 1992 meeting, Board of Trustees

**AUTHORIZATION, ISSUANCE AND SALE OF  
VARIABLE RATE DEMAND GENERAL RECEIPTS BONDS,  
SERIES 1992 B, OF THE OHIO STATE UNIVERSITY (contd)**

WHEREAS the University, by resolution adopted by its Board of Trustees (the "Board") on November 1, 1985 (the "Series 1985 A Bond Resolution") and by a Trust Indenture dated as of November 15, 1985 (the "Original Indenture") between the University and The Huntington National Bank, as Trustee (the "Trustee"), has provided for the issuance from time to time of General Receipts Bonds of the University, with each such issue to be authorized by a Series Resolution (as defined in the Original Indenture) adopted by the Board pursuant thereto and secured pursuant to the terms of a Supplemental Indenture (as defined in the Original Indenture) with respect to such issue (the Original Indenture and all Supplemental Indentures being referred to collectively herein as the "Indenture"); and

WHEREAS the University has heretofore issued pursuant to the Series 1985 A Bond Resolution and the Original Indenture the \$27,680,000 The Ohio State University General Receipts Refunding Bonds, Series 1985 A, dated as of November 15, 1985 (the "Series 1985 A Bonds") (\$16,530,000 principal amount outstanding as of September 1, 1992); and

WHEREAS the University has heretofore issued pursuant to the Series 1985 A Bond Resolution, the resolution adopted by the Board on December 6, 1985 (the "Series 1985 B Bond Resolution"), the Original Indenture and the First Supplemental Trust Indenture, dated as of December 30, 1985 (the "First Supplemental Indenture"), between the University and the Trustee, as amended by the Amendment Agreement, dated as of December 1, 1986, between the University and the Trustee, as further amended by the First Supplemental Trust Indenture Amendment Agreement, dated as of March 1, 1988 between the University and the Trustee, the \$42,500,000 The Ohio State University Variable Rate Demand General Receipts Bonds, Series 1985 B, initially dated as of December 30, 1985 (the "Series 1985 B Bonds") (\$21,900,000 principal amount outstanding as of September 1, 1992); and

WHEREAS the University has heretofore issued pursuant to a resolution adopted by the Board on July 11, 1986 (the "Series 1986 A Bond Resolution"), the Series 1985 A Resolution, the Original Indenture and the Second Supplemental Trust Indenture, dated as of July 15, 1986 (the "Second Supplemental Indenture"), between the University and the Trustee, the \$45,000,000 The Ohio State University General Receipts Bonds, Series 1986 A, dated as of July 15, 1986 (the "Series 1986 A Bonds") (\$34,755,000 principal amount outstanding as of September 1, 1992); and

WHEREAS the University has heretofore issued pursuant to a resolution adopted by the Board on July 11, 1986 (the "Series 1986 B Bond Resolution"), the Series 1985 A Resolution the Original Indenture and the Amended Third Supplemental Trust Indenture, dated as of August 1, 1986 (the "Third Supplemental Indenture"), between the University and the Trustee, the \$45,000,000 The Ohio State University Variable Rate Demand General Receipts Bonds, Series 1986 B, initially dated as of August 14, 1986 (the "Series 1986 B Bonds") (\$40,900,000 principal amount outstanding as of September 1, 1992); and

WHEREAS the University has heretofore issued pursuant to a resolution adopted by its Board of Trustees on April 6, 1990 (the "Series 1990 Bond Resolution"), the Series 1985 A Bond Resolution, the Original Indenture and the Fourth Supplemental Trust Indenture, dated as of April 1, 1990 (the "Fourth Supplemental Indenture"), between the University and the Trustee, the \$54,265,000 The Ohio State University General Receipts Bonds, Series 1990, dated as of April 1, 1990 (the "Series 1990 Bonds") (\$49,945,000 principal amount outstanding as of September 1, 1992); and

September 2, 1992 meeting, Board of Trustees

**AUTHORIZATION, ISSUANCE AND SALE OF  
VARIABLE RATE DEMAND GENERAL RECEIPTS BONDS,  
SERIES 1992 B, OF THE OHIO STATE UNIVERSITY (contd)**

WHEREAS the University intends to issue pursuant to the resolution adopted by the Board on the date hereof (the "Series 1992 A Bond Resolution"), the Series 1985 A Resolution, the Original Indenture and the Fifth Supplemental Trust Indenture, dated as of September 1, 1992 (the "Fifth Supplemental Indenture"), between the University and the Trustee, The Ohio State University General Receipts Bonds, Series 1992 A1 in an amount not to exceed \$64,500,000 and The Ohio State University General Receipts Refunding Bonds, Series 1992 A2 (collectively, the "Series 1992 A Bonds"); and

WHEREAS the Board has determined that it is in the best interests of the University to authorize the issuance of The Ohio State University Variable Rate Demand General Receipts Bonds, Series 1992 B (the "Series 1992 B Bonds") in the principal amount not to exceed \$31,000,000 for the purpose of paying or reimbursing a portion of the costs of the 1992 Project, paying certain Capitalized Interest and paying costs and expenses associated with the issuance of the Series 1992 B Bonds; and

WHEREAS the University desires to make provisions for the issuance of the Series 1992 B Bonds and for the payment of the Bond Service Charges thereon and the securing thereof by this Resolution and a Sixth Supplemental Trust Indenture (the "Sixth Supplemental Indenture") herein authorized.

NOW THEREFORE

BE IT RESOLVED BY THE BOARD OF TRUSTEES OF THE OHIO STATE UNIVERSITY, as follows:

Section 1. Definitions and Interpretations. All words and terms defined in the Original Indenture and all interpretations therein provided shall have in this Resolution the same meanings, respectively, and be subject to the same interpretations as therein provided or used, unless the context or use clearly indicates another or different meaning or intent. Terms not appearing in the Original Indenture but used herein and not previously defined herein are defined as follows:

"Bond Proceedings" means the Series 1985 A Bond Resolution, the Original Indenture, any applicable Series Resolution, any applicable Supplemental Indenture, any applicable Certificate of Award and any other resolutions and agreements and amendments of and supplements to the foregoing, or any combination thereof, authorizing or providing for the terms and conditions applicable to, or providing for the security or sale of Bonds, and the terms contained in such Bonds.

"Book Entry System" means a system under which (i) a physical Series 1992 B Bond certificate in fully registered form is issued for each maturity of Series 1992 B Bonds only to a Depository or its nominee as registered owner, with the Series 1992 B Bonds held by and immobilized in the custody of the Depository; and (ii) a book entry record, maintained by and the responsibility of the Depository and not maintained by or the responsibility of the University or the Trustee, is the record that identifies, and records the transfer of the interests of, the owners of book entry interests in such Series 1992 B Bonds.

"Certificate of Award" means the Certificate of Award authorized pursuant to Section 3 of this Resolution.

"Contract of Purchase" means the Contract of Purchase between the Original Purchasers and the University, authorized pursuant to Section 3 hereof.

**AUTHORIZATION, ISSUANCE AND SALE OF  
VARIABLE RATE DEMAND GENERAL RECEIPTS BONDS,  
SERIES 1992 B, OF THE OHIO STATE UNIVERSITY (contd)**

"Converted Bond(s)" means a Series 1992 B Bond, the interest on which has been converted to a Fixed Interest Rate (as defined in the Sixth Supplemental Indenture) pursuant to Section 6(F) of the Sixth Supplemental Indenture.

"Depository" means any securities depository that is a clearing agency under federal law operating and maintaining, with its participants or otherwise, a Book Entry System to record ownership of book entry interests in obligations, and includes and means initially as to the Series 1992 B Bonds, The Depository Trust Company (a limited purpose trust company), New York, New York.

"Interest Payment Dates" means as to the Series 1992 B Bonds (i) during the effectiveness of a Weekly Rate Period, a Monthly Rate Period (as defined in the Sixth Supplemental Indenture), or a Quarterly Rate Period (as defined in the Sixth Supplemental Indenture), each March 1, June 1, September 1, and December 1 or, if such day is not a Business Day (as defined in the Sixth Supplemental Indenture), the next succeeding Business Day; (ii) during the effectiveness of a Semiannual Rate Period, an Annual Rate Period or a Fixed Rate Period (as such terms are defined in the Sixth Supplemental Indenture), each June 1 and December 1 or, if such day is not a Business Day, the next succeeding Business Day; (iii) during the effectiveness of any Money Market Rate, the first Business Day following each Rate Period; and (iv) if any or all Series 1992 B Bonds have been converted from bearing interest at a Money Market Rate or a Variable Rate to bearing interest at a Fixed Rate or Rates, the first day of each June 1 and December 1 to which interest at such rate or rates has accrued.

"Liquidity Facility" shall mean a bond purchase agreement, line of credit, revolving credit agreement or other liquidity agreement or formal undertaking, with a Liquidity Facility Issuer, pursuant to which under certain terms and conditions the Liquidity Facility Issuer agrees to purchase or provide moneys to the Tender Agent for the payment of the purchase price of tendered Bonds which cannot be remarketed, the delivery of which is disclosed by the Remarketing Agent, as certified by the Remarketing Agent to the University and the Trustee pursuant to the Sixth Supplemental Indenture, in the remarketing of all or part of the Series 1992 B Bonds as a source of funding for the payment of purchase price of the Series 1992 B Bonds tendered under the Sixth Supplemental Indenture.

"Liquidity Facility Issuer" shall mean the issuer of the Liquidity Facility if then in effect.

"Maximum Interest Rate" means twelve percentum (12%) per annum, or another maximum interest rate, if any, as provided in any Liquidity Facility.

"Money Market Mode" shall mean that Period during which the interest rate on the Series 1992 B Bonds is a Money Market Rate.

"Money Market Rate" shall mean, when used with respect to the Series 1992 B Bonds, the interest rate to be determined for each Bond pursuant to Section 6(E) of the Sixth Supplemental Indenture.

"Official Statement" means, as to the Series 1992 B Bonds, the Official Statement including, without limitation, the Preliminary Official Statement relating to the original issuance of the Series 1992 B Bonds, authorized pursuant to Section 3 hereof.

"Original Purchasers" means, as to the Series 1992 B Bonds, The Lehman Brothers Division of Shearson Lehman Brothers, Inc. and WR Lazard, Laidlaw & Mead, Inc.

**AUTHORIZATION, ISSUANCE AND SALE OF  
VARIABLE RATE DEMAND GENERAL RECEIPTS BONDS,  
SERIES 1992 B, OF THE OHIO STATE UNIVERSITY (contd)**

"Paying Agent(s)" means, as to the Series 1992 B Bonds, the Trustee, or in the event that the Series 1992 B Bonds are in the Money Market Mode, an alternate Paying Agent designated by the University and located in New York, New York.

"Period" means Rate Period, as defined herein.

"1992 Project" means, collectively, (i) the acquisition, construction, remodeling, improvement, installation, renovation and installation of facilities for use by University Hospitals, including a surgical intensive care unit, a neuropsychiatric facility, women and infant facilities, magnetic resonance imaging unit, elevator improvements, emergency department alterations and emergency power system improvements; (ii) the repair, improvement, remodeling, renovation and rehabilitation of University Residence and Dining Hall facilities; (iii) the acquisition, construction, installation and equipping of additional clinical medical research facilities located adjacent to Wiseman Hall; (iv) the acquisition, construction, installation and equipping of a plant growth research facility at Rightmire Hall; (v) the improvement of Cannon Drive; (vi) the renovation and remodeling of Rightmire Hall to provide laboratories for the University Biotechnology Program; (vii) the enlargement of the 12th Avenue Parking Garage and the construction thereon of Botany and Zoology facilities; (viii) the renovation of facilities at the Lab Animal Center for use in primate research; (ix) the remodeling and renovation of Bevis Hall to house a Transgenic Animal Facility to support biotechnology research; (x) the maintenance, improvement and repair of utilities, including central controls, a water purification system and storm and sanitary sewers; (xi) the acquisition and renovation of a facility for the construction of astronomical instruments; (xii) the renovation of Scott Hall to house the Byrd Polar Research Center and portions of the Geological Sciences; (xiii) the acquisition of land and a building located at 1275 Kinnear Road; (xiv) the acquisition of land for use by the Molly Caren Agricultural Center; (xv) the acquisition and installation of digital switching telecommunications equipment; (xvi) the renovation and remodeling of facilities to provide facilities for use in connection with the Honor's Program; (xvii) the development of intramural fields and acquisition and installation of additional bleachers for Ohio Stadium by the Department of Athletics; and (xviii) the renovation of a building located at 1000 Kinnear Road, each of (i) through (xviii) constituting a Component, as defined in the Series 1992 A Bond Resolution.

"1992 Project Fund" means the 1992 Project Fund held by the University and created in Section 5 of the Series 1992 A Bond Resolution to be funded in part with the proceeds of the Series 1992 A Bonds.

"Rate Determination Date" shall mean, with respect to any Bond subject to the Money Market Mode, the Business Day on which the Money Market Rate shall be determined, which shall be the first day of such Rate Period.

"Rate Period" shall mean, when used with respect to any particular rate of interest (whether a Money Market Rate, Weekly Variable Rate, Monthly Variable Rate, Quarterly Variable Rate, Semiannual Rate or Annual Rate), the period during which such rate of interest determined for the Series 1992 B Bonds will remain in effect pursuant to Section 6 of the Sixth Supplemental Indenture.

"Remarketing Agent" means initially, The Lehman Brothers Division of Shearson Lehman Brothers, Inc., and any Person (as defined in the Original Indenture) meeting the qualifications of, and designated from time to time to act as Remarketing Agent under Section 7(H) of the Sixth Supplemental Indenture.

September 2, 1992 meeting, Board of Trustees

**AUTHORIZATION, ISSUANCE AND SALE OF  
VARIABLE RATE DEMAND GENERAL RECEIPTS BONDS,  
SERIES 1992 B, OF THE OHIO STATE UNIVERSITY (contd)**

"Remarketing Agreement" means the Remarketing Agreement, dated as of October 1, 1992, provided for in Section 7 of this Resolution, to be entered into between the University and the Remarketing Agent, as the agreement may be amended, modified or supplemented.

"Series 1992 B Bond Resolution" or "this Resolution" as used herein, means this Resolution and the Certificate of Award, as the same may be amended from time to time.

"Tender Agent" means The Huntington National Bank, or any Person meeting the qualifications of, and designated from time to time to act as Tender Agent under, Section 7(K) of the Sixth Supplemental Indenture.

"Trustee" means The Huntington National Bank, and any successor Trustee as determined or designated under or pursuant to the Original Indenture.

"Variable Rate" means, as the context requires, the Weekly Variable Rate, the Monthly Variable Rate, the Quarterly Variable Rate, the Semiannual Rate or the Annual Rate.

Any reference herein to the University, the Board, or to any members or officers thereof or to other public boards, commissions, departments, institutions, agencies, bodies, entities or officers, shall include those which succeed to their functions, duties or responsibilities pursuant to or by operation of law or who are lawfully performing their functions. Any reference to a section or provision of the Ohio Revised Code or to the laws of Ohio shall include such section or provision and such laws as from time to time amended, modified, revised, supplemented, or superseded, provided that no such amendment, modification, revision, supplementation, or supersession shall alter the obligation to pay the Bond Service Charges in the amount and manner, at the times, and from the sources provided in the Series 1985 A Bond Resolution, this Resolution, the Original Indenture and the Sixth Supplemental Indenture, except as otherwise herein permitted.

Unless the context shall otherwise indicate, words importing the singular number shall include the plural number, and vice versa, and the terms "hereof," "herein," "hereby," "hereto," "hereunder," and similar terms, mean this Resolution.

**Section 2. Authorization; Terms; Pledge; and Covenant.**

(a) Authorization. The Bonds, to be designated and known as The Ohio State University Variable Rate Demand General Receipts Bonds, Series 1992 B, shall be issued pursuant to and as authorized by the Act, Section 2i of Article VIII of the Ohio Constitution, the Series 1985 A Bond Resolution, this Resolution, the Original Indenture and the Sixth Supplemental Indenture for the purposes of financing a portion of the costs of the University Facilities comprising the 1992 Project, paying certain Capitalized Interest and paying costs and expenses incidental to the issuance of the Series 1992 B Bonds.

(b) Form and Numbering. The Series 1992 B Bonds shall be issued only as fully registered Bonds. The Series 1992 B Bonds shall be numbered as determined by the Trustee.

(c) Denominations and Dates. Initially, the Series 1992 B Bonds shall be in denominations of \$50,000 and integral multiples thereof and shall be dated as of the date of their first authentication and delivery. Series 1992 B Bonds subsequently issued in exchange for Series 1992 B Bonds surrendered for transfer or exchange shall be dated as of the Interest Payment Date to which interest has been paid in full or duly provided for. Converted Bonds shall be in denominations of \$5,000 and any integral multiple thereof.

**AUTHORIZATION, ISSUANCE AND SALE OF  
VARIABLE RATE DEMAND GENERAL RECEIPTS BONDS,  
SERIES 1992 B, OF THE OHIO STATE UNIVERSITY (contd)**

(d) Principal Amount. The Series 1992 B Bonds shall be issued in the principal amount specified in the Certificate of Award, which amount shall not exceed \$31,000,000.

(e) Delivery and Execution. The Treasurer is hereby authorized to make the necessary arrangements with the Original Purchasers to establish the date, location, procedures and conditions for the delivery of the Series 1992 B Bonds to the Original Purchasers and to take all steps as necessary to effect due execution, authentication and delivery of the Series 1992 B Bonds to the Original Purchasers under the terms of this Resolution. The Series 1992 B Bonds shall be signed by the Chairman of the Board (the "Chairman") and the Treasurer in their official capacities (provided that both of the signatures may be facsimiles) and shall bear the corporate seal of the University or a facsimile thereof.

(f) Interest. The Series 1992 B Bonds shall bear interest at a variable rate determined on a weekly, monthly, quarterly, semiannual, annual or multi-annual basis, or pursuant to the Money Market Mode, the period of recalculation to be selected by the University and the method of calculation to be performed by the Remarketing Agent as provided in Section 6 of the Sixth Supplemental Indenture. The University may also, as provided in Section 6(F) of the Sixth Supplemental Indenture, convert the interest rate on all or a portion of the Series 1992 B Bonds to Fixed Interest Rates. The interest rate on the Series 1992 B Bonds shall at no time exceed the Maximum Interest Rate. Interest shall be payable on each Interest Payment Date.

(g) Optional Tender. From time to time as provided in Section 7 of the Sixth Supplemental Indenture, holders of the Series 1992 B Bonds (other than Converted Bonds) may request, in accordance with the provisions of Section 7(A) of the Sixth Supplemental Indenture, that the Tender Agent purchase such Series 1992 B Bonds at a purchase price equal to one hundred percent (100%) of the principal amount of such Series 1992 B Bonds to be purchased plus accrued interest.

(h) Maturities. The Series 1992 B Bonds (other than Converted Bonds) shall mature not later than December 1, 2017, unless they have been redeemed prior to such date by mandatory redemption, as provided in Section 8(C) of the Sixth Supplemental Indenture, or otherwise. The Converted Bonds shall mature on the dates determined as provided in Section 6(F) of the Sixth Supplemental Indenture. The Series 1992 B Bonds (other than Converted Bonds) shall mature and be subject to mandatory sinking fund redemption as provided in the Certificate of Award. Nothing in the preceding sentences shall be deemed to in any case extend the maturity of any Series 1992 B Bond.

(i) Redemption. Certain maturities of the Series 1992 B Bonds are subject to redemption at the option of the University prior to stated maturity, in whole or in part, in accordance with the terms, conditions, redemption prices and on the dates set forth in Section 8 of the Sixth Supplemental Indenture. Notice of call for and other terms and provisions governing redemption of such Series 1992 B Bonds shall be given in the manner provided in the Indenture and the Sixth Supplemental Indenture.

(j) Mandatory Purchase. Certain of the Series 1992 B Bonds shall be subject to mandatory purchase, as designated by and in accordance with the provisions of Section 8(C) of the Sixth Supplemental Indenture. The Series 1992 B Bonds subject to mandatory purchase shall be purchased at a purchase price equal to the principal amount of the Series 1992 B Bonds to be so purchased plus accrued interest.

**AUTHORIZATION, ISSUANCE AND SALE OF  
VARIABLE RATE DEMAND GENERAL RECEIPTS BONDS,  
SERIES 1992 B, OF THE OHIO STATE UNIVERSITY (contd)**

(k) Appointment of Remarketing Agent. The Board hereby appoints The Lehman Brothers Division of Shearson Lehman Brothers, Inc. as the initial Remarketing Agent under the Sixth Supplemental Indenture.

(l) Appointment of Tender Agent. The Board hereby appoints The Huntington National Bank as the initial Tender Agent under the Sixth Supplemental Indenture.

(m) Security. As provided in the Indenture as supplemented by the Sixth Supplemental Indenture, there is hereby pledged to the security of the Series 1992 B Bonds, (i) the gross amount of General Receipts of the University (subject to the provisions for the partial release of a pledge of General Receipts contained in Section 4.11 of the Original Indenture) and (ii) the monies contained in the Special Funds, but excluding the Bond Reserve Fund. Anything else to the contrary in the Indenture, the Series 1985 A Bond Resolution, the Sixth Supplemental Indenture or this Resolution notwithstanding, the Series 1992 B Bonds shall not have access to, any claim upon or be secured by, the Bond Reserve Fund or the 1992 Project Fund. This pledge of General Receipts shall be on parity with expenses, claims and payments relating to other Parity Obligations (as defined in the Original Indenture) and in priority to all other expenses, claims and payments of the University. In accordance with the Act, all the General Receipts or portions thereof are immediately subject to the lien of the pledge upon receipt thereof by the University.

For the further security of the Series 1992 B Bonds, and any Additional Bonds (as defined in the Original Indenture), the University hereby covenants with the bondholders and the Trustee that so long as any Series 1992 B Bonds or Additional Bonds are outstanding, the University shall fix, make, adjust and collect fees, rates, rentals, charges, and other items of General Receipts, as will produce at all times General Receipts sufficient (i) to pay Bond Service Charges when due, (ii) together with other monies lawfully available therefor, to pay all costs and expenses required to be paid under the Bond proceedings, and (iii) together with other monies lawfully available therefor, to pay all other costs and expenses necessary for the proper maintenance and successful and continuous operation of the University.

(n) Payment, Places of Payment and Paying Agents. The principal of and the redemption premium on the Series 1992 B Bonds when due shall be payable to the registered holders, upon presentation and surrender thereof at the principal corporate trust office of the Trustee and the Tender Agent, respectively. Interest shall be payable by check or draft mailed by the Trustee as provided in the Original Indenture; provided, however, that interest on Series 1992 B Bonds aggregating \$1,000,000 or more in principal amount registered in the name of a single holder shall be paid by wire transfer in immediately available funds to such account, if any, as such holder directs in writing to the Trustee at least ten (10) days prior to any Interest Payment Date, such payment by wire transfer pursuant to that direction continuing in effect as to subsequent Interest Payment Dates until such time as the holder notifies the Trustee to the contrary or until such time as such holder ceases to be a holder of the requisite principal amount of Series 1992 B Bonds. Interest on Series 1992 B Bonds held by any Liquidity Facility Issuer or its designee pursuant to the Liquidity Facility shall be paid (at the) by wire transfer on each Interest Payment Date unless the Liquidity Facility Issuer notifies the Trustee of a different mutually acceptable method.

**AUTHORIZATION, ISSUANCE AND SALE OF  
VARIABLE RATE DEMAND GENERAL RECEIPTS BONDS,  
SERIES 1992 B, OF THE OHIO STATE UNIVERSITY (contd)**

(o) Book Entry. Subject to the provisions of the immediately following paragraph, the Series 1992 B Bonds shall be issued only to a Depository for holding in a Book Entry System. Those Series 1992 B Bonds shall be registered in the name of the Depository or its nominee, as registered owner, and immobilized in the custody of the Depository; and shall not be transferable or exchangeable, except for transfer to another Depository or to another nominee of a Depository, without further action by the University. Each maturity of the Series 1992 B Bonds shall be evidenced by a single certificate in the aggregate principal amount of the Series 1992 B Bonds maturing on such maturity date.

If any Depository determines not to continue to act as a Depository for the Series 1992 B Bonds for holding in a Book Entry System, the University may attempt to have established a securities depository/Book Entry System relationship with another qualified Depository. If the University does not or is unable to do so, the University, after making provision for notification of the owners of book entry interests by appropriate notice to the then Depository and any other arrangements it deems necessary, shall permit the withdrawal of the Series 1992 B Bonds from the Depository, and authenticate and deliver the Series 1992 B Bond certificates, in fully registered form to the assigns of the Depository or its nominee (if such Bond was held by a nominee), all at the cost and expense (including costs of printing or otherwise preparing and delivering replacement Series 1992 B Bonds) of the Bondholders. Series 1992 B Bond certificates authenticated and delivered pursuant to this paragraph shall be in the denomination of \$5,000 or any integral multiple thereof.

Section 3. Contract of Purchase; Certificate of Award; Official Statement. The Series 1992 B Bonds are sold and awarded to the Original Purchasers in accordance with the Contract of Purchase at the purchase price provided in the Certificate of Award. The form of Contract of Purchase now on file with the Secretary of the Board is hereby approved, together with any changes therein and completions thereof which are not inconsistent with this Resolution and not substantially adverse to the University, and as are permitted by the Act and approved on behalf of the University by the Chairman or the Treasurer. The approval on behalf of the University of those changes and completions by the Chairman or the Treasurer, and the status of those changes as not substantially adverse to the University, shall be conclusively evidenced by the execution of the Contract of Purchase on behalf of the University by the Chairman or the Treasurer. It is determined hereby that the purchase price and the manner of sale and the terms of the Series 1992 B Bonds, as provided in this Resolution, are consistent with all legal requirements and will carry out the public purposes of the Act.

The sale and award of the Series 1992 B Bonds shall be further evidenced by the Certificate of Award. The Certificate of Award is hereby authorized and shall be executed by the Chairman or the Treasurer. The Certificate of Award shall, as to the Series 1992 B Bonds, state or confirm the aggregate principal amount, the purchase price of such Bonds, the initial interest rate or rates of such Bonds, the amount of Capitalized Interest, if any, with respect to such Bonds, the mandatory sinking fund requirements and the optional redemption provisions with respect to such Bonds, all as determined in accordance with the provisions of this Resolution, the Sixth Supplemental Indenture and the Contract of Purchase, all of which shall be conclusively evidenced by the execution of the Certificate of Award. The Certificate of Award shall also contain such other data or provisions as the Chairman or the Treasurer determines are appropriate or necessary, and as are consistent with the Series 1992 A Bond Resolution, this Resolution, the Original Indenture, the Sixth Supplemental Indenture and the Contract of Purchase.

**AUTHORIZATION, ISSUANCE AND SALE OF  
VARIABLE RATE DEMAND GENERAL RECEIPTS BONDS,  
SERIES 1992 B, OF THE OHIO STATE UNIVERSITY (contd)**

The use and distribution of the Preliminary Official Statement relating to the Series 1992 B Bonds by the Original Purchasers is hereby approved and authorized. The Preliminary Official Statement is deemed final by the University for purposes of Securities Exchange Commission Rule 15c2-12 except for such omissions therefrom as may be permitted by such Rule. The final Official Statement, substantially in the form of the Preliminary Official Statement now on file with the Board, shall be executed by the Chairman or the Treasurer in his official capacity on behalf of the University with any modifications, changes or supplements necessary or desirable for the purposes thereof which the Chairman or the Treasurer shall approve. The Board has not confirmed, and assumes no responsibility for, the accuracy, sufficiency or fairness of any statements in the Preliminary Official Statement or the final Official Statement under the caption "UNDERWRITING."

Section 4. Allocation of Proceeds. The proceeds from the sale of the Series 1992 B Bonds, including any accrued interest, shall be allocated, deposited and applied as follows:

(i) To the Bond Fund, accrued interest, if any, received on the sale of the Series 1992 B Bonds; and

(ii) To the 1992 Project Fund, created pursuant to Section 5 of the Series 1992 A Bond Resolution, the entire remaining amount of the proceeds of the Series 1992 B Bonds, to be applied to the purposes of that Fund, including transfers from that Fund authorized by the Act and to pay costs and expenses associated with the issuance of the Series 1992 B Bonds.

Section 5. 1992 Project Fund. There has previously been created by the University pursuant to Section 5 of the Series 1992 A Bond Resolution a fund to be maintained in the custody of the Treasurer and designated the "1992 Project Fund." The 1992 Project Fund shall be funded in part from the proceeds of the sale of the Series 1992 B Bonds. Such proceeds shall be used for the payment or reimbursement of a portion of the costs and expenses relating to the 1992 Project, and costs and expenses associated with the issuance of the Series 1992 B Bonds. The 1992 Project Fund shall not constitute a Special Fund and shall not be pledged to the payment of Bond Service Charges.

Moneys held in the 1992 Project Fund, including all investment earnings thereon, pending disbursement from the 1992 Project Fund shall be invested in Authorized Investments specified in Section VIII of the Non-Endowment Investments Policy of the University attached hereto as Exhibit A, as the same may be amended from time to time. If the proceeds of the Series 1992 B Bonds remain unspent upon the issuance of any Additional Bonds to fund costs of the 1992 Project, the University shall establish separate accounts and subaccounts, for accounting purposes, for the deposit of the proceeds of such Additional Bonds in accordance with the provisions of this Section 5 and Section 5 of the Series 1992 A Bond Resolution.

The Treasurer shall maintain such books and records with respect to disbursements from the 1992 Project Fund so as to enable the Treasurer to determine the name of any payee of any such disbursement, the date on which such disbursement occurred, the amount of such disbursement and the purpose for which such disbursement was made. Investment earnings on the funds on deposit in the 1992 Project Fund may, at the discretion of the University, be paid to the Trustee for deposit in the Bond Service Account in the Bond Fund to be used to pay Bond Service Charges on the Series B Bonds.

**AUTHORIZATION, ISSUANCE AND SALE OF  
VARIABLE RATE DEMAND GENERAL RECEIPTS BONDS,  
SERIES 1992 B, OF THE OHIO STATE UNIVERSITY (contd)**

Upon the determination by the Treasurer that the costs incurred in connection with any item listed in Section 1 hereof in the definition of 1992 Project (each a "Component") to be paid from the 1992 Project Fund have been paid in full or provision for such payment has been made, the University may use any remaining moneys on deposit in the 1992 Project Fund with respect to such Component to fund the costs of other Components or to fund the costs of additional projects constituting University Facilities (each, an "Additional Project"). Monies remaining on deposit in the 1992 Project Fund after the completion of the 1992 Project and any Additional Projects shall be used by the University in any manner which, in the opinion of Bond Counsel, shall be permissible under the Act and the Code.

Section 6. Application of Bond Proceeds. The University covenants that the use of the proceeds of the Series 1992 B Bonds will be restricted in such manner and to such extent, if any, as may be necessary, after taking into account reasonable expectations at the time of delivery of and payment for the Series 1992 B Bonds, so that the Series 1992 B Bonds will not constitute "arbitrage bonds" under Sections 103(c) and 148 of the Code. The Treasurer of the University, or any other officer having responsibility with respect to the issuance of the Series 1992 B Bonds, alone or in conjunction with any other officer or employee of or consultant to the University, will give an appropriate certificate of the University for inclusion in the transcript of proceedings for the Series 1992 B Bonds setting forth the reasonable expectations of the University regarding the amount and use of those proceeds and the facts and estimates on which they are based, all as of the date of original delivery of and payment for the Series 1992 B Bonds.

The University further covenants that it will take all actions required to maintain the exclusion from gross income for purposes of federal income taxation of interest on the Series 1992 B Bonds and will not take or permit to be taken, any actions which would adversely affect such exclusion under the provisions of the Code that apply to the Series 1992 Bonds; and the Chairman or the Treasurer and other appropriate officers are hereby authorized to take such actions and give such certifications as may be appropriate to assure such exclusion from gross income of interest on the Series 1992 B Bonds.

Section 7. Further Covenants. In addition to the covenants elsewhere contained herein, the University further covenants as provided in Section 13 of the Series 1985 A Bond Resolution, which covenants are incorporated herein as if fully set forth herein.

Section 8. Sixth Supplemental Indenture, Remarketing Agreement and Other Documents. In order to better secure the payment of the Bond Service Charges as the same shall become due and payable, the Chairman, the President of the University, the Secretary of the Board and the Treasurer, or any one or more of them, are authorized and directed to execute, acknowledge and deliver to the Trustee and the Remarketing Agent, in the name and on behalf of the University and pursuant to the Indenture, the Sixth Supplemental Indenture and the Remarketing Agreement, respectively, each in substantially the form submitted to this Board, or to such officers on behalf of this Board and the University, and such documents are hereby approved, with such changes therein as are not substantially adverse to the University and as may be permitted by the Act and approved by the officers executing the same on behalf of the University. The Sixth Supplemental Indenture shall also include the form of the Series 1992 B Bonds (the "Form of Bond"), attached thereto as Exhibit A. The execution of such documents by any of the officers shall conclusively evidence that the officers and the Board approve such changes and that such changes are not substantially adverse to the University. Each of such officers is further authorized to execute and deliver on behalf of the University such other certificates, documents and instruments as are necessary in connection with the acts authorized by this Resolution.

**AUTHORIZATION, ISSUANCE AND SALE OF  
VARIABLE RATE DEMAND GENERAL RECEIPTS BONDS,  
SERIES 1992 B, OF THE OHIO STATE UNIVERSITY (contd)**

Section 9. Construction Bonds; Penalty in Lieu of Rebate.

(a) Construction Bonds. The University hereby determines and represents that at least seventy-five percent (75%) of the available construction proceeds (within the meaning of Section 148(f)(4)(C)(iv) of the Code) of the Series 1992 B Bonds are to be used for construction expenditures with respect to property which is to be owned by a governmental unit in accordance with the provisions of Section 148(f)(4)(C) of the Code.

(b) Election of Penalty in Lieu of Rebate. The University hereby elects the application of Section 148(f)(4)(C)(vii) of the Code which provides for the payment of a penalty in lieu of any rebate payments which would otherwise be due in connection with the investment of the proceeds of the Series 1992 B Bonds. The Chairman or the Treasurer are each authorized to execute an instrument (the "election document") that is required by the Code to evidence the election herein described. The election document shall be retained by the University until the expiration of six years following the redemption, refunding or maturity of the last Bond of the Series 1992 B Bonds to be retired.

Section 10. Open Meeting Determination. It is found and determined that all formal actions of the Board concerning and relating to the adoption of this Resolution were adopted in an open meeting of the Board, and that all deliberations of the Board and of any of its committees that resulted in such formal action were in meetings open to the public, in compliance with all legal requirements including Section 121.22 of the Ohio Revised Code.

Section 11. Effective Date. This Resolution shall take effect and be in force immediately upon its adoption.

Upon motion of Mr. Shumate, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**REPORT - UNIVERSITY'S ENDOWMENT FUND**

Resolution No. 93-30

RESOLVED, That the report on the University's Endowment Fund, dated August 21, 1992, as submitted to the Investments Committee of the Board of Trustees, be received and filed with the official records of the Board.

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**REPORT - UNIVERSITY'S ENDOWMENT FUND  
QUARTERLY REPORTS**

Resolution No. 93-31

RESOLVED, That the report on the University's Endowment Fund Quarterly Reports, dated June 30, 1992, as submitted to the Investments Committee of the Board of Trustees, be received and filed with the official records of the Board.

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September 2, 1992 meeting, Board of Trustees

**REPORT - UNIVERSITY'S CASH AND INVESTMENTS**

Resolution No. 93-32

RESOLVED, That the report on the University's Cash and Investments, dated June 30, 1992, as submitted to the Investments Committee of the Board of Trustees, be received and filed with the official records of the Board.

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Thereupon the Board adjourned to meet Friday, October 2, 1992, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio.

Attest:

Madison H. Scott  
Secretary

John J. Barone  
Chairman

THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND TWO HUNDRED AND EIGHTY-SIXTH MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, October 2, 1992

The Board of Trustees met at its regular monthly meeting on Friday, October 2, 1992, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

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Minutes of the last meeting were approved.

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October 2, 1992 meeting, Board of Trustees

The Chairman, Mr. Barone, called the meeting of the Board of Trustees to order on October 2, 1992, at 10:05 a.m. He requested the Secretary to call the roll.

Present: John J. Barone, Chairman, Deborah E. Casto, John W. Kessler, Milton A. Wolf, Alex Shumate, Theodore S. Celeste, Michael F. Colley, George A. Skestos, Kristen Cusack, and Hiawatha N. Francisco, Jr.

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## **PRESIDENT'S REPORT**

President Gee:

Welcome ladies and gentlemen -- we are delighted to have all of you here today. I am particularly pleased to see so many of my University colleagues who will be presenting some information to you later regarding activities at the University, which are enormously important. This year -- and I believe that those that were in the Student Affairs Committee meeting already heard -- by many people's estimation, we have had one of the most successful opening weeks in memory. Some are attributing this success to the beautiful weather, others say it is because of the Buckeyes' stunning victory over Syracuse. And I must say that no one appreciated that victory more than I did -- with the possible exception of Coach Cooper, of course. As I told Bob Orr of WBNS at the end of the game, I couldn't wait to send back all those letters I had been receiving lately! That did buoy our spirits tremendously. But the real reason for the success of the start of this year is the extra effort and fine work of our faculty and staff members in preparing for the 1992-93 academic year.

Just before the quarter began, we celebrated Staff Appreciation Day, an opportunity for us to thank the members of our staff for their good work. A staff arts and crafts exhibit was held in Bricker Hall and a staff talent show was part of the festivities on the Oval. In the words of an administrative secretary who wrote to me after the event, "This event certainly lifted my spirits and those of many staff members who needed a boost."

We opened our residence halls on Saturday, September 19, and within only two days nearly 7,000 undergraduates were moved into their rooms. I spent a few hours that first day talking with students and their parents, and I was able to observe firsthand the truly remarkable job that was done. Better than my description are the words of Larry and Marti Hughes of Worthington in a letter they sent me after moving their daughter into Canfield Hall, "Frankly, we were expecting hours of waiting and gave ourselves 4 to 5 hours to do this.... Within less than 45 minutes, Laura was moved into her room. We were treated very courteously and efficiently. There were no lines and the organization by everyone was superb. ... Laura's resident advisor greeted us and talked with us for 20 minutes. We felt so secure leaving our daughter in your hands." Letters like that from parents are worth a great deal to us. And as a parent, I know that this is high praise, indeed.

For the first time in many years, a welcome convocation was held for new students. More than 3,000 students attended in St. John Arena. Professor Martha Garland gave them some very sound advice, telling them to sit in the front of every class. In that way, regardless of the size of the class, it is very small and personal. Coach Randy Ayers addressed the students and gave them some of the same advice he gives his student athletes -- avoid distractions, and, of course, remember why you

**PRESIDENT'S REPORT (contd)**

President Gee: (contd)

are at Ohio State. From the procession of the deans to the picnic that followed, it was a very successful event.

On the first day of classes, I visited several of the busiest offices on campus. At Fees and Deposits they had a large Scarlet and Gray banner reading "Welcome to Buckeye Country." The Office of the Treasurer was disbursing checks out of Drake Union, and their staff included another one of my look-a-likes! No wonder I get blamed for everything! Leonard Copeland, Assistant Treasurer, remarked that the people in his areas are committed to providing the best possible service because "this translates into increased time and energy for students to spend on their studies." And that was a quote from Leonard.

And study they will! Last month, Associate Provost Bob Arnold told this Board of the success of our efforts to reduce the number of closed courses. Our statistics were brought to life during the first week of classes when many of the college offices noted a considerable decrease in the number of requests for schedule changes. We still have a ways to go on the issues of course availability, but we have made, in my view, tremendous strides.

I would be remiss if I did not mention, as part of my report on the opening of the school year, that another very successful Farm Science Review was held at our Molly Caren Farm. A number of the Trustees joined us for a very successful luncheon hosted by the Vice President for Agriculture, Bob Moser. The exhibits at this outstanding farm show are both interesting and important to farmers and business leaders. What Ohio State exhibits through this event is its teaching, its research, and its service to agri-business and to the citizens of Ohio and the nation.

Coincident with the opening of the academic year was the opening of an important exhibit at the Wexner Center for the Arts. "Will Power" brings together outstanding contemporary minority artists who give expression to culture and tradition, some within the context of the quincentenary remembrance. As any academic arts center should, this exhibit challenges our assumptions and reinforces our commitment to issues of diversity in our society.

The pace has quickened across our campuses. I feel we have some momentum going into this Autumn Quarter. Despite the challenges of our fiscal problems, people have pulled together and found a number of ways to enhance this great institution. I know that the Board joins me in applauding this type of effort on the part of the people who are, after all, Ohio State.

I would just note, parenthetically, that each member of the Board has in front of them an outline of my speech that I will be giving tomorrow to the University Senate. It is very consistent with discussions that we have had regarding the mission, vision, and direction of the institution. I look forward to that speech and an opportunity to discuss with my faculty and staff colleagues throughout the university the future of this institution -- something that we will further discuss at our November meeting. Thank you, very much, Mr. Chairman.

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## RESEARCH FOUNDATION REPORT

Mr. Celeste:

I am pleased to report on the grants and contracts for the month of August received by The Ohio State University Research Foundation. At Tab 1 we see that the awards for the period July through August remain down about the same level as last month. This is due in large measure to fluctuations in the timing of some major awards. Some awards received last year were for multiple years, some awards were received in June instead of July, and others are being delayed.

At Tab 2 you will find expenditure summaries. It is noteworthy that expenditures for personnel are up over 12 percent, while other categories are lagging behind due to a temporary backlog in accounts payable.

Some projects of special interest that were funded in the month of August are listed in Tab 3. This week I had the pleasure of visiting the Biotechnology Center and you should have copies of their promotional brochures at each of your places. Dr. Kolattukudy, Director of the Center, who took me on a whirl-wind tour of the Center, has recently been funded by the National Cancer Institute to investigate the molecular basis of hormonally induced cancer. This project is only one of the many interdisciplinary studies at the Center involving faculty in other colleges. Each of the areas being studied has the potential to provide scientific breakthroughs with immediate real-life applications -- which is a pretty exciting thing going on at the University.

The National Science Foundation has funded Professors Noltz, Pearl, and Stasny in the Department of Statistics to develop a comprehensive package of multimedia materials for use in introductory statistics courses and made available nationally.

At Tab 4 is the list of all projects funded in August.

At Tab 5 are several tables comparing federal obligations for research and development at the Big Ten Universities, plus Penn State University. The first table compares data across several academic disciplines for FY 1990. In terms of total science and engineering funding, Ohio State ranked 6 out of 11. The second table compares data by federal agency. In addition, there are tables comparing fiscal year 1986 through 1990 for the more significant federal agencies. Comparable data for 1991 are not yet available from the federal government.

In reviewing this information it may be helpful to recognize that Ohio State, Michigan State, Northwestern, Penn State, Illinois, Iowa, Michigan, Minnesota, and Wisconsin have medical schools that contribute in a major way to funding in the life sciences. Indiana and Iowa do not have engineering schools, and only Ohio State, Michigan State, Penn State, Purdue, Illinois, Minnesota, and Wisconsin have an agricultural college. Also, there is a major interdisciplinary center at Penn State that accounts for about \$52 million.

Tab 6 includes a press release issued by University Communications highlighting recent research activity. This concludes my remarks.

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS**

Resolution No. 93-33

Synopsis: The reports on contracts, grants, and gifts and the summary for August 1992 are presented for Board acceptance.

WHEREAS monies are solicited and received on behalf of the University from governmental, industrial, other agencies, alumni, and various individuals in support of research, instructional activities, and service; and

WHEREAS such gifts are received through The Ohio State University Research Foundation, the Engineering Experiment Station of The Ohio State University, The Ohio State University Development Fund, and The Ohio State University Foundation.

NOW THEREFORE

BE IT RESOLVED, That the research agreement between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the reports from the Engineering Experiment Station, The Ohio State University Development Fund, and The Ohio State University Foundation during the month of August 1992 be approved.

Upon motion of Mr. Celeste, seconded by Ms. Casto, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

Summary

AUGUST 1992

<u>Source</u>	<u>7/1/91-8/31/91</u>	<u>7/1/92-8/31/92</u>	<u>August 1992</u>
The Ohio State University Research Foundation	\$ 30,489,194.20	\$ 24,735,909.17	\$12,978,891.17
Engineering Experiment Station	\$ 1,540,061.00	\$ 2,148,595.00	\$ 948,774.00
The Ohio State University Development Fund			
Establishment of Named Funds			
The Ralph W. Kurtz Chair Fund in Finance (Support the teaching and research of a chair)			\$ 312,500.00
The Doctors Ruth Beckey Irwin and Harry Power Irwin Fund (Used for scholarships, lectures, symposium and research in Speech Pathology)			\$ 119,243.60
The College of Medicine Distinguished Teaching Endowment Fund (Support the College of Medicine's Distinguished Teaching Award)			\$ 42,000.00

October 2, 1992 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

Summary (contd)

AUGUST 1992 (contd)

The Ohio State University Development Fund (contd)

Establishment of Named Funds (contd)

The Robert W. Ferguson Award for Excellence in Writing  
(Awards to journalism students)

\$ 30,000.00

The Eithel Bray Rose Scholarship Fund  
(Scholarships - Home Economics Education)

\$ 18,000.00

Vice President of Agriculture Discretionary Endowment Fund  
(Support for units within the College of Agriculture)

\$ 16,741.71

Change in Name and Description of Named Funds

From: The Margaret Speaks Vocal Scholarship  
To: The Margaret Speaks Vocal Scholarship Fund

From: Oley Speaks Memorial Scholarship Fund  
To: The Oley Speaks Memorial Scholarship Fund

The Ohio State University Foundation

Approval of Description and Establishment of Funds

The George and Edna Jaap Poultry Endowment Fund  
(Research support - Department of Poultry Science)

\$ 500,000.00

The J. Ray Waller and Lillian W. Waller Cancer Research Fund  
(Support cancer research)

\$ 500,000.00

The Dr. J. Martin Byers, Jr. Memorial Fund in Family Medicine  
(Foster and nurture rural medicine)

\$ 15,000.00

October 2, 1992 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Establishment of Named Funds

The Ralph W. Kurtz Chair in Finance Fund

The Ralph W. Kurtz Chair in Finance Fund was established October 2, 1992, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from Helen C. and Ralph W. Kurtz (B.M.E. '23) for the support of the College of Business.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be added to principal until the Fund reaches \$1.25 million at which time the annual income shall be distributed to the College of Business to support the teaching and research of The Ralph W. Kurtz Chair in Finance. The Chair shall be an internationally recognized scholar in Finance. Appointment to the Chair shall be recommended by the Dean of the College of Business to the Provost and approved by the Board of Trustees.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donors.

The Doctors Ruth Beckey Irwin and Harry Power Irwin Fund

The Doctors Ruth Beckey Irwin and Harry Power Irwin Fund was established October 2, 1992, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from the estate of Dr. Ruth Becky Irwin, retired Chairperson of the Division of Speech and Hearing Science, of Columbus, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used for scholarships, lectures, symposium and research in speech pathology by the Division of Speech and Hearing Science. When scholarships are involved, scholarship selection shall be made in consultation with the University Committee on Student Financial Aid. The chairperson of the Division shall be responsible for the administration of the fund.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

October 2, 1992 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The College of Medicine Distinguished Teaching Endowment Fund

The College of Medicine Distinguished Teaching Endowment Fund was established October 2, 1992, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from alumni and friends of the College of Medicine and through the leadership of Seth Kantor, M.D., Associate Dean, College of Medicine.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to support the College of Medicine's Distinguished Teaching Award program and foster teaching excellence in the Medical Humanities and MEDPATH programs. Programs to be supported and distribution of the annual income shall be determined by the Associate Dean of the College of Medicine in cooperation with the Distinguished Teaching Advisory Committee and approved by the Dean of the College of Medicine.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the Dean of the College of Medicine or program administrative officer in order to carry out the desire of the donors.

The Robert W. Ferguson Award for Excellence in Writing

The Robert W. Ferguson Award for Excellence in Writing was established October 2, 1992, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the estate of Robert W. Ferguson (B.S., Journalism '39) of Wheeling, West Virginia.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide awards to journalism students for excellence in writing. Selection of the award recipients shall be made by a committee selected by the Director of the School of Journalism of The Ohio State University.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

The Eithel Bray Rose Scholarship Fund

The Eithel Bray Rose Scholarship Fund was established 1992, by the Board of Trustees of The Ohio State University, with a gift to The Ohio State University Development Fund from James D. Irwin (B.S.Bus.Adm. '50) of Redondo Beach, California.

October 2, 1992 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Eithel Bray Rose Scholarship Fund (contd)

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used for scholarships and awarded to students majoring in Home Economics Education and teacher education specifically. This scholarship is not meant to assist the affirmative action programs of The Ohio State University. Students shall be selected by the chairperson of the Department of Home Economics Education in conjunction with the College of Human Ecology Scholarship Committee and in consultation with the University Committee on Student Financial Aid. Preference shall be given to categories of students who are under represented in the scholarship awards otherwise made by the Scholarship Committee and the Office of Student Financial Aid.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

Vice President of Agriculture Discretionary Endowment Fund

The Vice President of Agriculture Discretionary Endowment Fund was established October 2, 1992, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the Siegenthaler family, with proceeds from the sale of their farm in Gallia County.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide support for units within the College of Agriculture at the discretion of the Vice President for Agricultural Administration.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donors.

Change in Name and Description of Named Funds

The Margaret Speaks Vocal Scholarship Fund

The Margaret Speaks Vocal Scholarship was established July 12, 1985, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from the family of Margaret Speaks (B.A. Arts '25), soprano, in her memory. The name and description were revised October 2, 1992.

October 2, 1992 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Change in Name and Description of Named Funds (contd)

The Margaret Speaks Vocal Scholarship Fund (contd)

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be awarded on the basis of musical talent as follows: one-half of the annual income, or not more than \$5,000, shall be awarded to an Ohio State University School of Music female senior or graduate student who has demonstrated career potential in vocal music and either plans further study in graduate school, or pursues vocal training with a recognized teacher, or seeks affiliation with a professional music company. If there are no candidates for the award in any given year, the earnings are to be added to the principal. The remaining one-half of the annual income shall be used to provide a minimum of one full tuition scholarship per year to an undergraduate female voice major with the balance being carried over for the following year.

Recipients shall be selected by the Director of the School of Music and the appropriate music faculty, in consultation with the University Committee on Student Financial Aid, and as approved by the Dean of the College of the Arts.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees after prior consultation with the family of John C. Speaks and the appropriate college official responsible for academic programs in the School of Music in order to carry out the desire of the donors.

The Oley Speaks Memorial Scholarship Fund

The Oley Speaks Memorial Scholarship Fund was established March 7, 1958, by the Board of Trustees of The Ohio State University with gifts from Madge Chaney Drake, Margaret Speaks Pearl, Charles Speaks, Stanford S. Speaks and John C. Speaks, Jr., the nieces and nephews of the composer, the late Oley Speaks. The name and description were revised October 2, 1992.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used for scholarships in the School of Music or other departments of the creative arts at the University. Selection of the recipient(s) shall be made by the Director of the School of Music, in consultation with the University Committee on Student Financial Aid, and as approved by the Dean of the College of the Arts.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees after prior consultation with the family of Oley Speaks and the appropriate college official responsible for academic programs in the College of the Arts in order to carry out the desire of the donors.

October 2, 1992 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

THE OHIO STATE UNIVERSITY FOUNDATION

Approval of Description and Establishment of Funds

The George and Edna Jaap Poultry Endowment Fund

The George and Edna Jaap Poultry Endowment Fund was established October 2, 1992, by the Board of Trustees of The Ohio State University through funds received by the University from The Ohio State University Foundation, which has established an endowed fund with gifts designated for the support of the Department of Poultry Science from R. George Jaap, Professor Emeritus, Department of Poultry Science, College of Agriculture, The Ohio State University.

Income provided by the Foundation shall be used for research support dedicated exclusively to the advancement of the poultry industry, through programs in the Department of Poultry Science in the College of Agriculture at The Ohio State University.

The J. Ray Waller and Lillian W. Waller Cancer Research Fund

The J. Ray Waller and Lillian W. Waller Cancer Research Fund was established October 2, 1992, by the Board of Trustees of The Ohio State University through funds received by the University from The Ohio State University Foundation, which has established an endowed fund with gifts designated for the support of The Arthur G. James Cancer Hospital and Research Institute from the estate of J. Ray Waller.

Income provided by the Foundation shall be used to support cancer research in The Arthur G. James Cancer Hospital and Research Institute as approved by the Director of The Arthur G. James Cancer Hospital and Research Institute and the Vice President of Health Services.

The Dr. J. Martin Byers, Jr. Memorial Fund in Family Medicine

The Dr. J. Martin Byers, Jr. Memorial Fund in Family Medicine was established October 2, 1992, by the Board of Trustees of The Ohio State University through funds received by the University from The Ohio State University Foundation, which has established an endowed fund with gifts designated for the support of the Department of Family Medicine within the College of Medicine from Dr. and Mrs. James M. Byers, III (M.D. '70), Tucson, Arizona, and other family and friends in memory of Dr. Byers' father.

Income provided by the Foundation shall be used to foster and nurture rural medicine through the Department of Family Medicine. Initially, as resources become available, income shall be used to support a rural health initiative with educational components placing students, residents and fellows in the rural setting with rural preceptors. As sufficient funds become available to adequately support the preceptor's component, the income shall also support the faculty director position in the Department of Family Medicine's rural health program. Any unused income shall be returned to the principal to promote the fund's growth. Should the funding level reach that required to support a professorship, the fund shall be so named and the income shall be used to support a distinguished professor in the Department of Family Medicine as recommended by the Chairperson of the Department of Family Medicine and the Dean of the College of Medicine to the Provost and approved by the Board of Trustees.

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October 2, 1992 meeting, Board of Trustees

### **HOSPITALS BOARD COMMITTEE REPORT**

Mr. Celeste:

On September 24 the Professional Affairs/Education/Research Committee opened its meeting with an executive session review of quality and resource management data. Dr. Tom Reilley reported on quality indicators and opportunities for enhancement of patient care in the critical care units. Dr. William Bay reviewed hospital-wide quality indicators and the goals that had been set for the past fiscal year. Dr. Bay discussed development of treatment guidelines so that the care process for various diagnoses and procedures is consistent, provides optimal quality, and utilizes resources appropriately.

In open session we received reports from the Medical Director and Chief of Staff. Ms. Judy Gilliam gave a comprehensive overview of nursing at University Hospitals and Tom Kylo reported on the recently revised federally mandated standards for clinical laboratories. Reed Fraley provided an update on the Hospitals' Human Resources, including licensure and certification, vacancies, turnover, performance appraisals, and compensation adjustments.

The Executive Committee also met on September 24. Dr. Charles Bush gave a detailed progress report on development of an integrated physician practice and a single billing system. Richard Schrock presented the August financial statement and a preliminary report on audit adjustments. This concludes my report, Mr. Chairman.

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### **STUDENT AFFAIRS COMMITTEE REPORT**

Ms. Cusack:

Good morning. I'm very pleased to report on the very positive meeting that we had in Student Affairs this morning. First we had a report from Joanne Markiewicz, Associate Director of Residence and Dining Halls. She provided information on occupancy statistics over the past ten years, and modifications made for the capacity for Autumn Quarter 1992.

Occupancy has been reduced in the Olentangy area by 50 percent and in the north area by 34 percent. Several of the 3 to 4 person rooms in the south area have been converted to double rooms. This reduction in occupancy has been very popular among the students, and provides more privacy and additional space.

The Honor's Living/Learning Program, formally housed in Taylor Tower, has now expanded onto several floors in Lincoln Tower and Bradley Hall. Two new special living/learning programs were added for the 1992-93 academic year -- the African-American Living/Learning Program and the Wellness Program. The Wellness Program, for those of you who don't know, consists of students who have agreed not to use tobacco or alcohol on the floor and then they participate in wellness programs. Both of these new programs house over forty students and the feedback so far has been very positive from students, faculty, and staff.

October 2, 1992 meeting, Board of Trustees

### **STUDENT AFFAIRS COMMITTEE REPORT (contd)**

Ms. Cusack: (contd)

Over 550 student volunteers joined staff and residents from Residence and Dining Halls, OSU Public Safety, Stores Department, Campus and Community Relations, city and county police departments, and The Ohio State University Parent Association, in a very well orchestrated effort to welcome and move in over 7,200 residents on Saturday, September 19. From all the reports I have received, it went extremely well and was a positive experience for everyone.

After our report on Residence and Dining Halls, John Hilbert from the Undergraduate Student Government brought up the reoccurring theme of parking problems for students. Also, some of his other concerns included: the EMS service, the problem with off-campus housing, including cost and conditions, and the concern with what is happening with the new Student Union. He was also happy to report -- in vain of our positive attitude this morning -- that all of those concerns are being addressed currently by the University, which is a great thing to hear. John did report that the general attitude of students on campus is very positive and upbeat. He felt the fantastic way the closed course issue was handled deserves a lot of the credit for students' positive attitudes around campus this year. USG is also at the end of Voter Awareness Week, which is going extremely well. They are getting a record number of students registered to vote to make their voices heard.

Karen Duncan of CGS also expressed concern with traffic and parking, and the safety and cleaning of the south campus residence halls where a lot of graduate students live. She also wanted me to mention the new master schedule. It was done in a different format this year and was really well received -- it made a big difference.

Greg Gorospe of the Interprofessional Council attended his first meeting to update us on what is going on with IPC. IPC seems to be up and running this year with a great deal of new organization and it seems to be working very well so far. He also mentioned the problem with parking for professional students and IPC's need for secretarial support.

Overall, the prevailing mood on campus seems to be very positive. That concludes my report.

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### **INVESTMENTS COMMITTEE REPORT**

Amb. Wolf:

The Investments Committee met this morning and reviewed the monthly Endowment Summary Report for the period August 21, 1992 through September 18, 1992. I am pleased to report that the market value of the Endowment Fund on September 18, 1992 was \$414.7 million. This total was approximately \$7.3 million above the August 21, 1992 market value and represents an all-time high. The market value of the equity portion of that Endowment Fund increased \$7.4 million and the fixed income portion increased \$150,000 during this reporting period. I am

October 2, 1992 meeting, Board of Trustees

### **INVESTMENTS COMMITTEE REPORT (contd)**

Amb. Wof: (contd)

pleased to report, also, that net new additions to the Endowment Fund for September totalled \$812,000.

Since July 1, 1992, the Endowment Fund has increased in market value over \$12.7 million, which included net new additions of \$1.5 million. That means that the market value, not counting the new additions, was up about \$11.2 million. The current asset allocation for the Endowment Fund is 57 percent invested in equities; 27 percent invested in fixed income securities; 9 percent invested in real estate; and 7 percent invested in cash or cash equivalents. We will be holding our annual review of the Endowment Fund's fixed income advisors this afternoon from 12:00 noon until 4:00 p.m. And a report on that review will be presented to the Board at the November meeting.

Finally, the Committee heard a presentation on The Ohio State University Foundation. As of June 30, 1992, the Foundation's market value was \$18.5 million. The Endowment Fund, as you may know, invests about \$15 million of that \$18 million for the Foundation. That concludes this report, Mr. Chairman.

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### **AGRICULTURAL AFFAIRS COMMITTEE REPORT**

Mr. Colley:

The 1992 Farm Science Review, which is Ohio's largest outdoor education exhibition, broke attendance records this year with 129,850 visitors -- arriving by 895 buses, 41,910 cars, and 177 private aircraft. The highlight was an opening day luncheon and Ms. Casto, Mr. Celeste, and I were privileged to hear Dr. Gee and Dr. Moser address an audience of 400. Earl McMunn, Roland Leeper, and James Yingling were inducted into the Farm Science Review Hall of Fame.

Mr. Chairman, that concludes my report.

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### **ACADEMIC AFFAIRS COMMITTEE MEETING**

#### **PRESENTATION ON FACULTY WORKLOAD ASSESSMENT**

Mr. Kessler:

We are pleased to have the Academic Affairs Committee meeting with the full Board this morning. We think we have developed an agenda today that will be of interest to all of you and so we appreciate you being here for our Committee. I would like to call on Provost Joan Huber to introduce our agenda. Joan --

October 2, 1992 meeting, Board of Trustees

## **PRESENTATION ON FACULTY WORKLOAD ASSESSMENT (contd)**

Dr. Joan Huber:

Thank you, Jack. Mr. Chairman and members of the Board, I would like to introduce Professor Nancy Rudd, Associate Provost in the Office of Academic Affairs, and turn the meeting over to her.

Professor Nancy Rudd:

I am very pleased to meet with you this morning on a topic that I know is very much on your minds, on the minds of the Governor and the Legislature, and on the minds of the general public -- faculty workload. What we are going to do today is provide you with a little more background beyond what you received in your agenda materials -- with respect to what we mean by faculty workload policy and what the Office of Academic Affairs will actually be doing this year with respect to developing such a policy. I also have some faculty members with me who are willing -- and actually quite delighted -- to talk with you about what they do as faculty members.

There are actually several benefits to developing a faculty workload policy that have led us to decide that we are going to do this, beyond responding to public pressure and to the recommendation that is in the State-wide Managing for the Future Task Force. One of those benefits -- and this is a benefit to faculty themselves -- is that it enables faculty to know exactly how and why work is being distributed in a particular way within their department. Another benefit, which I am sure you will resonate with, is that it provides a mechanism for assuring that all faculty carry their fair share of the workload. The third benefit -- which, I think, is particularly important now given public concern about faculty workload -- is that it does provide a mechanism for monitoring a workload and for generating statistics with respect to how much faculty are teaching.

What is a workload policy? It basically is a policy built around course assignment. For example, a policy will say what the minimum and maximum course load assignment is for a particular department, what an average course load assignment is, and how that assignment will vary given department-sanctioned activities with respect to research and service for individual faculty members.

Some departments and colleges in the University already have policies. Whether they will fit exactly the kind of criteria that we are going to ask departments to meet, with respect to these policies, remains to be seen. But this is not something brand new. Our goal is to have all departments -- or in some cases colleges, which may choose to deal with this at the college-level -- have these policies by the end of the year. In order to accomplish this, the Office of Academic Affairs will try to have its guidelines for departments in place by the end of this academic quarter, so they can begin to work on these policies Winter Quarter. They will have them approved by deans and the Office of Academic Affairs by the end of the academic year, and then they will be implemented for the next academic year.

Today I have some faculty with me, as I indicated, to talk with you about their workload: Jennie Nickel, Associate Professor from the Department of Family and Community in the College of Nursing; Susan Fisher, Associate Professor in Entomology; and Randy Smith, Associate Professor in Geography. A fourth person, Professor Bruce Bursten from Chemistry hopes to join us before the session is over, but he is teaching right now. I am sure you didn't want him to

October 2, 1992 meeting, Board of Trustees

**PRESENTATION ON FACULTY WORKLOAD ASSESSMENT (contd)**

Professor Rudd: (contd)

leave his class, and, indeed, Susan has to leave before this session is over because she has to teach. I might add that I am tired today, because I taught last night.

President Gee:

Nancy, a couple of things -- I think to make this discussion a little bit more meaningful for everyone -- I hope our colleagues wouldn't mind if people just chimed in with questions. I know that Mr. Shumate had a question for you. And anyone else who wants to grill Nancy, it is a welcome change for us.

Professor Rudd:

We do want to keep this informal and while these individuals have been asked to prepare some very short comments, I have told them that at any point they might have to stop talking and answer questions. So we are at your service. Do you have any questions for me?

Mr. Shumate:

You mentioned that several departments currently have policies. Approximately how many departments are there and how many departments currently have workload policies?

Professor Rudd:

There are approximately 122 departments in 19 colleges. I don't know the answer to your question on how many departments currently have workload policies, but I am currently in the process of finding out. I am aware of two colleges and two departments that have such policies. I suspect that with respect to departments the number is much higher than that, but I don't know at this point. I have asked one of my staff members to survey departments to find out.

Mr. Shumate:

Thank you.

Professor Rudd:

With that brief introduction, I would like to turn to the faculty. I have asked them to be brief -- knowing that you will want to ask your own questions. Each of them will highlight something they particularly want you to know about. Do feel free to chime in with questions at any point.

I am going to ask Randy to start, because Randy was on the State-wide Task Force for the discussion of faculty workload issues, which was attached to the State-wide Managing for the Future Task Force. He has had occasion to think about workload well beyond the fact that he works about a 70-hour week most of the time.

## PRESENTATION ON FACULTY WORKLOAD ASSESSMENT (contd)

Professor Randy Smith:

I appreciate the opportunity to be here today. Nancy has asked us to really just focus on two main components, and I gather that each of you has a one page sheet from each of us. So let me just walk my way through this for a couple of minutes.

One of the responsibilities that we felt we needed to address in the state-wide issue on faculty workload was to simply inform other people what the components of our actual workload are. You will notice at the top of my sheet that there are three categories: instruction, research, and service. When I came to Ohio State, and during every annual review process, it is these three components of my record that are evaluated. That goes on every year.

So for me what instruction means is five courses each academic year to a total of about 300 students. You can see that I teach four general education curriculum courses totalling near the 300 themselves. I have two big classes of 100 students each that are primarily freshmen and sophomores; I have two upper-level classes that are primarily juniors and seniors; and I have one graduate-level class, which is typical in our department, and that may have ten graduate students in it. So of my 300 or so students, really all but ten of them are undergraduate students. I have the balance between freshmen and sophomores and juniors and seniors.

I also serve in an instructional capacity as the coordinator for our big 200-level course. That means that I oversee nine or ten other sections of the class beyond the ones that I teach -- nine other professors or senior graduate students and about 800-900 students. When something goes wrong in another section, it is my phone that rings. In addition to that kind of undergraduate work, I currently have three Ph.D. students, one M.A. student, and one undergraduate honor's advisee as part of my teaching load. So that is what instruction means in terms of my workload each year. And the five courses never vary. They may not be exactly the same five courses, but I have a five-course load as does everybody else in my particular department.

On top of that the other element of my responsibilities is research. My main area is urban geography. I am particularly interested in the quantitative analysis of the linkages between urban growth and economic development. I am also interested in -- and have been fairly active in recently -- geographic education. This is the identification of basic concepts and methods to help bring geography back to the K-12 curriculum. I have been working the last couple of years with a lot of Ohio teachers, helping them in terms of bringing geography back. I am also currently working with about \$160,000 in grants for my research work.

Now, I tie research and instruction together as most faculty do, and so the work that I am doing in my own area, urban geography, gets translated into my urban geography class. It also gets translated as I work with my graduate students on a one-to-one basis throughout the academic year. On top of that it is service, which is the third component of my record.

The longer you are at Ohio State and the more you become involved in activities, the more likely you are to become more heavily involved in service. I have a service record that deals at the state, university, and department levels. Let me give you a couple of examples: I am Co-Chair of the State-wide Committee on

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**PRESENTATION ON FACULTY WORKLOAD ASSESSMENT (contd)**

Professor Smith: (contd)

Transfer and Articulation, that is the committee that is making it easier for students to move from one institution to another and transfer credits. At the university-level this year, I will chair the Council on Admission and Registration; and in my department I serve in several capacities elected to different committees.

Those are the basic components of my workload. They are the things that I was told I would have to do when I came here, and they are the things that I am evaluated on every year when I meet with my chairperson. That translates itself into what you see at the bottom of the sheet. It is interesting that someone would actually ask you to do this because you aren't normally sitting around counting up hours of different kinds of activities, but it is interesting to actually apportion your workload the way that we were asked to do. Over half of my time this quarter -- about 35 hours -- is given over to instruction. I am in the classroom 8 hours, I have 4 office hours, I have course preparation and grading to do, undergraduate advising to do, and graduate advising. These are all part of the instructional mission. So well over 50 percent of my time is in instruction in some way.

My research involves collecting and analyzing data, typically census data; it means reading and writing my research papers; revising papers that come back that I have sent out that need revision; and also reviewing papers and proposals. Because faculty at Ohio State are well known for their research record, they are asked to review other people's proposals and papers. That takes time if you take it seriously. So another block of time goes into research.

Then for my service commitments, I probably spend about six hours a week in full committees. Then because I chair a couple of committees, I spend another six or so hours preparing for them and getting materials ready to go. So on a typical full week, say in Autumn Quarter 1992, my workload could be as high as about 60 hours per week. In another quarter when the makeup of my workload will change a little bit, it might be 50-55 hours. But it is typically a 50-60 hour per week workload.

Professor Rudd:

Do you want to ask Randy any questions?

Mr. Celeste:

Where would your time spent coordinating the 200-level course go in this little chart?

Professor Smith:

I put it into instruction. Because what it means is that I have to go out and visit the classes of other people who are teaching, particularly senior graduate students. I could put it under service, but it really goes under instruction.

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**PRESENTATION ON FACULTY WORKLOAD ASSESSMENT (contd)**

Amb. Wolf:

These reports that we are hearing are they based upon a nine-month year, ten-month year, or what?

Professor Smith:

I am a nine-month faculty member.

Amb. Wolf:

And the other three months?

Professor Smith:

Keep in mind that with about 50-60 percent of my time going into instruction throughout the year, the other components that I have, particularly research, need to be fitted into other times when I am not in front of the classroom. During the regular academic year, that is evenings and weekends back in the office working. For me the summer quarter is typically my research quarter, but it is not as if that is all I am doing throughout the summer. Other sections of my 200-level class are being taught in the summer and I have to continue to coordinate them. Although I am on a 9-month contract and using most of the summer months for my research, I am back in classes again throughout the summer monitoring other peoples' teaching. My committees also continue to meet throughout the summer. Even though I am on a 9-month contract, I am working more than nine months during the year.

Mr. Skestos:

The important thing is that you get paid on a 9-month contract and there is another that is an 11-month contract. Isn't that right?

Professor Smith:

Yes.

President Gee:

I might note that my office happens to be on the second floor of Bricker Hall and Geography, where Randy resides, is on the first floor. I am certain that I can say this about Susan or anyone else, but I come in on weekends very often because I am paid to come in on weekends -- recovering from whatever we are doing -- and Randy is very often there.

One of the things that he didn't talk much about -- which I think is one of the most important things that Professor Smith does -- is that he is developing a state-wide program for teaching geography in the public schools. This is an enormously important concept. He spends a lot of his weekends bringing people in from around the state -- other teachers of geography, from the university, college and high school levels. As you know, the issue of our sense of geography -- most people, as I point out, know Michael Jordan but they don't know Amman, Jordan.

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### **PRESENTATION ON FACULTY WORKLOAD ASSESSMENT (contd)**

President Gee: (contd)

Randy is trying to correct that in this state -- we desperately need that type of work with the public schools. So, again, his is really a very full schedule and I observe it personally.

Professor Rudd:

Susan --

Professor Susan W. Fisher:

Good morning, everyone. I guess the Governor seems to be in somewhat of a carnivorous mood these days when it comes to higher education and that is the result of several difficulties. One is the lack of money, but also the perception that faculty just don't teach enough or perhaps we don't even work hard enough at all.

I think my own case may be illustrative of what the Governor considers to be the problem. When I came to OSU in 1981 I was assigned to teach four courses per year. As my research obligations grew over the intervening decade, my formal teaching obligations dropped to about two courses per year. So you are entitled to ask, certainly, what is it I do with the rest of my time?

Well the big mitigating factor in my schedule are my research obligations. You have a document in front of you summarizing most of those. I currently have two major research interests and they are: determining the fate of chemicals in the environment and the control of zebra mussels. Both, I think, are directly relevant and beneficial to the citizens of the state of Ohio.

Currently, I am the principal investigator for a total of eight federal and industrial grants totalling somewhere around \$1.6 million. Among other things, I am able to employ 11 Ohioans with that money. Now the research under these grants involves a number of different collaborative efforts, both inside and outside of OSU. You have a summary list of those things. I might mention, in particular, my research with Dr. Pierre Robitaille in the Department of Radiology. We are using magnetic resonance imagings to look at the internal portions of zebra mussels. This is a technique normally used for the diagnosis of human disease and we've expanded its purview somewhat to include zebra mussels. We are also doing electrocardiograms on zebra mussels with colleagues in Veterinary Medicine, and most days we have to wonder if a Proxmire award can be far behind.

Probably the most important aspect of my research is my work with students. Currently, I have 12 graduate student advisees -- that constitutes 8 Ph.D. students and 4 master students. I also advise and support 2 post-doctoral researchers. These people are the backbone of my research effort, and that has been quite productive. This year alone we are going to submit ten manuscripts to the top journals in my field. Each manuscript is about forty pages long, so that is 400 pages, or basically a book, every year. I have given 18 invited papers and seminars during the past year, and three of them were prestigious Sigma Xi lectures, which is the scientific honorary society. My students and I have also contributed 15 papers to international scientific meetings over the past year.

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**PRESENTATION ON FACULTY WORKLOAD ASSESSMENT (contd)**

Professor Fisher: (contd)

The student advising takes an enormous amount of time. This time is spent on one-on-one interactions with the students where we try to challenge the students to develop hypotheses; encourage them to explore new methods of testing those hypotheses; and basically help them acquire the capacity to distinguish between good science and bad science. Unfortunately, this is a very slow process. You have to allow time for the students to make mistakes, but the importance of that process cannot be overstated. It was one such mistake that resulted in our discovery that potassium can kill zebra mussels, and we have gotten several hundred thousand dollars in grant money to explore that "mistake."

We don't really have a name for this process other than calling it student-advising, but I would tell you that it is teaching and we do an awful lot of it. In any given week I probably spend 20 hours talking to my graduate students, and that is exclusive of the time I spend with my colleagues in these interdisciplinary efforts. Now it would go a lot faster and I would be a lot more efficient and productive if I could just higher technicians and post-docs to do this work. But if I did that, I should be working at Dow or DuPont. The critical and fundamental difference between industrial and academic research is graduate students and the teaching we do with them. So if we include that teaching effort in with my formal teaching effort load, I probably spend 30-35 hours a week teaching.

That brings me to the issue of workload in general. For the past few years, I have been putting in between 50-60 hours per week. During 1992, the average was much closer to 60 hours. I do confess I took 36 hours off during the month of April to have a baby. And although I had --

President Gee:

How many hours?

Professor Fisher:

Thirty-six. That was my time in the hospital.

President Gee:

That flew past me!

Professor Fisher:

Was that too much?

President Gee:

We'll have to talk about that!

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**PRESENTATION ON FACULTY WORKLOAD ASSESSMENT (contd)**

Professor Fisher:

O.K. I did have eight months worth of sick leave stored up, but, unfortunately, I had to start coming in part-time after a week. Within two weeks I had to give a paper in Nashville, and I was back full-time within 3 1/2 - 4 weeks. During May to September -- this is my off quarter on a 9-month appointment -- I spent three to four days a week travelling to various research sites around the state. Also, since it took two days a week to handle what was happening in Columbus, inevitably one of my weekend days went into OSU, which I was happy to do. But the point is, I think, we are all working pretty hard. We are trying to do more with less, but unfortunately there are only so many hours in a week and this is how we allocate them.

President Gee:

I might note -- this is interesting -- Susan is being very modest -- the problem of the zebra mussel is a \$14 billion problem for the state of Ohio. That is the impact along the shore of Lake Erie. Susan, with a very modest investment by University resources and state resources, has made a dramatic impact on that business. If we were to pay Susan -- as we would in the private sector -- some kind of a bonus for money she has saved the state of Ohio, she could take 36 years off to have a baby or anything else she wanted to do. This work is enormously important and has a direct impact on the quality of life and, more importantly, on the business activities of this state. I think, Susan, it would be interesting for you to explain your research and the mistakes that were made, which led to the discoveries you've made.

Mr. Skestos:

I wanted to ask you a couple of questions about teaching. Your teaching is a little different than Randy's. You're teaching more on the graduate-level in the research facilities, and you are working with these graduate students, so that is obviously teaching, too. You are enhancing them by participating with them. You mentioned that you are now teaching two courses per year, are those freshmen or graduate courses?

Professor Fisher:

I alternate years with two graduate-level courses, and my other regular assignment is a Biology 597 course, which is an undergraduate audience.

Mr. Skestos:

You teach that twice during the three quarters?

Professor Fisher:

I teach Biology 597 once per year and then I teach one of the graduate-level courses also during the same year. So that is two courses per year.

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**PRESENTATION ON FACULTY WORKLOAD ASSESSMENT (contd)**

Mr. Skestos:

O.K. And how many graduate students do you have working with you in your research?

Professor Fisher:

Twelve students.

Mr. Shumate:

Susan, both you and Randy -- and maybe all of the speakers will get to this -- really raise the issue of how we define teaching or instruction. I think part of the misconception that has developed recently is that many people look at teaching and instruction as just the time in the classroom, but it really has a much broader definition. Do either one of you want to expand on that?

Professor Fisher:

I would have to simply agree with your statement -- that we teach every time we sit down with a graduate student, go through the data, and try to make sense out of what was done. To be honest, 90 percent of the time we are trying to figure out what went wrong and how we can correct it. I don't know what other label you could put on that besides teaching. Since I spend an awful lot of time doing that, I feel like I am contributing a lot to the art of teaching.

Professor Smith:

I will agree with that, particularly when you are dealing with large numbers of undergraduates in a class. This quarter for example I teach from 8:00 - 9:30 a.m. in a big introductory course. To go into that class -- and there is a full range of students in there from first quarter freshmen to graduating seniors -- most of them are freshmen and sophomores. Even if you are teaching that class on a regular basis every quarter, there still is a considerable amount of preparation going into getting ready for that class each day. You change the class as you go from quarter to quarter, because you don't necessarily teach the same thing all the time. There is a lot of preparation going on, and a tremendous amount of follow-up. You have 100 students for whom you are the principal instructor and they need a lot of follow-up -- whether it is grading their papers and getting them back quickly or whatever. So just to focus in on how many hours you actually are in the classroom each week is really doing a disservice to the teaching function. Teaching includes so many other components that most people wouldn't know anything about.

Ms. Cusack:

Do you feel that trying to get too much research done, or doing too many of those kinds of things, takes away from the time you spend on classroom activities and with students?

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### **PRESENTATION ON FACULTY WORKLOAD ASSESSMENT (contd)**

Professor Fisher:

I would have to say in all honesty -- yes. It was particularly acute when I was teaching a Biology 101 class with 500 students in it. If only 10 percent of the students wanted to see me any time during the quarter, then that soaked up a significant period of time. At times the logistics could be daunting. As always, and with most jobs, we are trying to achieve a balance and we do the best we can -- which is not to say we couldn't do better.

Professor Smith:

You have to accept that point, I think, often grudgingly. It takes awhile to accept it. In the beginning you want to be doing all things at all times for all people, and it just doesn't work that way. If you have a big teaching assignment in a particular quarter, as I do this quarter for example, that means something else is going to give somewhere. It is up to me, in terms of my faculty responsibilities, to make sure that what gave this quarter gets picked up again in another quarter when my teaching responsibilities might not be as heavy. Once you are on the faculty awhile, you learn how to start balancing these more effectively. But I think it is an appropriate question and a valid one.

Mr. Skestos:

As I am listening to both of you speak, you are teaching me a little bit about teaching. In other words, teaching is not necessarily just going into the classroom where you have 20 or 30 or 50 students. You can be teaching, obviously, in research -- because there you are educating and developing graduate students so they themselves can go out and hopefully do some of the things that you are doing now with other students. So, really it depends upon the course, the type of course, and what activity within that field that you are doing. Whether you are in the classroom or laboratory, you are still teaching in many cases.

President Gee:

George, I think that is one of the hardest concepts that we have to get across in the University setting. I often use as an analogy -- we have had an ongoing discussion with our students regarding the issue of semesters and quarters. Well we certainly have had it with our faculty, and I can say that that is split. We have decided not to pursue that as aggressively, simply given our budgetary problems. Our students are strongly in favor of the quarter system, because that is what they have known their whole lives. So very often when people think of teaching they think of it within the four corners of public education. This is not to detract from public education, because they do a very important teaching function. But their responsibility is simply to pass on knowledge in some appropriate way and to stimulate young minds.

You have to understand that 80 percent of the basic research in this country is done at universities. We are not the Japanese, we are not the Chinese, we are not the Russians, we are not the Germans -- where they have these research activities that take place in centers and institutes that are not based in universities. Eighty percent of the basic research in this country is done in universities -- 80 percent of that research is done at 50 universities. So we have 3,600 colleges and universities

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**PRESENTATION ON FACULTY WORKLOAD ASSESSMENT (contd)**

President Gee: (contd)

in this country and almost all of the creative activity in this country takes place within a small confine of about 50 universities -- of which Ohio State is one of them.

So when you think of teaching in this University, you have to think of it in the context that we have a double responsibility in terms of the national commonwealth. One is the creation of knowledge, which takes place in Susan's laboratory and Randy's geography program as he is working with these students, and then passing it along.

We need to work very hard to get people to understand that if we are going to be competitive as a nation, someone needs to come up with new ideas. It is the issue of that teaching with those graduate students that stimulates that. So my view is fundamental teaching -- because it is the creation of knowledge and then the passing of that knowledge -- that is so enormously important and fundamental to the enterprise.

I also use the analogy that if we only judged a preacher by the time he spends at the pulpit, he doesn't work very hard -- or legislators by the time that they spend on the legislative floor, they are not working very hard -- or university presidents by the time they spend at university trustees' meetings, they are not working very hard. But as you well know as a trustee, there is all that comes in and then goes out which is all a learning and a teaching function. We need to do a good job at explaining this. Again in the confine of those 50 universities, this is where the future, in terms of the creative spirit, is being developed. If we lose that, we lose our capacity to compete.

Ms. Cusack:

I just want to say that I thought Randy brought up a really good point about a faculty workload policy, when he talked about balance. I think that is the important part right there. If the research is taking away from their time to work with students, that is where the problem is. The timing and balance are the most important --

President Gee:

That really is what Nancy and everyone is looking at -- how do we bring about that balance so we don't lose that competitive edge? But, also, that the student is the primary focus of that passing of knowledge side which comes from the creative side, so that the two of them combine better.

Mr. Celeste:

Isn't there a secondary issue? We are talking about what constitutes teaching. Another concern of folks -- looking from the outside or sending their kids to school - - is who is teaching? One of the issues would be -- Randy, for instance you are coordinating 8 or 9 classes -- who is teaching those courses?

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### **PRESENTATION ON FACULTY WORKLOAD ASSESSMENT (contd)**

Professor Smith:

About half of those courses are taught by faculty in our department and the other half are taught by our senior Ph.D. students. I can speak just from the point of view of my own department, but we have had a policy in our department that all faculty are involved in all levels of teaching. We have always been quite proud of that as a department. I am at the associate rank and I am teaching this level -- so are assistant professors, and professors who have been in the department for 20 or 30 years. So the whole range of us are teaching virtually at all levels. In that particular case, about half are faculty and half are senior Ph.D. students.

Dr. Jennie T. Nickel:

Nancy suggested that I enter the discussion regarding the integration of teaching, research, and service. I will also discuss who is teaching the classes. I am Jennie Nickel and I am with the College of Nursing. I have been here six years and I, like all the faculty members in the College of Nursing, teach undergraduates as well as graduates.

We have an undergraduate level course taught every quarter of the year that has 45-50 students per quarter. They are all out in the community working with about 35 different agencies. This business of trying to find clinical placements for each student -- two clinical placements each quarter -- really drives a lot of what we do as far as research and service as well.

I would like to give a couple of examples of this: one has to do with what you see on my handout -- the research on pediatric immunizations. I did bring the article that was in today's Dispatch. Believe me this was coincidental, we did not do this intentionally.

We did the research that was drawn on in this article, in terms of detecting the immunization level of two-year olds in Franklin County. We did the initial survey of mothers of two-year olds, and also an additional study was done by the Ohio Department of Health looking retrospectively at immunization records of children at school entry. The point that I wanted to make was we came into this from the research dimension. It was initially a project funded for Steve Loebs in Hospital and Health Services Administration. He asked Pam Salsberry and I, in the College of Nursing, to do the piece on pediatric immunizations. We decided we would go ahead and survey these preschoolers -- we didn't think that they were getting what they needed to have. We used some of the masters students to help us conduct this survey and we were shocked at what we found. The service dimension comes into play now because the Health Department used this information to get funding for a mass immunization campaign to try to get our preschoolers immunized. We will come back in now, using our undergraduate students to staff some clinics. So I think that is an illustration of how research, education, and service can all work together and build on each other. We will also use the study design with our graduate students in terms of trying to help them understand how we do this kind of work in reality.

As far as who is teaching our students -- in the theory piece we have tenured faculty, or faculty on the tenured track, doing all of the lectures. We have graduate students doing much of the clinical supervision in the community agencies, strictly

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### PRESENTATION ON FACULTY WORKLOAD ASSESSMENT (contd)

Dr. Nickel: (contd)

because we have them out in so many places: doing home visits; working in clinics; working in industries; and working in schools. We are then able to use our graduate students, all of whom are registered nurses and baccalaureate graduates, in small groups to give our students some extra clinical supervision. That is the way we operate in the College of Nursing.

Professor Rudd:

Any other questions for these people? Bruce has now been able to join us from his class. Bruce --

Dr. Bruce E. Bursten:

I apologize for being late, but I bring you greetings from 60 extremely bright freshmen in honors general chemistry. When Nancy approached me about this and I saw I had the class conflict, I told her that my students were more important than the Board of Trustees, but that I would get here late.

I don't know what Randy said and I only heard part of what Susan said, but I can echo some of their thoughts. I am from the Department of Chemistry and I want to make the point that the Governor's misinformation notwithstanding -- we are a nationally and internationally renowned department. Some of us were very sensitive to the editorial in The Dispatch some months ago.

The typical classroom teaching load in the Department of Chemistry is one course each quarter per faculty member. One gets very use to answering questions from alumni and friends who happen to have gone to Ohio State that say, "What do you do with your other 37 hours a week when you are only in the classroom for three hours a week?" And my usual response is, "God, I only wish it were 37 hours a week that I had!"

As you can see by my breakdown, which is reasonably accurate, it is very hard to come up with good numbers since the activities that we do are so varied. There is a lot of our activity that is involved in teaching that is outside the classroom. I have the feeling that I am just repeating what my colleagues have said. Classroom teaching is a great joy. I think that anybody who becomes a faculty member at a university must love to teach in a classroom -- that is obviously one of the goals that we want to achieve. People that don't want to teach in the classroom, probably shouldn't be faculty. That is one of the problems, I think, that face us. There is a misperception, I think, among a lot of people that "professor" is just a name given to a teacher who happens to work at a college or university. I think there is a lot more to that. Dr. Gee made the point about knowledge and, I think, that is what really ties us together -- the deep love of knowledge -- both the uncovering of new knowledge and the dispensing of old and new knowledge. That is what we try to do.

Currently in my lab I have a junior chemistry major who was a student of mine in honors general chemistry two years ago. He got interested, he got excited, and he wanted to do undergraduate research. He is doing great stuff with computer graphics in chemistry right now and this is even before he has had the courses that

**PRESENTATION ON FACULTY WORKLOAD ASSESSMENT (contd)**

Dr. Bursten: (contd)

really he should have had to do this work. He is just enthusiastic and bright enough to do this.

We have a first-year graduate student who came out two summers ago from Trinity University. He spent the summer doing research with us under the auspices of our research experience for undergraduates program that we have in the Department of Chemistry. He was subsequently awarded a National Science Foundation predoctoral fellowship and chose to come to Ohio State over Berkeley, Stanford, Cal-Tech, and Chicago. That is what we like to see happening.

In terms of my activities -- I love teaching and I love research. You have undoubtedly heard about the linkage between research and teaching -- that we need to do research to be good teachers, and we need to teach to be good researchers. There is no doubt about that, but also don't doubt that there is a tension in what we do. Every time I do more, in terms of classroom teaching, that time has to come from somewhere. It comes from research. Every time I get more ambitious in our research program, that might cause me to cut a corner or two in the classroom. I don't want that to happen. Is it the case that if I did more classroom teaching, I would be more effective as a teacher? The answer is yes. If I did more research, would I be more effective as a researcher? The answer is yes. In either of those cases though would I be a better professor? I don't think so.

I think that at a major research institution like Ohio State, we have to intertwine these activities, we have to force the faculty to try and do everything. We really do.

It is hard to turn down committees. You don't want to see the University run in a poor fashion, and some of us get called on to try and make it a better place.

I look at just my activities for today. I will be going from this meeting to meeting with a graduate student from the University of Wisconsin who is just finishing up his dissertation and wants to come to Ohio State as a post-doctoral fellow. Again, that is the sort of thing, I think, Susan was making the point about post-docs -- do we view that as a teaching function? Well, post-docs from my group are now teaching at institutions such as Illinois State University, and they are sending undergraduates from Illinois State to do graduate work at Ohio State. They end up giving a broader perspective to our undergraduate students through either teaching assistants or colleagues in the lab, and I think we really broaden the base of what we see at Ohio State. After that, I am going to be sitting on the final oral examination of one of our Ph.D. students from Ohio, who has completed a very nice dissertation. After that, I have some committee work to do, and after that, as I have put on my breakdown, I would really like to have a few minutes to think about science. The hardest thing, with all of the activities, is to find the free time that one was used to as a graduate student and a post-doc to just think about science. I think that it is something we are all trying to work with.

To point out one other thing -- I go back to this shock that people feel sometimes when they hear about our teaching load in chemistry; they describe it as shockingly low. The University of Chicago, where I was an undergrad, was also on the quarter system. Chemistry faculty there teach only two out of the three quarters a year -- one course per two quarters. So our classroom teaching load is 50 percent larger than that at the University of Chicago. I think this also tends to be somewhat market-driven. The standard teaching load in research-intensive departments, like

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### PRESENTATION ON FACULTY WORKLOAD ASSESSMENT (contd)

Dr. Bursten: (contd)

chemistry, is one course per term or less. I'm not sure if that is right, but that is what it takes here in order for us to be competitive on the research side, and I think that is what Ohio State wants.

Mr. Skestos:

In listening to all four of you, I have sort of narrowed it down and I want to see whether I'm right in my own mind. You are all saying, essentially, that you feel teaching -- that the amount of time you are spending should be somewhere around 50-55-60 percent. You are saying that teaching is not necessarily just the time in the classroom, but it could be working with your graduate students, preparing for them, etc. You are also saying that you can't be a good teacher unless you are also doing research -- coming up with new things so that you can present those to the students. So your research is as important to teaching, as your teaching is to your research. So they work hand-in-hand. You can't just go out and teach all of the time and be a good professor in the University. You need to balance the time for research and teaching so that you are a better teacher. Is that right?

Dr. Bursten:

That is very much the case. We sometimes view classroom teaching without realizing where do we want the students to end up, especially our undergraduate students. In the classroom teaching we are trying to dispense knowledge, but I would like to think that we do more than that. I would point out that -- again, I choose my undergraduate chemistry majors as people I like to use as examples -- one of my students, from a few years ago, is currently a Department of Defense Fellow in the Department of Chemistry at Cal-Tech pursuing his Ph.D. A student from Akron, Ohio, a few years ago, also did a Ph.D. at Cal-Tech and is currently working at Eastman-Kodak. Both of these students did research in my lab and came in thinking about doing something other than chemistry. Now I am as strong a proponent for chemistry as I am a proponent for Ohio State, so I love to see this. This is something I love dearly.

A student from one of my first year's here, came in thinking she was pre-med, got very interested in chemistry and is currently a faculty member at a small liberal arts college in Michigan. I absolutely adore seeing that. At the same time, I love getting what I got in the mail about a month ago, which was a postcard that showed the U.S. Olympic diving team. One of the members of that team, Karen LaFace, was a student of mine in Chemistry 122. She stayed in close touch and was coming from Barcelona to start medical school at the University of Pennsylvania. That to me is just as satisfying as getting a big grant from the National Science Foundation. But I don't want one without the other, and I don't think I would do either job as effectively without both of those.

President Gee:

George, I just want to add one modest caveat to what I think was a very good description you gave, and this goes to the differentiation among colleges and universities. If these were faculty members at Williams College or at Amherst or at Dennison University and they came in and said what they said to you, that would

**PRESENTATION ON FACULTY WORKLOAD ASSESSMENT (contd)**

President Gee: (contd)

be wrong because the responsibility in the small liberal arts college is to have that intensive teaching atmosphere.

Why, therefore, does the student not come to Ohio State? Well, first of all they want to be taught well, and I think, by every evidence that we have, we are teaching very well and getting better at it. We are putting a lot of emphasis on that in terms of recognition and substantive changes in that regard. The Office of Academic Affairs, Randy's committee, and several others are looking at that. But the reason they come is the fact that these four are examples of 4,000. The students have a unique experience -- in that small group of institutions -- to be involved with people who teach well, but people who are teaching well because they are also informing themselves in the frontiers of knowledge -- which is a unique experience. So, many of our students are being taught by people who are literally moving ideas from the laboratory right into the classroom. Bruce's books that he writes are the ones that are being used in the K-12 school, or in Williams, or at the other places. That differentiation is important.

One of the things that concerns me very much, is that we have too many institutions. I think when we look out there and we talk with our friends in the legislature and elsewhere, universities unfortunately are viewed as fungible commodities. We are all viewed like McDonald's hamburgers -- that everyone has the same pickles, lettuce, onions, and so forth. They shouldn't have -- and they don't have that in reality. When we try to make institutions look alike -- instead of that differentiation so the students have choice and an opportunity for a different kind of experience -- then we make a mistake. So it is very important for us to make certain that we, as one of this country's major teaching -- as we say in our mission -- and research universities -- that we are different from others. We are in that small group that has that different role and people understand that when they come. That is what makes us unique.

Dr. Nickel:

I would just add another thing. We have undergraduate students doing community assessments and setting up a data base with information about vital statistics from census information and from their own observations about health status and health services in each census track in Franklin County. Then they enter this on the computer. We are really developing a computerized data base which is unique -- there is not one out there. It allows us then to aggregate census tracks to look at certain neighborhoods.

We set this up as a project that involved more than one college of nursing here in the county. What happened was the others kind of faded away and we went ahead and did it. I think that the issue was skills and research skills. We had the research skills to go ahead and do it, and our students had the benefit of participating in that project. The students at some of the other colleges did not, because their faculty really didn't have that kind of expertise. So when I look at what the students are getting coming through our program, it may be that our tuition is less, but my sense is that our students are getting more than they might in some of the other places.

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### PRESENTATION ON FACULTY WORKLOAD ASSESSMENT (contd)

President Gee:

Mr. Chairman, it strikes me that this is such an interesting subject that we may want to have the opportunity to have more of these open discussions regarding these types of issues. I think our time is slipping away and unless there are further questions, we might want to move along.

Mr. Shumate:

I have one general question which we might get asked. Listening to the four of you, you represent the University excellently. You articulately set forth the balance between teaching and research and you also have public service. How representative, if this is a fair question, do you feel you are of the faculty in general of this University?

Professor Smith:

Does it mean that everybody on the faculty has the same kind of record in these three areas that all of us do? The answer is no. But my experience -- I have done a lot of work across the campus and on different kinds of committees. I know an awful lot of faculty outside my own college. One of the great experiences for me in coming to Ohio State and staying here has been the ability to interact with a set of people who really think -- outside of my own department, outside of my own college -- the same way I do about being a professor.

When you make the decision to become a faculty member you are really looking at combining teaching with research. You want to be a teacher. One of the frustrating things for me is when people say, "You are not doing enough teaching," and "undergraduates aren't being taught enough." I know that part of my responsibilities is teaching, and I know that I became a professor, in part, to be a teacher. And I know that most of the other people that I work with did the same thing. But at the university-level, you have to combine that with research. So, does everybody have the same record as we do -- no. But most people that I know -- I think a really increasing number at the University -- think the same way we do about these three kinds of activities. There may be some slight alterations in the research, teaching, and service components in any one quarter, and, then, changing again by quarter. I think if you went around the campus, you would find people who have records very much like ours. And if I didn't think that way, I would tell you that, too.

Dr. Bursten:

I agree with Randy. I have been fortunate enough to get teaching awards while at Ohio State. I think I am lucky enough to have a natural style in the classroom that just comes to me, and I won't deny that I work hard, because I do. But I see my colleagues -- again, I will go back to the comparison in Chicago, which was a department that was very good to me, but I had some really god-awful teaching. There were people in the classroom who despised it and especially despised being in front of undergraduates. There are, I believe, no faculty in the Department of Chemistry who do not teach undergraduates at some point during the year. It is not something that we look at as an odious task. In my case, I am teaching honors general chemistry this quarter; I am teaching general chemistry next quarter; and I am teaching an 800-level graduate course in the third quarter. It is a joy. I love the variety and I think most of us do. Certainly there are times when my colleagues

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and I get over burdened. And we can go around and gripe about, "Oh my goodness, I

**PRESENTATION ON FACULTY WORKLOAD ASSESSMENT (contd)**

have yet another lecture to give and I have to write a quiz, then an exam and all of that!" It sounds as if we are being unenthusiastic about teaching in the classroom.

I would just ask you to look at everything that you do and find yourself in the same situation. Are we representative -- I have the feeling we weren't quite randomly selected. But would it be hard to come up with another panel of four faculty, or another thirty panels of four faculty, or perhaps even another 100 panels of four faculty? I don't think so.

Mr. Celeste:

I just wanted to say thank you, Jack, for putting this together and seeing that it was in this form. I think the challenge for us now, as a Board and a University, is to have this same message shared with the larger public. Too often the dialogue may stop here. I think it is important, and we have learned a lot and I think we need to find ways to share it.

Mr. Kessler:

Joan or Nancy, do either of you want to add anything further?

Professor Rudd:

I would just like to thank you, very much, for listening to us. We really appreciate the opportunity.

Dr. Huber:

I'm just proud of everybody here. I think they gave the message very well and the message is that at comprehensive universities you have to do both research and teaching. I think among the four of them they expressed very well the complicatedness of that kind of balance and why it is important to do.

Mr. Kessler:

Thank you, Joan. Thank you, Nancy. Thank you all, very much. We are also proud of you and appreciate it.

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**ESTABLISHMENT OF NAMED CHAIR**

Resolution No. 93-34

Synopsis: The Academic Affairs Committee recommended the approval of the establishment of a named chair.

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**ESTABLISHMENT OF NAMED CHAIR (contd)**

WHEREAS in accordance with the guidelines previously established by the Board, the J. T. "Stubby" Parker Chair in Dairy Foods Fund was established February 2, 1990, through funds received by the University from Thomas L. Parker in memory of his father, J. T. "Stubby" Parker; and

WHEREAS the funding has now reached the level required:

NOW THEREFORE

BE IT RESOLVED, That the annual income from The J. T. "Stubby" Parker Chair in Dairy Foods shall be used to support the work of a distinguished professor whose research, teaching, and public service focus on stimulating new research into the chemical, microbial and/or engineering phases of the dairy foods industry. Appointment to the chair shall be recommended by the Vice President for Agricultural Administration and approved of The Ohio State University Board of Trustees.

Upon motion of Mr. Kessler, seconded by Ms. Casto, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**PERSONNEL ACTIONS**

Resolution No. 93-35

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the September 2, 1992 meeting of the Board, including the following Appointment, Change in Title, Appointment of Chairpersons and Director, Leaves of Absence Without Salary, Professional Improvement Leave--Cancellation, Professional Improvement Leave--Change in Date, and Recision of Notice of Appointment, as detailed in the University Budget be approved.

Appointments

Name: THOMAS L. PAYNE  
Titles: Director/Associate Dean/Professor  
Center/College/ Department: Ohio Agricultural Research and Development Center/Agriculture/ Entomology  
Effective: January 1, 1993  
Salary: \$119,748.00  
Present Position: Professor and Head, Entomology, Virginia Polytechnic Institute and State University

Name: JILL K. MORELLI  
Title: Assistant Vice President and University Architect  
Office: University Architect's  
Effective: October 1, 1992  
Salary: \$72,300.00  
Present Position: Senior Architectural and Project Administrator Dade County (Florida) Public Schools, Miami, Florida

October 2, 1992 meeting, Board of Trustees

### PERSONNEL ACTIONS (contd)

#### Appointments (contd)

Name: I. PHILIP YOUNG  
Title: Professor (The William Ray and Marie Adamson Flesher Professorship in Educational Administration)  
Department: Educational Policy and Leadership  
Effective: July 1, 1992  
Salary: \$51,612.00  
Present Position: Professor, Department of Educational Policy and Leadership

Name: JOHN A. MIDDLETON  
Title: Associate Professor  
College/Department: Education/Educational Policy and Leadership  
Effective: November 1, 1992  
Salary: \$82,500.00  
Former Position: Superintendent, Columbus Public Schools, Columbus, Ohio

#### Change in Title

Name: GERALD M. REAGAN  
Titles: Secretary of the University Senate/Professor  
Office/Department: Academic Affairs/Educational Policy and Leadership  
Effective: October 1, 1992  
Salary: \$97,935.75  
Present Position: Professor, Department of Educational Policy and Leadership

#### Appointment of Chairpersons and Director

October 1, 1992 through June 30, 1993

History of Art Mark D. Fullerton\*

October 1, 1992 through June 30, 1996

Pathology Kathryn P. Clausen

October 1, 1992 through September 30, 1996

Classics Stephen V. Tracy  
Center for Epigraphical Studies Frank T. Coulson

\*Acting

#### Leaves of Absence Without Salary

LINDA ZWINGER, Associate Professor, Department of English and Center for Women's Studies, effective Autumn Quarter 1992, Winter Quarter and Spring Quarter 1993, to teach at the University of Arizona.

FRANCIS A. LONGSTAFF, Associate Professor, Department of Finance, effective Autumn Quarter 1992, Winter Quarter and Spring Quarter 1993, to serve as visiting professor at UCLA.

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### **PERSONNEL ACTIONS (contd)**

#### Leaves of Absence Without Salary (contd)

HOWARD B. FLEETER, Assistant Professor, School of Public Policy and Management, effective Autumn Quarter 1992, Winter Quarter and Spring Quarter 1993, to provide research support for the Governor's Education Management Council.

JACQUELINE M. HARA, Assistant Professor, Department of Spanish and Portuguese (Newark Campus), effective Autumn Quarter 1992, Winter Quarter and Spring Quarter 1993, to complete her book on Goya.

JENNIFER TERRY, Assistant Professor, Division of Comparative Studies, effective Autumn Quarter 1992, to accept a Humanities Institute Fellowship at SUNY Stony Brook.

#### Professional Improvement Leave--Cancellation

W. C. BENTON, Professor, Department of Management Sciences, effective Autumn Quarter 1992, Winter Quarter and Spring Quarter 1993.

#### Professional Improvement Leave--Change in Dates

NEIL E. SMECK, Professor, Department of Agronomy, change dates from October 1, 1992, through September 30, 1993, to November 1, 1992, through September 30, 1993.

#### Recision of Notice of Appointment

The Notice of Appointment dated July 10, 1992, covering the Academic Year 1992-93 which was issued in error to Assistant Professor Amarendra Sinha is hereby rescinded.

Upon motion of Mr. Kessler, seconded by Amb. Wolf, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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### **RESOLUTIONS IN MEMORIAM**

Resolution No. 93-36

Synopsis: The Academic Affairs Committee recommended the approval of two Resolutions in Memoriam.

RESOLVED, That the Board adopt the following Resolutions in Memoriam and that the President be requested to convey a copy to the families of the deceased.

Agnes B. Flanagan

The Board of Trustees of The Ohio State University expresses its sorrow upon the death, June 3, 1992, of Agnes B. Flanagan, Instructor Emeritus in the University Libraries.

Agnes Flanagan was born January 1, 1900, in Hartford, Connecticut. She received her Bachelor of Arts degree from Colorado College and the Bachelor of Science in Library Science from Simmons College, Boston, in 1927.

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### **RESOLUTIONS IN MEMORIAM (contd)**

Agnes B. Flanagan (contd)

Before joining The Ohio State University Libraries staff on December 1, 1931, she was a Cataloger at the University of Iowa from 1927 to 1931. In addition to her work here in the Catalog Department, she did original cataloging for the Grove City Public Library, taught cataloging, classification and reference work at Gonzaga University, and was a consultant and advisor at St. Euphrasia School, Columbus, Ohio. Ms. Flanagan served on numerous Library Committees, and in general was an active and highly valued contributor to the life of the Libraries. Professionally, Ms. Flanagan was a member of the American Library Association; Catholic Library Association; Iowa Library Association; Iowa City Library Club where she served as Secretary-Treasurer; Ohio Valley Group of Technical Services Librarians, where she served as Secretary-Treasurer; Ohio Library Association, where she also served as Secretary; and the Franklin County Library Association.

One of Ms. Flanagan's strongest and valuable attributes was her extensive knowledge of the Library of Congress Classification system. She assisted many beginning catalogers in understanding this complex system.

Ms. Flanagan was a member of the Third Order of the Carmelites.

On behalf of the University, the Board of Trustees expresses its deep sympathy and sense of understanding in this loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees.

Eugene Willard Green

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on August 16, 1992, of Eugene W. Green, Professor Emeritus in the Department of Psychiatry.

Eugene Willard Green was born on June 29, 1907, in Patterson, New Jersey. He received his Bachelor of Arts degree from Columbia University in 1928. In 1931 he graduated from Cornell Medical School with the Doctor of Medicine degree and the Gustav Seligman award for academic excellence. In 1933 he received a special citation from the National Board of Medical Examiners for obtaining an exceptionally high score on the National Board Examination. His postgraduate specialty training included two years of internal medicine at St. Luke's Hospital, New York; two years as chief resident in neurology at Bellevue Hospital in New York; and three years of psychiatry with the United States Public Health Service. His clinical competence in both Neurology and Psychiatry was certified by the American Board of Psychiatry and Neurology.

During his neurology training, Dr. Green was an instructor in Neurology at Bellevue Hospital and New York Medical College. He was then employed as a psychiatrist by the United States Public Health Service until 1961, except for a period in the medical corps of the United States Navy from March 1943 through June 1946. From 1949 through 1955, he was Clinical Director and Chief of Psychiatry at the USPHS Hospital in Fort Worth, Texas. Simultaneously, he was an associate professor of psychology and lecturer at Texas Christian University. From 1955 through 1961, he was Chief of Psychiatry and Director of Psychiatry Residency Training at the USPHS Hospital in New York.

Dr. Green arrived at The Ohio State University in 1961, receiving joint appointments as Associate Professor of Psychiatry and Clinical Associate Professor of Neurology. He acted as Director of the Residency training program in psychiatry from 1961 through 1966. In 1965 he was appointed Chief of Inpatient Psychiatry, and he continued in this position until his retirement. He was promoted to

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### **RESOLUTIONS IN MEMORIAM (contd)**

Eugene Willard Green (contd)

the rank of Professor of Psychiatry in 1968. He was designated Professor Emeritus of Psychiatry upon his retirement from the regular faculty in 1977. For several years following his retirement he remained a familiar figure in the University Hospitals environment as he continued clinical work with psychiatric outpatients and with evaluations for the Social Security Administration. He also worked as a consulting psychiatrist for the Columbus Area Community Mental Health Center from 1977 through 1981.

Dr. Green was loved and respected by his patients, students, employees, and colleagues. In appearance and manner he reminded one of the stereotypic old-fashioned doctor who inspired his patients with trust by his warmth and attentiveness, and hope by his warmth and empathy. He was a characteristically soft-spoken, courteous, humble, and gentle man. His students and colleagues knew him as an academic psychiatrist whose teaching and practice of psychiatry were well-informed and thoroughly modern.

On behalf of the University, the Board of Trustees expresses condolence to Dr. Green's family. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Upon motion of Mr. Kessler, seconded by Mr. Colley, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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### **FISCAL AFFAIRS COMMITTEE MEETING**

#### **BUDGET UPDATE**

Mr. Shumate:

We will begin our Committee meeting this morning with a report from Vice President Shkurti on an update on the budget.

Mr. Shkurti:

Thank you, Mr. Chairman. If the Board members would turn to the briefing sheet entitled, "Process for Offsetting an Additional \$7.5 million Reduction in State Support," that is where I will begin.

When the Board approved the budget resolution in July, you approved immediate reductions of \$23 million that have since been implemented. We also agreed to look for up to an additional \$10 million by the middle of the fiscal year. After the budget was passed, you may recall the State raised its tuition cap from 7 1/2 percent to 9 percent, and you authorized the President to raise tuition accordingly if the caps were raised. That was done, and it provided the University with an additional \$2.5 million above what was planned on in income at the time the budget was passed. So what was a potential problem of \$10 million is now a potential problem of \$7.5 million, because of the additional \$2.5 million in tuition income. But \$7.5 million is still a great deal of money. The purpose of this sheet is to show you the principles of the process for a plan on how that money will be made up between now and the middle of the year.

**BUDGET UPDATE (contd)**

Mr. Shkurti: (contd)

So let me now talk first about the principles. Seven and a half million dollars is equivalent to additional reductions on the average of 2 percent to all of our academic units and academic support units. That may not sound like a lot of money, but, again, it is on top of the reductions that all of our units have already suffered in one way or another. We feel to do the reductions in this way -- which we might call the "business as usual way" -- would cause further harm to the University and to our academic core. Our thought is to find a way to come up with the \$7.5 million without taking it from the academic core. Now that means other functions -- although they may not be defined as part of the academic core -- are still very important or beneficial to the University. But when we are forced with tough choices, tough decisions imply some very difficult decisions need to be made. Whatever we do, it needs to be developed consistent with the University governance process. We always need to keep in mind, especially in this environment, that our budget is very fluid. We don't know what the 14th day in enrollment count is, which will in turn determine our subsidy and tuition numbers. We don't know what the state will do; there is always the possibility of additional cuts in this kind of economy. So at this point we are working on an estimate. The amount we may finally need may fluctuate up or down depending on fall enrollments and what happens with state subsidy.

The process is laid out for you in the next section --

Mr. Shumate:

Before going on, why don't we see if there are any questions from the Board on the principles that are laid out in our briefing booklet. Are there any questions or comments?

Amb. Wolf:

Bill, just to bring into focus for myself -- the reduction imposed upon us for the 1992-93 academic year was \$23 million?

Mr. Shkurti:

The entire reduction is \$33 million; we have already come up with \$23 million. That left \$10 million at the time the Board resolution was passed. We have picked up another \$2.5 million from tuition, so we have another \$7.5 million we have to --

Amb. Wolf:

The total was \$33 million for academic and non-academic --

Mr. Shkurti:

That is correct.

**BUDGET UPDATE (contd)**

Mr. Shumate:

Any other questions? Again, I think the important point to focus on is that these reductions will not touch the academic core, which is our central goal and main operating principle.

Mr. Shkurti:

That is correct. Thank you, Mr. Chairman. I would also point out that was our operating principle in the first round of cuts. And, obviously, the deeper we cut into our income and expenditures, the more difficult it is to find things that aren't part of the academic core. But I think we all agree that we are going to have to make an extra effort over the next remaining months.

The next section of this briefing sheet lays out the process. We are using the month of September -- and I would include with this the first couple days of October -- to lay out these principles and processes not only to you, but to the other parts of the University's governance structure. In most cases these meetings have already been held. Then through the months of October and November, if you are comfortable with this process and principles, the various administrative vice presidents of the University, with assorted work teams, will work on these target areas to find ways to achieve the savings. Then in December we will report back to you. We will also do a revenue and expenditure update for you so it will be ready before the February Board meeting. Then we will share a formal proposal with you in advance of the February 5 Board meeting, and if any kind of vote is necessary, it will be done at that meeting. I think that complies with the intent of the Board resolution, which is to have these cuts worked out and available to you by mid-year.

Now, if you turn to the second page -- we list some target areas that we are thinking about looking at. If we don't want to cut further into the academic core -- and that is the major part of what we spend money on -- there isn't a whole lot left. But the part that is left bears close scrutiny. There are three general areas we picked for starting points. The first is benefits administration and I need to stress administration. This would be savings from improved administration of our existing insurance programs, not reductions in the benefits offered, which are set through, in some cases, collective bargaining and in many cases through Board policy. It is not our intent to cut back the benefits that have been provided by the University, but to see if by changing the way we administer these programs, we can come up with savings.

In the case of the University's health insurance plan we are looking at expenditures of \$20 million a year alone in that plan. Higher health insurance costs are a problem everywhere in the country. We feel however, that we have an opportunity -- given that most of the providers of health care to University faculty/employees are themselves part of the University -- meaning University Hospitals and our physicians -- to perhaps find some additional savings.

The second area is revenue increases and other ways we can take assets we already have and improve the yield from them. This might include land the University owns, but there are other assets as well. I will talk about those in a minute.

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**BUDGET UPDATE (contd)**

Mr. Shkurti: (contd)

The third would be targeted spending reductions, meaning very selective reductions that could include selective reductions, consolidation or elimination of academic or academic support units or administrative structures, again, consistent with the University governance process. It is very easy to list target areas on a piece of paper. The hard part and the challenge that we face will be working through and having something that makes sense and that provides tangible and measurable savings in the time period provided. So as the year moves on, we will continue to update you as to the progress we hope to make. But these will be the three areas we will be looking at initially.

The other thing I would like to mention, Mr. Chairman, is that we have assets other than land that are very important and one of those is our athletic program. At most universities the athletic program is a drain on the general fund. At this University the athletic program makes money for the general fund. Jim Jones is always quick to point out to me whenever he sees me that, in fact, Athletics already provides \$2.3 million in revenue to the general fund on a continuing basis. This is one of the areas we have been looking at. Athletics runs on the different seasons that our teams participate and we have a basketball season coming up. As a result of the timing issues, Mr. Chairman, if it is agreeable to you, I would like to move to the issue of a surcharge on athletic tickets if that is acceptable.

Mr. Shumate:

That is acceptable with me. Before doing that, are there any questions on either the process that is laid out or the targeted areas? O.K.

Mr. Shkurti:

Thank you, Mr. Chairman. If the members of the Board will look at a document called, "Surcharge on Basketball Tickets," it is a one-page resolution and I will begin with that. Dr. Spillman will also assist me in sharing with you what our thinking was on this particular issue.

The first whereas clause simply relays the fact that the University has absorbed nearly \$80 million in cuts since January 1991. It points out that we have already taken \$23 million in reductions in July 1992; that the Board resolution provided for up to an additional \$10 million, which I explained is now \$7.5 million as a result of the increased tuition; and that further reductions to academic departments and student services would cause additional hardships to our students, faculty, and staff. I don't mean to imply that any kind of surcharge on basketball tickets or any other kind of athletic program would not be a hardship. Somebody is going to be paying more money out of their pocket than they otherwise would, and in many cases it is our own faculty and staff. But when we look at the alternatives, we feel this makes a lot of sense. So one of the revenue options we considered was an academic surcharge on tickets for athletic events -- in this case, particularly, for basketball, because the tickets do need to go out shortly.

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### **BUDGET UPDATE (contd)**

Mr. Shkurti: (contd)

The Vice President for Student Affairs and the Department of Athletics have been cooperative in helping us do some projections. We feel that if we do the kind of surcharge that is mentioned here on basketball tickets, it will bring an additional \$450,000 into the University this year. At this time, I would like to turn the microphone over to Dr. Spillman, who will explain the details of what we are proposing and what process we went through.

Dr. Spillman:

Thank you, Bill. After discussions with the President's Executive Committee and members of the Athletic Council, we are recommending a \$2.50 surcharge on basketball tickets for the 1992-93 season. What this means is that for the 1992-93 basketball season the cost of a ticket sold to the public will be \$15.50; \$13.00 of that \$15.50 will be for the ticket and \$2.50 will be for an academic surcharge. The cost of a faculty/staff ticket will be \$13.00; \$10.50 for the ticket and a \$2.50 academic surcharge. We are recommending that there be no surcharge applied to the price of a student ticket. The student ticket price would remain at \$5.00 per ticket.

The income from this academic surcharge on public, faculty, and staff tickets will be used to protect high-priority academic programs, such as high-demand courses and student financial aid. At this time, the surcharge applies only to basketball tickets and only to the upcoming 1992-93 season. The surcharge will be reevaluated and depending upon the University's future financial situation, it will be determined whether a surcharge should be applied to other sports such as football, or extended into later athletic seasons beyond 1992-93. That is our recommendation.

Mr. Shumate:

Are there any questions? Just to be clear, this is an academic surcharge?

Dr. Spillman:

Yes, an academic surcharge.

Mr. Shumate:

And it will not apply to students?

Dr. Spillman:

That is correct.

Mr. Shkurti:

Mr. Chairman, I think it is important that I point out what this language means. This will enable us to protect high-demand courses and student financial aid from any adverse impact of additional budget cuts as we try to come up with this additional \$7.5 million. So we still have other work to do, but this is an important starting

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**BUDGET UPDATE (contd)**

Mr. Shkurti: (contd)

point. We have particularly directed those two areas that I mentioned as part of what we want to protect.

President Gee:

One other point -- our basketball ticket prices do not require revenue sharing with the Big Ten as do our football tickets. Therefore, all of the dollars generated from the academic surcharge will go directly into the academic programs. There will be no sharing of those dollars with any of our other institutions in the Big Ten.

Mr. Shumate:

Any other questions? Dr. Spillman, you indicated that you talked to the Athletic Council and to the Athletic Director, have you also spoken with the coach?

Dr. Spillman:

No, I have not.

President Gee:

The coach has been spoken to.

**SURCHARGE ON BASKETBALL TICKETS**

Resolution No. 93-37

WHEREAS The Ohio State University has absorbed nearly \$80 million in cuts in its state aid since January 1991; and

WHEREAS \$23 million in General Fund Budget reductions were applied to academic departments and other General Funds supported units in July 1992 to partially offset these reductions in state support; and

WHEREAS the July 1992 budget resolution provides for additional General Fund expense reductions or income increases of up to \$10 million before February 1993; and

WHEREAS further budget reductions to academic departments and student services would cause additional hardship to students, faculty and staff; and

WHEREAS among the revenue options which have been considered is an academic surcharge on tickets for athletic events; and

WHEREAS the President's Executive Committee, along with the Athletic Council, has been consulted regarding this proposal:

NOW THEREFORE

October 2, 1992 meeting, Board of Trustees

**SURCHARGE ON BASKETBALL TICKETS (contd)**

BE IT RESOLVED, That consistent with financial needs of the University it is recommended that a \$2.50 academic surcharge be added to the cost of each ticket for 1992-93 basketball season. Specifically, for the 1992-93 basketball season, the cost of a ticket sold to the public will be \$15.50 (\$13.00 ticket price, plus \$2.50 academic surcharge); the cost of a faculty and staff ticket will be \$13.00 (\$10.50 ticket price, plus \$2.50 academic surcharge). No surcharge will be applied to the price of a student ticket. The student ticket price will remain at \$5.00 per ticket.

BE IT FURTHER RESOLVED, That the income from the academic surcharge shall be designated for use by the University to protect high-priority academic programs, such as high-demand courses and student financial aid, from further budget reductions.

BE IT FURTHER RESOLVED, That the surcharge applies only to basketball tickets and only to the upcoming 1992-93 season and that the surcharge will be reevaluated dependent on the University's future financial situation to determine if it should be applied to other sports or beyond 1992-93.

Upon motion of Mr. Kessler, seconded by Mr. Celeste, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**FISCAL AFFAIRS COMMITTEE MEETING (contd)**

Mr. Shkurti:

Mr. Chairman, I have one other item. Even though as we are working our way through the last budget, the process on the next one has already begun. In your Board books is a briefing entitled, "Biennial Budget Request for FY 1994-95." I will give you a quick sense of what is involved. This is for the two-year period beginning July 1, 1993, and during this cycle we always -- in response to a directive from the Board of Regents -- make our requests for state funding of line items. This is not capital or student subsidy, but elements such as the Cooperative Extension Service, Research Challenge, and so forth.

The time line this year was very short, because the budget problems from last year were not wrapped up until late in July. We received notification after the last Board meeting and had to send a proposal in by the end of August. That was done and the requests were sent to all of the deans and vice presidents, evaluated by the University, and forwarded to the state. That has been shared with the Board in a separating mailing.

The priorities that the University set were access, retention, and quality -- such as the Young Scholars Program, Research, Agriculture, and various parts of our health and teaching function. In addition, there were three new program requests in research. If you will turn to the second page, it describes what happens next. In fact, the Regents have already made their recommendations to the Office of Budget and Management these are attached as part of this memo. The Office of Budget and Management will then make its recommendations to the Governor sometime this fall. The Governor will make his recommendations to the General Assembly after the first of the year, and then the General Assembly, hopefully by July 1, will have a new budget in place.

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**FISCAL AFFAIRS COMMITTEE MEETING (contd)**

Mr. Shkurti: (contd)

The third sheet simply summarizes what the Regent's have recommended compared to what the University requested. The University never gets everything it requests from the Regents, and the Regents never gets everything they request from the Budget Office or from the Governor. You can see that some programs were supported. We were disappointed that none of the new research programs were recommended for funding by the Regents, but they did recommend additional funding for a number of our line items. In addition, the Regents have recommended funding for a state-wide program very similar to our Young Scholars program. We hope that will get funded because that would assist the University greatly in meeting those needs.

Mr. Chairman, that concludes my review of that request. If you or the other members of the Board have any questions, I would be glad to respond.

Mr. Shumate:

Are there any questions? We will certainly be discussing the budget requests for 1994-95 throughout our Fiscal Affairs Committee process and having some dialogue with the Trustees and your finance office. Thank you, Mr. Shkurti.

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Ms. Pichette:

Mr. Chairman, the first item I would like to present is a resolution to allow University Hospitals to move forward with plans to upgrade and consolidate their emergency power system. We seek your authorization to hire an architect for the project and request construction bids.

Mr. Shumate:

You might want to share with the Trustees, at this point, some of our discussions about what we are trying to do in terms of providing more background and context on these kinds of requests.

Ms. Pichette:

I would like to introduce Jill Morelli, the new University Architect, who you just appointed earlier today. She is going to assist in bringing you, through my office, one-page summary fact sheets. This will give you a better idea of where these started, how they came along, and why we are requesting funding. We are also going to be bringing possible policy procedures to you regarding what items come to the Board and at what time. So we are going to be working on this.

October 2, 1992 meeting, Board of Trustees

**EMPLOYMENT OF ARCHITECTS/ENGINEERS AND  
REQUEST FOR CONSTRUCTION BIDS**

Resolution No. 93-38

**UNIVERSITY HOSPITALS - EMERGENCY POWER SYSTEM**

Synopsis: Authorization to employ architects/engineers and request construction bids for the listed project is proposed.

WHEREAS the University Hospitals desires to update a 1989 emergency power study and initiate action to upgrade and consolidate the Hospitals' emergency power system; and

WHEREAS the total estimated project cost is \$2,800,000.00, and the total estimated construction cost is \$2,240,000.00; with funding provided by University bond proceeds:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to select qualified architectural/engineering firms as necessary for this project and that the fees for these services be negotiated between the firms selected and The Ohio State University; and

BE IT FURTHER RESOLVED, That the President and/or Vice President for Business and Administration be authorized to request construction bids on this project in accordance with established University procedures, and if satisfactory bids are received, to award contracts, with all actions to be reported to this Board at the appropriate time.

Upon motion of Mr. Shumate, seconded by Mr. Kessler, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**REQUEST FOR CONSTRUCTION BIDS**

Resolution No. 93-39

**WILCE STUDENT HEALTH CENTER - CHILLER/COOLING TOWER REPLACEMENT**

Synopsis: Authorization to request construction bids for the listed project is proposed.

WHEREAS in the Wilce Student Health Center the University desires to replace the existing 210 ton absorption chiller and the forced draft cooling tower with a more energy efficient electric water chiller and efficient induced draft cooling tower; and

WHEREAS this project will be designed by the Department of Physical Facilities in consultation with the University Architect's Office; and

WHEREAS the total estimated project cost is \$270,000.00, and the total estimated construction cost is \$240,000.00; with funding provided by Senate Bill 351:

NOW THEREFORE

October 2, 1992 meeting, Board of Trustees

**REQUEST FOR CONSTRUCTION BIDS (contd)**

WILCE STUDENT HEALTH CENTER - CHILLER/COOLING TOWER REPLACEMENT (contd)

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to request construction bids on this project in accordance with established University procedures, and if satisfactory bids are received, to award contracts, with all actions to be reported to this Board at the appropriate time.

Upon motion of Mr. Shumate, seconded by Mr. Kessler, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS**

Resolution No. 93-40

HASKETT HALL - VENTILATION AND MECHANICAL SYSTEMS

Synopsis: Acceptance of the report of award of contracts and the establishment of contingency funds for the listed project is recommended.

WHEREAS a resolution adopted by the Board of Trustees on October 5, 1990 authorized the President and/or Vice President for Business and Administration to request construction bids in accordance with established State of Ohio and University procedures, and if satisfactory bids were received to award contracts for the Haskett Hall - Ventilation and Mechanical Systems project:

NOW THEREFORE

BE IT RESOLVED, That pursuant to the actions previously authorized by this Board, the report of award of contracts and establishment of contingency funds for this project is hereby accepted.

Upon motion of Mr. Shumate, seconded by Mr. Kessler, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix IX for background, page 259.)

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Mr. Shumate:

Are there any questions?

Mr. Celeste:

I have a question left over from our last meeting. We talked about the change we were making in the EMS situation. Since we have made that transition, Janet, you were going to try to keep us up to date on what the impact of that change is. Do you have some information?

October 2, 1992 meeting, Board of Trustees

Ms. Pichette:

The change took place with the City of Columbus coming on campus September 15. Joanne Markiewicz reported at the Student Affairs Committee meeting that so far it seems to be transparent to our students because they are still just calling the dispatcher. I would also like to let you know that I met with the Undergraduate Student Government on Wednesday night to try to make sure the information is getting out correctly. I have also written a letter to the Lantern which, hopefully, will be published very soon.

We have had a total of 32 calls in a 15-day period. There is not a lot of data, but so far we have recorded 28 transports. On the times -- which was one of the concerns -- the three longest response times were: 21 minutes, 19 minutes, and 15 minutes. The three shortest were 2 at 2 minutes and 3 at 3 minutes. The average response time by the Columbus Fire Department with their EMS unit is just under 8 minutes. They actually transported 12 people; the University Police transported 9; and a friend or coworker transported the other 7. The University Police many times were on the scene prior to Columbus responding, but most all of the response times were under 10 minutes.

Mr. Shumate:

Any other questions? Mr. Chairman, that completes our meeting.

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**REPORT - UNIVERSITY'S ENDOWMENT FUND**

Resolution No. 93-41

RESOLVED, That the report on the University's Endowment Fund, dated September 18, 1992, as submitted to the Investments Committee of the Board of Trustees, be received and filed with the official records of the Board.

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**FINANCIAL REPORT - UNIVERSITY'S FOUNDATION**

Resolution No. 93-42

RESOLVED, That the financial report on the University's Foundation, dated June 30, 1992, and June 30, 1991, as submitted to the Investments Committee of the Board of Trustees, be received and filed with the official records of the Board.

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Thereupon the Board adjourned to meet Friday, November 6, 1992, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio.

Attest:

Madison H. Scott  
Secretary

John J. Barone  
Chairman

THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND TWO HUNDRED AND EIGHTY-SEVENTH MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, November 6, 1992

The Board of Trustees met at its regular monthly meeting on Friday, November 6, 1992, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

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Minutes of the last meeting were approved.

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November 6, 1992 meeting, Board of Trustees

The Chairman, Mr. Barone, called the meeting of the Board of Trustees to order on November 6, 1992, at 10:05 a.m. He requested the Secretary to call the roll.

Present: John J. Barone, Chairman, Deborah E. Casto, John W. Kessler, Milton A. Wolf, Leslie H. Wexner, Alex Shumate, Theodore S. Celeste, Michael F. Colley, George A. Skestos, Kristen Cusack, and Hiawatha N. Francisco, Jr.

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## **PRESIDENT'S REPORT**

President Gee:

Undoubtedly, the excitement and activities of the past few weeks have captured our collective attention. The challenge of fierce competition, national polls and rankings, criticism, commentary, and mudslinging. . . . but enough about football!

While the election is over, our concerns regarding the future of higher education are not. As our national agenda is being set, as our federal and state governments convene a record number of new faces, it is imperative that we assert the necessity of a high priority on education for the future.

Ohio's Managing For the Future Task Force Report has prompted considerable discussion of higher education around the state. Today Ohio State's Managing For the Future Task Force will present its report. It will be directly following this meeting for those of you who will be able to stay and attend. I will receive the report from the task force chair, Gerry Mayo, and all of you are invited to attend.

It is of vital importance that we look beyond the fiscal crisis of this year and prepare ourselves for the challenges and opportunities occasioned by the climate of change in our society. Our university-wide planning process is in place. Today the members of the Board of Trustees have received a draft mission statement for the institution. It has been the product of much discussion and debate -- and I hope that we can bring it to a final conclusion next month. It is imperative that this institution have a clear definition of its mission and a strong sense of vision to guide and inform our decision making and our actions that follow. I see this as a dynamic time in the life of this university. We must seize the window of opportunity and take a new look at ourselves and all that we might become.

When I look at the new freshman class, about whom you will hear more in this meeting, I am very excited for the future. This, ladies and gentlemen, is the best class since we have been maintaining statistics in the history of this university. Yes, I said that last year, and I hope to say it again next year. This is our best entering class. More than one in four of them were in the top 10 percent of his or her high school class. The freshman class is more diverse than last year; African-American enrollment is up more than 5 percent and Hispanic enrollment grew by more than 14 percent. Once again we have more than 100 National Merit and National Achievement Scholars in the class, that ranking us in the top nine or ten. Today we have about 150 National Merit Semi-Finalists, who are seniors in high school, visiting Ohio State. These outstanding students are attracted to Ohio State because of our distinguished faculty and strong academic programs.

## **PRESIDENT'S REPORT (contd)**

President Gee: (contd)

Consider the discovery in Warren County of the State of Ohio's oldest fossils -- 525 million year old fossils -- by Assistant Professor of Geological Sciences Loren Babcock and one of his undergraduate students, Peter MacKenzie. Let me repeat: Professor Babcock made this discovery with a student, and they co-authored a paper and delivered it to the Geological Society of America. I understand that Peter is getting a number of offers from graduate programs across the country. It is this type of opportunity that attracts students to Ohio State.

Ohio State is well recognized as a center for cartoon art, with a very distinguished collection and archive. This month we again hosted the Festival of Cartoon Art. This year's conference theme was "Cartoons and Ethnicity," focusing on the expression of ethnicity and stereotypes in cartoons. The dialogue among many of this country's leading cartoon artists was lively and significant for our students and faculty.

Further evidence of our quality is found in the awards and recognitions we receive. Ohio State has been chosen as the site of a new \$24 million Eisenhower National Clearinghouse for Mathematics and Science Education. The clearinghouse provides on-line access to resources and information for teachers across the country. It is part of our high priority initiative in math and science education.

October saw us celebrating the 25th anniversary of University College. Since its opening, University College has served more than 200,000 entering students, helping them make the transition to college life and define their academic objectives. Dean Mac Stewart and his staff are to be congratulated on the good work of the college, building on its foundation of a quarter century of service.

The call for change at this university comes in a variety of forms and from many voices, including mine and those in this room today. Our students, faculty, our dedicated staff all are committed to the notion of moving this University forward. It is a time of strain and also an exciting time, and I feel that together we can make significant progress. Mr. Chairman, that concludes my report.

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## **RESEARCH FOUNDATION REPORT**

Mr. Celeste:

I am especially pleased to report on the grants and contracts for the month of September received by The Ohio State University Research Foundation. At Tab 1 we see that the awards for the period July through September have turned the corner and are up 3.77 percent. This was aided by a large award from the Department of Education, which I will highlight later in my report.

At Tab 2 you will find expenditure summaries. Expenditures through September are up 5.3 percent, a modest increase over last month.

**RESEARCH FOUNDATION REPORT (contd)**

Mr. Celeste: (contd)

Some projects of special interest that were funded in the month of September are listed at Tab 3. A team of professors, Michael Klapper, David Haury, and Larry Buell, received about \$3.5 million from the Department of Education for the Eisenhower National Mathematics and Science Education Clearinghouse. This program's goals are to store and disseminate the latest and best educational materials making it one of the preeminent vehicles for educational reform in the country. This project will total \$23 million over a five-year period.

Professor Furnstahl, one of the recipients of the prestigious Alfred P. Sloan Research Fellowship, was also funded by the National Science Foundation. He will study relativistic field theory models of hadron particle systems.

I would also like to mention that I had the pleasure of visiting the laboratory of one of our eminent scholars, Professor Hamish Fraser. He has recently received major funding from the Edison Materials Technology Center (EMTEC) through the Engineering Experiment Station to develop ceramic-based composites for automotive engine blocks and brake components. This is a joint project with several key industrial companies including Ford, GM, GE, and Cummings Engine Company. They are developing technology for the production of near-net shape cylinder liners, turbocharger compressor wheels, reinforcements for diesel pistons, and brake rotors. EMTEC has provided the framework for a high degree of technology transfer with this project's Ohio-based industrial partners. I might emphasize that this project is a result of having one of our eminent scholars involved in the program and that it is an opportunity to turn the kind of research into some exciting opportunities for jobs in Ohio.

At Tab 4 is the list of all projects funded in September.

At Tab 5 is a table comparing federal obligations for research and development at the Big Ten universities including Penn State University. The table compares data across several academic disciplines for each major federal agency for FY 1990. I hope this information will give the members of the Board of Trustees a better idea of where our external funding comes from and, importantly, how much progress we need to make if we are to be at the top of the Big Ten.

Tab 6 includes a press release issued by University Communications highlighting recent research activity.

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS**

Resolution No. 93-

43

Synopsis: The reports on contracts, grants, and gifts and the summary for September 1992 are presented for Board acceptance.

WHEREAS monies are solicited and received on behalf of the University from governmental, industrial, other agencies, alumni, and various individuals in support of research, instructional activities, and service; and

November 6, 1992 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

WHEREAS such gifts are received through The Ohio State University Research Foundation, the Engineering Experiment Station of The Ohio State University, The Ohio State University Development Fund, and The Ohio State University Foundation.

NOW THEREFORE

BE IT RESOLVED, That the research agreement between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the reports from the Engineering Experiment Station, The Ohio State University Development Fund, and The Ohio State University Foundation during the month of September 1992 be approved.

Upon motion of Mr. Celeste, seconded by Ms. Casto, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

Summary

SEPTEMBER 1992

<u>Source</u>	<u>7/1/91-9/30/91</u>	<u>7/1/92-9/30/92</u>	<u>September 1992</u>
The Ohio State University Research Foundation	\$ 44,512,157.83	\$ 46,190,418.12	\$21,454,508.95
Engineering Experiment Station	\$ 1,888,672.00	\$ 2,365,022.00	\$ 216,427.00
The Ohio State University Development Fund			
Establishment of Named Funds			
The Dortha B. Ten Eyck Cancer Research Endowment Fund (Support cancer research)			\$ 165,306.55
The Margaret P. Cavanaugh and Peter F. Cavanaugh Scholarship Fund in Social Work (Scholarships)			\$ 50,000.00
The Robert Martin Kilian Chemical Engineering Fund (Support outstanding research)			\$ 25,000.00
The Shaffer Family Athletic Scholarship Fund (Scholarships - men's varsity basketball team)			\$ 25,000.00
The Henrietta Fleck Houghton Scholarship Fund (Scholarships - Colleges of Education and Human Ecology)			\$ 24,958.10
The Dorothy M. Kuohn Fund for Cancer Research (Support cancer research)			\$ 21,149.93
The Fawnye M. Kuohn Scholarship Fund (Scholarships - Departments of Animal Science and Agricultural Economics)			\$ 21,149.92

November 6, 1992 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

Summary (contd)

SEPTEMBER 1992 (contd)

The Ohio State University Development Fund (contd)

Establishment of Named Funds (contd)

The Richard A. Kuohn Scholarship Fund (Scholarships - Departments of Animal Science and Agricultural Economics)	\$ 21,149.92
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The Ruth V. Hawkins Heldt University Scholarship Fund (Scholarships - College of Education)	\$ 15,454.00
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The Elizabeth D. Gee Research on Women Endowed Fund (Provide grants to Ohio State University faculty members and Ph.D. candidates to pursue research on women or gender)	\$ 15,000.00
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Change in Name and Description of Named Funds

From:	The Donald Jay Brandt Memorial Scholarship Fund
To:	The Donald and Sidney Brandt Memorial Scholarship Fund

From:	The Jerome Lawrence and Robert E. Lee Theatre Research Institute Endowment Fund
To:	The Jerome Lawrence and Robert E. Lee Theatre Research Institute Library Endowment Fund

The Ohio State University Foundation

Approval of Description and Establishment of Fund

The Donald R. Glancy Endowed Fund (Support for WOSU)	\$ 31,921.83
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November 6, 1992 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Establishment of Named Funds

The Dortha B. Ten Eyck Cancer Research Endowment Fund

The Dortha B. Ten Eyck Cancer Research Endowment Fund was established November 6, 1992, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from the estate of Dortha B. Ten Eyck.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to support cancer research in The Arthur G. James Cancer Hospital and Research Institute as approved by the Director of the Comprehensive Cancer Center-Arthur G. James Cancer Hospital and Research Institute and the Vice President for Health Services.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the Director of the Comprehensive Cancer Center-Arthur G. James Cancer Hospital and Research Institute and the Vice President for Health Services in order to carry out the desire of the donor.

The Margaret P. Cavanaugh and Peter F. Cavanaugh  
Scholarship Fund in Social Work

The Margaret P. Cavanaugh and Peter F. Cavanaugh Scholarship Fund in Social Work was established November 6, 1992, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from the estate of Peter F. Cavanaugh (B.S., Social Administration, 1938) of El Paso, Texas.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide scholarships to students in the College of Social Work. The selection of the scholarship recipients shall be made by the Dean of the College of Social Work in consultation with the University Committee on Student Financial Aid.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

The Robert Martin Kilian Chemical Engineering Fund

The Robert Martin Kilian Chemical Engineering Fund was established November 6, 1992, by the Board of Trustees of The Ohio State University, with a gift to The Ohio State University Development Fund from the estate of Robert Martin Kilian (B.Ch.E. '51; M.S., Chemical

November 6, 1992 meeting, Board of Trustees

Engineering, 1951).

## **REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

### THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

#### Establishment of Named Funds (contd)

##### The Robert Martin Kilian Chemical Engineering Fund (contd)

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to encourage and to support outstanding research by the faculty of the Department of Chemical Engineering. The chairperson of the Department of Chemical Engineering will have sole authority to authorize expenditures from the income, as approved by the dean of the College of Engineering. Any unused income from the fund shall be added to the fund's principal.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

##### The Shaffer Family Athletic Scholarship Fund

The Shaffer Family Athletic Scholarship Fund was established November 6, 1992, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Phil C. Shaffer, Columbus, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to supplement the grant-in-aid scholarship costs of student athletes who are members of the men's varsity basketball team pursuing undergraduate degrees at The Ohio State University. Recipients shall be selected by the Director of Athletics in consultation with the University Committee on Student Financial Aid.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees as recommended by the Director of Athletics in order to carry out the desire of the donor.

##### The Henrietta Fleck Houghton Scholarship Fund

The Henrietta Fleck Houghton Scholarship Fund was established November 6, 1992, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from the estate of Henrietta Fleck Houghton (Ph.D., Education, 1944).

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest

November 6, 1992 meeting, Board of Trustees

and reinvest as occasion dictates.

## **REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

### THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

#### Establishment of Named Funds (contd)

##### The Henrietta Fleck Houghton Scholarship Fund (contd)

The annual income shall be added to principal until the fund reaches \$30,000 at which time the fund shall be divided into two equal but separate funds. One fund shall be known as The Henrietta Fleck Houghton Scholarship Fund in the College of Education and the second fund shall be known as The Henrietta Fleck Houghton Scholarship Fund in the College of Human Ecology. Income from these two funds shall be used for scholarship awards to benefit students in the College of Education and the College of Human Ecology respectively. Selection of the award recipients shall be made by the deans in these two colleges in consultation with the University Committee on Student Financial Aid.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college deans, department chairpersons, or program administrative officers in order to carry out the desire of the donor.

##### The Dorothy M. Kuohn Fund for Cancer Research

The Dorothy M. Kuohn Fund for Cancer Research was established November 6, 1992, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from the estate of Richard A. Kuohn (B.S.Agr. '41) of Toledo, Ohio, in memory of his wife, Dorothy M. Kuohn.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used by The Arthur G. James Cancer Hospital and Research Institute to assist with research efforts into a cure for cancer. Funds may also be expended on preventative measures or toward efforts to alleviate the cancer patient's suffering. Special consideration is to be given to projects demonstrating innovative thinking in these areas. All expenditures of said funds will require the approval of both the dean of the College of Medicine and the director of The Arthur G. James Cancer Hospital and Research Institute. At such time as these funds are no longer needed for cancer research, the income may be used for other medical research efforts.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

##### The Fawnye M. Kuohn Scholarship Fund

The Fawnye M. Kuohn Scholarship Fund was established November 6, 1992, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from the estate of Richard A. Kuohn (B.S.Agr. '41) of Toledo, Ohio, in memory of his mother,

November 6, 1992 meeting, Board of Trustees

Fawnye M. Kuohn.

November 6, 1992 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Fawnye M. Kuohn Scholarship Fund (contd)

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide one or more scholarships to students enrolled in the College of Agriculture. Awards shall be made to students in the Department of Animal Science and the Department of Agricultural Economics who have demonstrated academic ability and a need for financial assistance. Selection of the award recipients shall be made by the dean of the College of Agriculture and the chairperson in the Department of Animal Science and the Department of Agricultural Economics in consultation with the University Committee on Student Financial Aid.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

The Richard A. Kuohn Scholarship Fund

The Richard A. Kuohn Scholarship Fund was established November 6, 1992, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from the estate of Richard A. Kuohn (B.S.Agr. '41) of Toledo, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide one or more scholarships in the College of Agriculture to students in the Department of Animal Science and the Department of Agricultural Economics. Awards shall be made to those who have demonstrated academic ability and a need for financial assistance. Selection of the award recipients shall be made by the dean of the College of Agriculture and the chairperson in the Department of Animal Science and the Department of Agricultural Economics in consultation with the University Committee on Student Financial Aid.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

The Ruth V. Hawkins Heldt University Scholarship Fund

The Ruth V. Hawkins Heldt University Scholarship Fund was established November 6, 1992, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund, from Ruth V. Hawkins Heldt of Toledo, Ohio.

November 6, 1992 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Ruth V. Hawkins Heldt University Scholarship Fund (contd)

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide one or more merit scholarships for Ruth V. Hawkins Heldt Scholars in the College of Education. Recipients of this scholarship shall be students preparing to be teachers who qualify as Presidential, Distinguished, Medalist or University Scholars.

These scholars may be continued for up to two years of post baccalaureate work to complete certification requirements. In any year that a Presidential, Distinguished, Medalist or University Scholar is not available, this merit scholarship may be awarded to another student in a teacher certification program.

This merit scholarship initiative is the result of recommendations from the 1990 University Task Force on Undergraduate Recruitment and the 1990-1991 Undergraduate Recruitment Implementation Steering Committee to the Senior Vice President for Academic Affairs and Provost. Students shall be selected based upon the criteria sanctioned by the Senior Vice President for Academic Affairs and Provost and administered by the College of Education in cooperation with the University Honors Center and in consultation with the University Committee on Student Financial Aid.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

The Elizabeth D. Gee Research on Women Endowed Fund

The Elizabeth D. Gee Research on Women Endowed Fund, a Critical Difference for Women program in conjunction with the Center for Women's Studies, was established November 6, 1992, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from friends and admirers of Elizabeth Gee.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide one or more grants to Ohio State University faculty members and Ph.D. candidates to pursue research on women or gender. The selection of recipients shall be made upon the recommendation of a University-wide Research on Women Committee under the direction of the Center for Women's Studies.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the director of the Center for Women's Studies.

November 6, 1992 meeting, Board of Trustees

November 6, 1992 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Change in Name and Description of Named Funds

The Donald and Sidney Brandt Memorial Scholarship Fund

The Donald Jay Brandt Memorial Scholarship Fund was established May 7, 1973, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from the family of the late Donald Jay Brandt (B.A., Sociology, 1972) in his memory. The name of the fund and description were revised November 6, 1992, to include his father, Dr. Sidney Brandt (D.D.S., 1938).

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide one or more scholarships for undergraduate students of average achievement or ability in the Humanities who have demonstrated a need for financial assistance. The selection of the recipients shall be made by the dean of the College of Humanities in consultation with the University Committee on Student Financial Aid.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donors.

The Jerome Lawrence and Robert E. Lee  
Theatre Research Institute Library Endowment Fund

The Jerome Lawrence and Robert E. Lee Theatre Research Institute Endowment Fund was established December 6, 1990, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from Jerome Lawrence (B.A., English, 1937), Robert E. Lee, and friends and supporters of the Institute. The name of the fund and description were revised November 6, 1992.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide support for (a) the position of curator, (b) acquisition and preservation of the collection, and (c) the operation and administration of The Jerome Lawrence and Robert E. Lee Theatre Research Institute. Funds will be administered by the director of University Libraries and the chairperson of the Department of Theatre in consultation with the director and curator of the Theatre Research Institute.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, director of University Libraries, department chairperson, or program administrative officer in order to carry out the desire of the donors.

November 6, 1992 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

THE OHIO STATE UNIVERSITY FOUNDATION

Approval of Description and Establishment of Funds

The Donald R. Glancy Endowed Fund

The Donald R. Glancy Endowed Fund was established November 6, 1992, by the Board of Trustees of The Ohio State University through funds received by the University from The Ohio State University Foundation, which has established an endowed fund with gifts in support of WOSU from the late Donald R. Glancy, Associate Professor Emeritus in the Department of Theatre.

Net income provided by the Foundation, after payments described in paragraph 3 and including any income not paid in regard to paragraph 3, shall be distributed to WOSU, at least annually, to be used solely for its television and radio programming needs. WOSU shall publicly acknowledge periodically the monies received from this fund in such manner as determined by WOSU.

Up to \$7,000 in income, including principal as needed, shall be distributed annually to St. Anne's Anglican Church in Columbus, Ohio, to provide salary support for a part-time or full-time resident ordained minister, provided St. Anne's Anglican Church matches these funds, does not merge with another church, and remains a charity under Section 170(c) of the Internal Revenue Code. The Church's failure to meet these conditions in any given year shall not prevent the Church from meeting such conditions and receiving such payments in subsequent years.

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**HOSPITALS BOARD COMMITTEE REPORT**

Mr. Celeste:

The Hospitals Board had very good attendance at an all-day strategic planning retreat on Thursday, October 29. During the day we looked at the current environment and healthcare reform measures anticipated at the state and national levels. Dr. St. Pierre presented indicators that will help the Hospitals and College of Medicine measure progress toward our goal of becoming one of the nation's "top ten" academic medical centers by the year 2000. Associate Provost Edward Ray discussed the University's mission and vision statements, planning process, and action agenda. Cathy Bruno reviewed environmental forces which have an effect on the medical center and projected several scenarios for the future. Finally, we discussed strategies to help the medical center toward our goal.

During the afternoon the Hospitals Board held its October meeting. After reviewing the committee reports we received updates on medical staff issues from the Medical Director and the Chief of Staff. The Hospitals' September financial report was favorable. We were pleased to note that net days in receivables have been reduced to 66, compared to 100 the previous year, and a goal of 85 set by the Hospitals Board.

November 6, 1992 meeting, Board of Trustees

### **HOSPITALS BOARD COMMITTEE REPORT (contd)**

Mr. Celeste: (contd)

The day concluded with a joint dinner meeting at which the Hospitals Board and Cancer Hospital Oversight Committee learned more about the new standards by which both institutions will be measured next year by the Joint Commission on Accreditation of Healthcare Organizations. This concludes my report, Mr. Chairman.

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### **STUDENT AFFAIRS COMMITTEE REPORT**

Ms. Cusack:

The Student Affairs Committee met yesterday at the Ohio Union. The format of our meeting was a round-table discussion with undergraduate students. We gathered nine students from different years of school, different parts of campus, and different backgrounds. The purpose of our meeting was to find out what is really happening in the general population at Ohio State.

The information we gathered was both interesting and exciting. Students have a lot to say about their experiences at Ohio State. Although all students seemed to agree that this is a huge place, that comment held both positive and negative connotations.

As far as comments for improvements, students mentioned a need for greater cultural and lifestyle sensitivity from teachers and students alike, and improvement in our system of advising. A variety of other topics were brought to light which will be used to format future Student Affairs meetings. We heard many positive comments -- you will be pleased to hear that students really like their university. Many teachers do take the time to make this a smaller, more comfortable place for students and many of the University's services aid in that task. I must point out that Disability Services was mentioned quite often and described as a very well run system at Ohio State. Several students gave positive testimonials about that office.

Overall, this meeting was very positive and productive. You will be hearing more about these issues at future Student Affairs meetings. Next month the graduate and professional students will have the same type of round-table discussion and a chance to air their ideas and comments about Ohio State.

Yesterday in the meeting we heard comments from John Hilbert, President of the Undergraduate Student Government. He mentioned their Freshman Internship Program which is a great opportunity to get 18 freshman involved early in USG. He also mentioned three resolutions which were discussed in USG: 1) was to support the rape education demands; 2) a negative comment against the regional campus guidelines outlined in the Managing For the Future Task Force; and 3) backing the Human Ecology Internship Program.

November 6, 1992 meeting, Board of Trustees

### **STUDENT AFFAIRS COMMITTEE REPORT (contd)**

Ms. Cusack: (contd)

John also mentioned that USG is working on a tuition payment plan with the Office of Fees and Deposits. They thought this would help students by allowing them to pay their fees throughout the quarter instead of all in one lump sum. USG also has a new student outreach program which tries to reach students all over campus to let them know what USG is doing and to get them involved.

Next, Greg Gorospe, President of the Interprofessional Council, mentioned some issues such as helping non-traditional students and fee waivers. The professional students are also very much in favor of a fee payment plan.

I would now like to call on Karen Duncan who has asked to address the full Board on behalf of graduate students. Karen --

Ms. Karen Duncan:

Thank you, Ms. Cusack, and good morning. I have asked for the opportunity to address you directly today for a couple of reasons. One is that we are far enough into the academic year for me to give you a good sense of graduate student life at OSU this year and to answer any questions that you might have. Secondly, I understand that it has been about three years since any of the student government presidents have addressed the full Board. I just figured that was a record that needed to be broken, so I am going to break it today.

The Council of Graduate Students is also known as CGS, and we are the student voice for Ohio State's 11,000 graduate students. One of the brochures that was distributed to you this morning -- it is a gray one with a red and black logo on it -- is one that we published this year as a way of reaching some of our new graduate students and telling them a little bit about the Council and its works. I will refer you to that for further information. About one of every five students at the OSU campus is a graduate student, and graduate students earn about one in every three subsidy dollars that the University generates. In addition to being good, quality students, we tend to be rather nice people, too. So I am thrilled to be here today to talk to you about some of our efforts.

I think that it is rather easy to think of students at OSU as being 18 to 24 year olds, away from home for the first time, supported by their parents, maybe living in a dorm, or a sorority or fraternity house. That model really doesn't fit graduate students at all. We tend to be older students. In fact, our median age is 29 and many of us have been away from home for a good long time. Some of us are continuing on with our degrees, others are coming back after several years out in the work force. We are self-supporting and many of us are married and starting families of our own. So while we share similar concerns to our undergraduate and professional counterparts, we do have some needs and concerns that are a little different.

**STUDENT AFFAIRS COMMITTEE REPORT (contd)**

Ms. Duncan: (contd)

I think that one that comes immediately to mind is the need for affordable, accessible child care. Graduate students are really rather vital in realizing the mission of The Ohio State University. Graduate students support the teaching and research efforts, we also support the service effort of the University, both in the community and on campus. In fact, one of the most important things that the Council of Graduate Students does is appoint graduate students to serve on many of the committees across campus. We are active and involved participants in the University governance process. The second important thing that the Council does is act as a voice for graduate students on campus, providing an important forum for the discussion and examination of the issues that concern graduate students.

I would like to give you an example of just some of those issues that we have been dealing with. First, this fall we passed a resolution which requested that the University look into the idea of offering a payment plan for tuition. We feel that it is difficult for students and their families to come up with tuition in one lump sum at the beginning of each quarter and at the same time having to come up with money for books, health insurance, and for all those other beginning of the quarter expenses. Giving students the option of spreading that tuition payment out over several months could be a real service to students and their families. We are real pleased that the Undergraduate Student Government has joined us in that effort, and the professional students are also considering it. While I haven't heard anything specifically from any of the University offices, I have heard rumblings that such a plan is under consideration, and I am very pleased to hear that.

Another example of something that we have been looking at is the Report of the President's Commission on Women. Last Sunday, the Council approved a statement in support of that report. We commended the Commission for its work and highlighted several of the recommendations that we thought were of particular interest to graduate students. We will be distributing our reaction to that report widely throughout the campus.

Those are just two of our most recent efforts, but perhaps the most important issue in the minds of all graduate students at OSU is the effect of state mandated budget cuts on our education. Like everyone else at the University, we are concerned over the inadequate state support for higher education in Ohio. We've participated in rallies, we have written our legislators, and we have written letters to the editor. Some of us have even marched in parades to protest the budget cuts and we have done that because graduate students really are hit doubly hard by the cuts in higher education. We face reduced resources in the classroom. We suffer because our departments can't hire the faculty that they need to hire to do the teaching and the research. There are fewer graduate assistantships available and about half of the graduate students at OSU fund their education through those assistantships. We note with some concern that while graduate enrollment is up 2 percent nationally, it is down 16 percent at Ohio State this year, and part of that is due to fewer positions being available. Also as costs for health insurance, housing, and other living expenses go up, our stipend levels have remained stagnant for a year. So graduate students do feel squeezed on all sides, and we understand that it is part of the larger problem that the University is facing with its funding.

**STUDENT AFFAIRS COMMITTEE REPORT (contd)**

Ms. Duncan: (contd)

While the University is clearly facing a fiscal challenge, we find that one of the options that is being examined by the University, as a way to deal with the financial difficulties, is an option that we find rather unacceptable and that is the option of differential fees. I want to spend a few moments talking with you about that right now. As you may recall, last spring CGS expressed its opposition to differential fees and we remain opposed to differential fees, including the engineering computing fee which will be coming to you for approval. Although we have serious reservations, we do accede to this fee on a trial basis. We recognize that computing facilities in the College of Engineering have been allowed to decline appreciably and we recognize the funds the College has allocated are not sufficient to meet the needs.

Why does the engineering computing fee make graduate students so uneasy? Our concerns are not limited to the budget being balanced on the backs of students -- although certainly that is a concern -- we have other concerns with this fee as well.

First, what appears to be the subversion of the normal budgeting process at OSU. That is, if computing is a priority, and graduate students do believe that it is a priority, why then is it not included in the general funds budget and considered along with other priority items? Are computers any different than libraries and other resources that are necessary to keep the University operating? By allowing the College of Engineering to charge a computing fee, the University sends a message that the needs of the College of Engineering are more important than the needs of other units on campus and we wonder if this is the message that the University wants to send.

Second, for various reasons decisions have been made in the past that have left not only the College of Engineering, but much of the University behind the times in computer support. The unsatisfactory conditions we now face are the result of decisions made by faculty and administrators in the past, they are not the result of student decisions. Rather than holding decision makers accountable for those decisions, students are being asked to bail out the College of Engineering and the University through this differential fee.

Third, we believe that such a fee sets a dangerous precedent -- possibly opening a "Pandora's box" of fees at this University. No doubt approval of the engineering computing fee will prompt other colleges and departments to propose fees of their own to meet their own needs. There is not a unit on this campus that does not need money, but students and their parents do not have bottomless pockets. One of the goals in the Board of Regents' Managing For the Future Task Force Report is that higher education should be accessible and affordable to all. This is a goal that we highly support. We do not believe that students should be choosing their major or career based on what they can afford. We do not think that the decisions to change majors should be guided by the amount of fees charged in that major, and we do worry about the implications for student financial aid.

Fourth, as a university we appear to be ignoring a larger question, "Is it not time that we, as a university, ask the state why is it willing to give us money to build buildings, when it is not willing to give us money for libraries, computers, laboratories, and other resources that are necessary to run a world-class university?"

November 6, 1992 meeting, Board of Trustees

**STUDENT AFFAIRS COMMITTEE REPORT (contd)**

Ms. Duncan: (contd)

Let me reiterate that CGS reluctantly accepts the University engineering computing fee as a pilot project of limited duration. We do not endorse a permanent computing fee for the College of Engineering, nor do we excuse the flawed decisions of the past that have led us to this state. We believe a university-wide academic computing plan is critical and should be implemented. The College of Engineering fee is bitter medicine for the decisions of the past, but it is medicine we will swallow on a temporary basis on the clear understanding that this fee will be subject to comprehensive review within a year.

In closing, I deeply appreciate this opportunity to come before you today to share with you some of the issues in graduate student life at this University and to express the support of graduate students for the University during these challenging times. I would certainly be happy to answer any questions that you may have.

President Gee:

Karen, thank you, very much. We were going to discuss the computer fee today, although it is on the agenda for December, and I will ask Dr. Ray to come forward to discuss that proposal. Are there any questions that the Board may have for Karen regarding this or any other issue that she has brought forth? I might say on a very positive note, that we have been blessed with great leadership in our graduate students. Sean Tipton, over the past several years, and now Karen have done an outstanding job. Karen, you are certainly welcome to continue in this discussion with Dr. Ray as we talk a bit more about the computer fee in a more comprehensive context.

Dr. Ed Ray:

Let me make a personal observation -- and Karen is excellent testimony to it -- I have served on a number of University committees where we have had undergraduate and graduate student representation and these are first-class people. They raise the right questions and concerns. Karen expressed it quite eloquently when she said that -- and I think this expresses fairly the views of the University Fee Committee that proposed to bring the computer laboratory fee forward for your consideration -- this is a preliminary discussion. We want you to think hard about the pros and cons of this particular issue before you are asked to vote on a resolution. I will point out that the resolution that you will be asked to consider -- in fact embodies the caveats that Karen has already mentioned -- is viewed as a pilot effort. It will be a differential fee to provide a critical service to an academic unit that has a strong desire to move forward even in the worst budget times and to try to maintain state-of-the-art technology for its students in the learning process.

The resolution that you will be asked to vote on asks you to consider this as a pilot project and requires that it be reviewed annually until and unless alternative means of providing these resources to students are found. I think the committee would also endorse the idea that the University needs to get on with the very serious business of considering reallocations of resources within the University to match priorities more clearly perhaps than has been the case in the past. We must press the case forward with the state to get appropriate funding to provide the kind of

### **STUDENT AFFAIRS COMMITTEE REPORT (contd)**

Dr. Ray: (contd)

quality higher education that the state insists it wants. Those who have looked at the issues clearly understand it must have that funding if it is not to become a third-rate state in the 21st century. I think that we have had a number of discussions on that issue.

The proposal is to have a charge of \$120 per quarter for engineering majors. The understanding is that the money will go into a specific account targeted to provide laboratory space, computer equipment, and software to be used for the purpose of training graduate and undergraduate students in the College of Engineering. The need for computer services throughout the University is substantial and serious. There is an academic computing plan that involves many more millions of dollars of very necessary expenditures than we are able to provide funding for at this time. The understanding in moving forward with the College of Engineering proposal was: 1) that this is a proposal that the College has been working on for two years - - they weren't just picked out of a hat; and 2) there is a specific need within engineering training for high-end technology computer equipment that they need to make available to their students. That makes it a little more specialized need than the computing needs for the University community as a whole. Again, I want to stress that this is being viewed as one of the more urgent priorities -- within a very important priority for this University -- and that is upgrading and expanding the quality of computer resources available to all students and researchers.

In any event, the proposal asks for \$120 per quarter fee for majors in engineering. For this year that represents approximately a 13 percent increase in tuition payments, on top of the 9 percent that students are already faced with. The College of Engineering has been discussing proposals for the last two years. Students and faculty have had a lot of input into designing the package itself and in discussing the pros and cons of it. The College of Engineering intends to borrow against future receipts in order to go as far as it can to put the computers and software in laboratories and available for students the day they walk in, with the understanding that they are now paying fees for such services. The idea is to defer implementation of this fee structure until Spring Quarter, so that over the course of the next several months the College of Engineering will be able to do the work that needs to be done to have the resources available for students at the time they are asked to begin paying for it.

There is also the understanding that all funds collected in this fashion will go for the specific uses that we have been talking about here. You need to understand that the College of Engineering is now spending about \$2.2 million a year on computers and computer-related resources. This fee structure would generate approximately \$1.5 million a year on top of that which would be used for the specific purpose of training undergraduate and graduate students. The College estimates it would have to spend on the order of \$9 million a year to achieve a steady state-of-the-art technology for the kind of training that their students need.

Karen has already, rather eloquently, expressed some of the downside concerns, including this notion of differential fees within the University. I think some would find that unpalatable -- the notion that students in a public institution would face differential costs to one kind of education versus another. That may have an impact on students' career choices that many would find quite inappropriate. There

**STUDENT AFFAIRS COMMITTEE REPORT (contd)**

Dr. Ray: (contd)

is also this issue of who gets the differential fee as opposed to others to meet their specialized needs.

I have tried to explain that this is a project that the College of Engineering has been looking at very seriously for two years with a lot of participation. They happen to be first in the queue because they have recognized the urgency of their needs and the fact that the University didn't seem to be responding effectively. So they have tried to move forward with a proposal that made a certain amount of sense. But there is this other danger and that is we could start down the road where we have every college, department, or program coming forward with user fees. The user fees would be a way of essentially circumventing the reality we find ourselves faced with -- that we are underfunding higher education in Ohio and at Ohio State. The quality degradation that that process entails is going to show up systematically in some areas before it does in others. We need to figure out how we are going to get our act together to deal with it. The Committee's sense was that we would prefer to see the University reorder its house internally, and make its case more effective externally to get the resources that we need where we need them to provide the highest quality possible training for our students. As painful as the possibility is of going forward with a charge like this is, it is not responsible to walk away from the fact that if we do nothing, there will be a very quiet, but a very real degradation in the quality of resources available to our students, and that is not acceptable. We have to address this and we have to address it as quickly as possible.

Mr. Celeste:

Of the \$1.5 million, how much would go for the lab space, the equipment, and the software?

Dr. Ray:

The intention is that all the money that would be generated from this would go toward the computers and the computer software. The facility adaptations or renovations that were required for this would be part of the expenditures that the Engineering College would make. The College would not divert sums of money for physical space creation or renovation at the expense of having learning resources directly available to students.

Mr. Celeste:

Is the computer equipment you anticipate having there accessible only by coming to the location or is there remote access?

Dr. Ray:

It will be by having secure laboratory facilities available. What we are talking about here is high end, some work stations that can handle fairly sophisticated software. So we are not talking about things that we could substitute lap top computers for, at least at this time. We are really focusing on high-end technology at this point

**STUDENT AFFAIRS COMMITTEE REPORT (contd)**

Dr. Ray: (contd)

and in the foreseeable future would not be possible to provide except within a laboratory environment.

Mr. Shumate:

Certainly we are all committed to quality at this University, but, as you also indicated, as a public university we are committed to the concept of access. What has been the analysis or thinking on what steps we can take to try to minimize or avoid this type of procedure having a chilling effect on access?

Dr. Ray:

Well the answer is easy, getting there is hard. The answer is that we get our act together and we redirect resources internally. We do everything that we can to generate those external resources and to get the level of funding up to where it needs to be so that we can meet specific, targeted, quality needs without simply dumping additional costs on the students. I think that the way we proceed to that point is to get on with the business that we will be talking about later this morning -- what are we doing about planning and getting our act together and redirecting resources. I think that we adopt something like this very cautiously and with the understanding that we view this as an intermediate measure, that we are doing this on a pilot basis, with the understanding that it is going to be reviewed regularly. There should also be the understanding that we are going to explore alternative ways of providing these services, rather than presume that this is something that we want to stay in place long-term, or that it is something that we want to invite other units to view as the only way to get on with resource acquisition.

The University Fees Committee in its report -- before the engineering proposal came forward as a pilot possibility in May of 1982 -- specifically indicated that the Committee preferred university-wide fees if such measures were needed. They preferred to get along with the very large and expensive agenda of computing on campus and not have differential fees either on a course or by college or by major basis. So the University Committee that had to review this specific proposal is on record as preferring not to have a structure like this. I think Karen's statement about acceding to the adoption of this as a way of not simply walking away from the fact that these people have a particular problem that they are willing to try and deal with reflects the sentiment of the committee.

Mr. Shumate:

The point I am trying to make is that as a part of the evaluation of the pilot project, there should be an effort to evaluate or measure whether or not this has had a negative impact on access for students being able to enter and succeed in the Engineering Department.

Dr. Ray:

I think there has been some very serious soul searching within Engineering. The faculty seem to have a fairly clear sense that the feedback they are getting from the external community is that there is genuine concern about whether the students

**STUDENT AFFAIRS COMMITTEE REPORT (contd)**

Dr. Ray: (contd)

that they are turning out are in fact trained on the best available research and operating materials available. They are beginning to get nervous that they are going to fall behind very quickly if they don't move now. That is really where the impetus comes from. They understand what it takes to be effective teachers and they don't feel they have the tools needed to do the best job possible. They understand from the students and from potential employers that they need to move ahead with this matter.

Ms. Cusack:

Since it is supposed to be effective Spring Quarter, have there been any special provisions made for students on financial aid or students who are on scholarships? That is a pretty good chunk of money to throw at someone.

Dr. Ray:

There are really a couple of aspects to this that have to do with making the transition from doing nothing to trying to get on with doing something. The Engineering College has made it clear that they expect to provide their own resources for students who have particular financial needs and to help them deal with the financing of this add on charge. So they are intending to work with students on an individual basis to make sure that any damage of this sort -- in terms of what they can afford, what they are able to do, or career choices that they would make -- is minimized.

There are some more technical complications with graduate students, in terms of whether or not they are on projects where add on fees might be picked up immediately, or they are on their own resources and it hits them as a charge. Their intention for the first year is to basically underwrite those costs for graduate students, to avoid inequities in how they are treated by this add on fee. In the course of this academic year they hope to figure out what represents a fair way of levying this charge so that they don't pick on some people relative to others. But the need question is a real one.

President Gee:

I think that Alex's question is a very specific one that we wrestle with a lot. Every time we raise one of these fees or every time we raise tuition, what impact does that have in terms of access to this institution? As committed as we are to merit, we're committed to it on the basis of access and not on the basis of someone's ability to pay. Of course, again, we may not have all the structures that show that our tuition is among the lowest and a variety of other things, but the impact has to be dealt with. You are saying that the Engineering School in the short-term will have --

**STUDENT AFFAIRS COMMITTEE REPORT (contd)**

Dr. Ray:

Engineering will do what it can to try and minimize the hardship that individual students face as a result of these added charges. We are, as we all know because we have seen the statistics, low relative to other institutions in the state and nationwide in terms of tuition charges. But \$2,800 is still \$2,800, and for a lot of young people that is a very severe barrier to getting the kind of education they hope to get. So none of this is something that we would do on a whim. I think people are pretty sensitive to the problem.

Mr. Skestos:

In response to Alex's question -- you had mentioned that if we don't do this, it could result in a number of students not coming here because we don't have the facilities to serve them in their education. President Gee raised a question of the negative access from the standpoint of, "Are we going to drive some students away and cut down our enrollment in the future?" Hopefully, during this period of experimentation we can take a look at that. Then, you can come back to us and give us a report on whether this is really having a negative impact. Are there students not enrolling because of the added fee? Those are the kind of figures I would like to see.

Dr. Ray:

That is exactly right. That is why we proposed this be viewed only as a pilot project and that it be monitored regularly until and unless we find alternative ways to provide these services.

President Gee:

I think it is important to try to put one thing in context here. Karen, you raised a very important question -- are we doing this as an ad hoc issue? In other words, we get a budgetary problem and so we go and put it on the backs of students, or have we tried to think this thing through more long-term. The answer is yes. That is the reason that when it was initially proposed rather than us saying fine we will do it -- because Engineering has made a very persuasive case -- we said no we won't do it until we have thought through the impact and what the University wants to do. I believe this and this is my view -- not expressing it as the University's view - - a university in today's world has the responsibility, particularly on the technology side to provide a minimum sense of support for all students whether they be in dance or engineering. The reality is that when we try to meet the needs of engineering, we start charging dance students to meet that need at some point. If you were to vector this at some point, they cross the line and there is a fairness issue that is on that side of it. I believe that what the committee is trying to do is wrestle with this. By accepting the academic computing plan and a variety of other proposals, and having set up the Vice President's Task Force, we are going to move forward in terms of technology in a way that provides a level of support for all of our students and faculty at this institution. But at the same time, there are pockets within the institution that have very voracious needs and those needs could consume everything that we have. The question is how do we pay for that? And isn't it perhaps fair for those who are the ultimate users pay some share or cost for that? That is a broader philosophical issue that could go all across the board.

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### **STUDENT AFFAIRS COMMITTEE REPORT (contd)**

President Gee: (contd)

Should our dancers pay for our physicians? That is another way to put it, and I think that the answer is that we do need to have some differentiation.

Ms. Duncan:

I wonder why computers are any different than libraries. I think that students in different disciplines may make different differential use of many different services on campus. As you say, there is a larger philosophical issue that we need to discuss.

President Gee:

And we need to ask the question about libraries and other things. I would contend that perhaps with very specialized library resources we do charge differentiated approaches to them. You asked the question, but you can answer it the other way, too.

Mr. Barone:

Has anyone exploited -- and I like to use the word "exploited" -- contacting other engineering firms which can lease this equipment? Maybe we could lease it back for \$1.00 a year or something . There are industries and companies that have done this. I know Dana Corporation in Toledo does this frequently. They will buy certain equipment and lease it to the University and to the students in order to help. It does help the community in employment and knowledge.

Dr. Ray:

Yes. In fact, Mr. Chairman, the College of Engineering intends -- with the money that is advanced to it -- to work on leasing arrangements to maximize the resources for each dollar that is used.

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### **INVESTMENTS COMMITTEE REPORT**

Amb. Wolf:

The Investments Committee met yesterday afternoon to perform our annual review of the Endowment Funds Equity Managers. We heard presentations from the Student Investments Management class, the Chicago Corporation, Wood Island Associates, Nicholas-Applegate, Wells Fargo, R. Meeder and Associates, and the University Office of the Treasurer, which manages part of the portfolio.

It is reported that for the twelve months ended June 30, 1992, we had a total return of 24.3 percent versus the 13.4 percent return for the Standard and Poor 500 index. Also, outperforming the S&P 500 were the Office of the Treasurer, which administers part of our account, and two investment advisors, Nicholas-Applegate

November 6, 1992 meeting, Board of Trustees

### **INVESTMENTS COMMITTEE REPORT (contd)**

Amb. Wolf: (contd)

and R. Meeder. I am pleased to announce that the student investments class recorded the best performance.

The Investments Committee also reviewed additional investment performance information and discussed topics including asset allocation, broker commissions, and manager fees. Recommendations regarding the allotment to our managers were made and will be presented as a resolution to the next full meeting of this Board.

I would also like to report that the market value of the University's Endowment Fund as of October 16, 1992 was \$411.1 million. This concludes the Investments Committee report, Mr. Chairman.

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### **FISCAL AFFAIRS COMMITTEE MEETING**

#### **REPORT ON ENROLLMENT**

Mr. Shumate:

Our first item of business this morning is a report on enrollment from Vice President Shkurti.

Mr. Shkurti:

Thank you, Mr. Shumate. This is an annual report that I provide every fall on 14th day enrollment. With us today is Jim Mager, Director of Admissions. Jim is really the soldier in the trenches who handles a lot of this, so if I get stuck on answering any of your questions, he will be delighted to assist.

The issues to be reviewed are: 1) What is our current enrollment? 2) What is the composition of the student body? 3) What is the quality of the incoming class? 4) What progress has been made in increasing minority enrollments? and 5) What are the implications for the future, including the financial implications?

Let me start first with the current enrollment and that is the page headlined 1A. Our total enrollment this fall is 58,585, down 2,000 in terms of head count from last year. This is the lowest enrollment for the University as a whole since autumn 1987. We will talk about why in a minute. The decline was substantially on the Columbus main campus, the lowest enrollment since the fall of 1982.

Next if you turn to page 2A, we talk a little bit more about the Autumn 1992 enrollment on the main campus. Actually the number of new first quarter freshmen we attracted has remained at the desired level, which is 5,300 -- so we did hit that target. I might add that the retention of new students from last fall is up from last year's rate to 82.2 percent. This is one of the things we hoped to accomplish when we moved to selective admissions. The question is, "Where did we lose students if we picked them up as new first quarter freshmen?" There are two places. One,

**REPORT ON ENROLLMENT (contd)**

Mr. Shkurti: (contd)

the number of continuing undergraduates is down 1,345 from last year's level. And second, we believe we lost part of these students in the summer, and part of them in the fall, primarily because of the bad economy. They simply did not have the financial resources to come back to school.

In addition, the enrollment of new graduate students decreased by 16 percent. While we kept the graduate students we had -- which has been kind of the reverse of the undergraduates -- we didn't bring in a lot of new students and Karen referred to this in her testimony. We believe the reason for this is in dealing with the budget cuts -- we have been cut so many times, we don't have too many more places to turn, especially in the academic departments. The money is just not there to sponsor graduate students. The departments rightfully are trying to protect and keep the students they have before they bring on new students. So without the financial support that is needed, we are unable to attract as many graduate students as we had hoped.

If we turn to 3A, we talk about the quality of the incoming class or the new first quarter freshmen. As the President mentioned in his opening remarks, autumn 1993 represents one of our best freshman classes ever. The improvements have been realized in almost all quality measures which are on the following page. For example, the number of University scholars is up 19.8 percent and the number of high school valedictorians is up 15.9 percent.

The next set of figures on page 4A, deals with minority enrollment. Even though our overall enrollment is down, the autumn 1992 minority enrollment is up -- up 4 percent from last year and is the highest on the Columbus campus ever. So minorities now represent 10.9 percent of the student population on the Columbus campus. In addition, which I think is an equally significant statistic, not only are we bringing minorities to the campus, but our retention, particularly of Black new first quarter freshmen, is now 70.8 percent. That is the second highest level ever achieved by the University.

On page 5A, is a summary of the information I have just covered. I think it is fair to say that the University continues to attract quality students at all levels.

Mr. Wexner:

The class decrease in size -- how does that match with national experience or the Big Ten experience? Do we know?

President Gee:

We have some data -- it is mixed across the country. Much of it is related, again, to the economy and also institutions that have had dramatic budgetary reductions. California and a variety of other places have had huge decreases in the numbers of students. We can provide that data, though I am not certain that we have that readily available. We can get that data, but we fall somewhere in the middle in terms of that roll-off. Of course, our numbers are so big that anytime we lose a percentage that is a substantial number of students for us.

**REPORT ON ENROLLMENT (contd)**

Mr. Shkurti:

I would also add, Mr. Wexner, although all the other Ohio public four-year colleges and universities are not necessarily comparable to us, because they are not comprehensive research institutions, we do have figures for elsewhere in Ohio. The pattern has been for every four-year main campus in the state to suffer some sort of enrollment problem. So we think, in part, that this reflects the economy and the tuition increases from the reduction of state aid. We don't have all the figures yet across the country, but as the President indicated that record is somewhat mixed.

Mr. Wexner:

If I were looking at it on a regional basis or a national basis, I would take out of my statistical base, say California, because it is unique and it would distort the average. For this discussion about fees, tuition, and minority enrollment, I would like to see more information presented so that we are seeing ourselves in a comparative universe. For example, 10 percent down may be very good or it could be catastrophic. Another example is -- and I am only talking about myself -- I can run a mile in 9 minutes. But if that is the only knowledge I have, if I don't know that there are Olympic athletes that can run a mile in less than 4 minutes, I have no standard of comparison. Relating to the discussion earlier about planning, budgeting, and charges, I don't have a frame of reference -- maybe other Trustees do -- but I think the University in total has to see itself in a national competition against similar universities for students and for resources. We always have to see ourselves that way.

Mr. Shkurti:

Mr. Wexner, I agree with you. Let me state two things: 1) we do keep regular comparisons of our fees and charges compared to other public comprehensive research institutions, and I will be glad to provide that for you; and 2) we will try to provide you comparative enrollment information, to the degree we can get it, that addresses the same issue. If this is the kind of information that you feel would be helpful --

Mr. Wexner:

I am not saying this on a personal basis, I'm trying to say this is a policy issue for the Board, the faculty, and certainly for the President to consider. The question is if we have a vision, as the medical school and the Hospitals have expressed, in terms of being at the top ten level, then you always have to know where the top ten are and where we are. If the University is going to advance in all areas, whether it is support from the state or tuition or the caliber of resources, I think we have to know where we are and where we are advancing to.

President Gee:

You are absolutely correct. We have all those comparative data, particularly on our planning side, which we will provide. In the Managing For the Future Task Force report today, we will provide a lot of comparative data. We cannot make decisions about whether we are moving forward or not in a vacuum. We have to know how we compare to a variety of sources. Second of all, I think it is very important --

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### **REPORT ON ENROLLMENT (contd)**

President Gee: (contd)

and the point is well made and has been made several times -- when we provide these kinds of data we should not just be comparing ourselves, in terms of this discussion, with ourselves. We do want to know what has happened to us over a trend line, but also what is happening nationally to get some sense of our overall context. We'll start to do that. Even though we have the data and we use it in our planning process, it needs to be more widely distributed.

Ms. Casto:

Is the enrollment down purposely?

President Gee:

Some of it is down purposely. As you know, we targeted 5,300 -- let me just make a point here, 5,300 freshmen, the best class in the history of the University and that was by design. But there were some parts of it that weren't by design, and Karen made the point in terms of the loss of graduate students. Our intent, frankly, was to start moving the other direction. Remember we have talked about this -- a slightly lower number of undergraduate, and a slightly higher number of graduate students. Instead we got a slightly lower number of undergraduates by design and a lower number of graduate students not by design, but by impact. That is a very serious problem for us. The other thing is on the retention side -- we are going up steadily and that is very good, but a number of students didn't return, about 1,300 this year. We are trying to determine why. We think the majority was related to the economy and not, in this instance, to the University being unable to provide resources, or that they failed out, or a variety of other things.

Ms. Casto:

I have asked for that data before. I am hoping that it is not due to quality, because we had cut so many student services at that time. I pointed out to Bill Shkurti that there is a magic 400 number here, and that is the number of students that we predicted could be budgetarily affected in the Graduate School. We looked back and, in fact, it was. So I think we need to look into this further as to why all these things happen.

Mr. Shkurti:

We will have a more detailed budget impact study for the Board at the next meeting, which will detail numbers. We are still guessing at what numbers we lost for this or that. We will know exactly how many undergraduate student positions have been lost, how many graduate teaching positions have been lost, how many other positions have been lost, and this will give you a better feel for the impact of these budget reductions.

Ms. Casto:

Also, what is the difference between a continuing student and a returning student?

November 6, 1992 meeting, Board of Trustees

### **REPORT ON ENROLLMENT (contd)**

Dr. Mager:

A continuing student is a student who was here either summer quarter or spring quarter. A returning student is a student that was gone spring or summer, but was enrolled previously in 1992 -- they stepped out and now they are returning.

Mr. Skestos:

Do we do any kind of exit poll on these non-returning students to get an idea of why they are not coming back? There are a lot of answers possibly out there -- maybe some students realize that college is not the place for them, or maybe they should be going to a technical school or some other place. Do we do anything at all to determine why these students are not returning?

President Gee:

The answer is yes and we do it in a variety of ways. Jim, you may want to answer this question.

Dr. Mager:

The best thing that we can do is a sampling, because many students are enrolled one quarter and do not return and they leave no forwarding address. The sampling that we have done for people who identify themselves on the way out is that many of the students have personal or financial reasons. Financial problems would be the number one reason. Now, again, none of the reasons are more than 50 percent -- 20 percent or so are financial reasons, other personal reasons, and some students, academically, are finding it very difficult. So, I am saying financial reasons and personal change reasons, such as having to do with a marriage or something like that. Then all of these reasons would add up to 100 percent.

Mr. Shkurti:

Let me conclude by summarizing, again, that we feel in terms of attracting quality freshmen, that is good news. In terms of recruiting quality minority students, that is also good news. The bad news has been that we haven't been able to meet our expectations on continuing undergraduates and on attracting new graduate students. The implications of these numbers for subsidy and fee income -- because as you know the Regents' funding formula is primarily enrollment driven -- we predicted when the budget was put together last spring and early summer we feared that there would be some enrollment decline and tried to build that into the numbers. So even though enrollment is down by a large number of students, we don't feel that we need to change our projections at this point. We won't know for sure what our subsidy income will be until December. Right now we are estimating that the final numbers we will have for you in the middle of the year will be within plus or minus \$2 million of the estimates that we gave you earlier in the summer, even taking into account this 14th day enrollment loss.

**REPORT ON ENROLLMENT (contd)**

Mr. Shkurti: (contd)

The second implication deals with resource allocation. This is a rather large institution, but I think what we are finding is not imperious to the budget problems and reductions in state aid and some of the other elements of the national economy. Another resource allocation decision we will have to face is what do we do with limited funds regarding closed courses. We have students coming in, paying fees, and drawing subsidies, and however bad or however disappointing these enrollment numbers are, it scares me to think of what they might have been had the Board not supported the proposal to reallocate \$1.5 million to take care of closed courses and keep additional sections open this fall. I think we did the right thing last year, and we will probably be faced with a very similar, difficult budget decision in the budget that we put together this spring in terms of where we put our limited resources. This is all connected and we need to make sure that we are keeping our courses open and having students coming in. The thing we want to avoid is what is called in higher education, "the death spiral." This is where we cut out courses and classes so fewer students come here, and because fewer students come here we have less tuition and less state support so we reduce more courses which means even fewer students come here. This is something that we need to avoid at all costs when making our resource allocation decisions.

Ms. Casto:

Bill, in this budget that we are going to look at will the amount of moneys that have been lost be reflected?

Mr. Shkurti:

Ms. Casto, I think if I understand your question correctly, the money we think we have lost because of the drop in enrollment this fall, we predicted pretty closely, within plus or minus \$2 million which will come out. So if that is what you meant by your question the answer to that is yes. If the question is what will be the impact next fall, we are not yet at a position where we are able to project that. We will have to discuss that when we put the next budget together.

Ms. Casto:

In other words, with the \$7.5 million that we have to take in reductions, we could have another \$2 million in reductions on top of it?

Mr. Shkurti:

It could be as much as another \$2 million, which would mean \$9.5 million, but it also could be as low as \$5.5 million, that is the plus or minus \$2 million. My expectation and my hope is that it will be fairly close to the \$7.5 million. I was hoping that we would have better results with enrollment than we expected in July. What would have been a \$7.5 million problem may have become a \$6 million, \$5 million, or a \$4 million problem. It now looks less likely that that is going to happen because enrollment is not over what the projections were.

**REPORT ON ENROLLMENT (contd)**

Mr. Shkurti: (contd)

Then the final point deals with the question Mr. Wexner asked earlier. One of the things we as an institution have to grapple with, in terms of our long-range planning, is what size of an institution we want to be. Whether we want to try to grow every fall, or whether we want to deliberately reduce enrollment, and if we do, what are the enrollments we deliberately want to reduce. So that will be one of the issues facing our planning process in the months ahead.

Mr. Chairman, that concludes my presentation. I will be glad to answer any additional questions.

Mr. Shumate:

Are there any questions on the enrollment report? If not, the report is received.

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**BUDGET UPDATE**

Mr. Shkurti:

This is the first quarter budget adjustment and is not a report we spend a great deal of time on because it reflects only those actions that have taken place in the first 2 or 3 months after the budget was approved. You will have a more detailed report, which I hope will encompass the final numbers from these enrollment changes, when we do the mid-year review in February. The two number changes that you see in this report are the ones resulting from the tuition cap being increased by 2 percent after the budget was passed and also the adjustment of 1.5 percent in classified employee salaries that was made. Those are both reflected in that first quarter report.

Mr. Shumate:

Are there any questions? If not, that report is received.

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**REPORT ON UNIVERSITY PLANNING, MISSION, AND  
RESOURCE MANAGEMENT**

Ms. Casto:

I would like to call on Dr. Ray for his report.

Dr. Ray:

Bill Shkurti will have some more to say about the contents of the book that was distributed to you. I would like to ask you to turn your attention to the material that was handed out this morning stamped "DRAFT." The intent of this material is to try and give you a sense of where we see ourselves in the planning resource management process and to provide you with some of the documentation that you

**REPORT ON UNIVERSITY PLANNING, MISSION, AND  
RESOURCE MANAGEMENT (contd)**

Dr. Ray: (contd)

really ought to have, not simply for purposes of discussion today, but as we move through the future. I would expect that we can provide supplementary material as we go along. What we want to focus on today is an update on the feedback that we've gotten on the mission and vision statements that you have seen earlier drafts of and that were presented to the University Senate by the President on October 3.

What I would like to do before we get into my perceptions about where we are on mission and vision and the issues that you need to think about, is try to put this a little bit more in context. Our sense is that we are trying to proceed with the planning process this year on two levels. At the upper level we are trying to rationalize the planning process and procedures within the central administration. We also feel we are trying to systematize operating procedures within academic units. The idea is that basically we need to situate ourselves both at the top and bottom throughout the University to be able to respond to a number of internal and external pressures that we have to deal with.

In dealing with the rationalization of University priorities, we are talking today a little bit about mission and vision statements. The idea is to focus on what we are about, what are our boundaries, and how do we see ourselves moving through the next 5 or 10 years. Once we have completed that task, we expect to be reassessing current long-term commitments by the University and bringing those in line with our perception of where we want to go long-term. We expect that sense of purpose that we establish during the course of this autumn to help us develop budget themes for the next budget cycle. We need to bring long-term perspectives on where we are going with Academic Planning and Resource Management in line with our annual budget cycle so that people can see that there is a kind of consistency to what we are doing over time as we move from budget to budget.

The restructuring of the planning process within the central administration includes the adoption of openness and accountability by the University in its planning and budgeting processes, as reflected in the publication of budget allocations last summer in the creation of the University Priorities Committee. That committee is intended as a permanent advisory committee to the Provost, President, and the Board of Trustees. Our objective is the use of open access to information and decision making as a vehicle for linking interests to discipline, for the planning budget activities of the University, and to establish accountability. It is a very different way of doing business than the University has been accustomed to in my 22 years here.

When I talk about systematizing operating procedures within academic units, we are talking about articulating how we deal with issues such as work load, which we already have had some discussion of here, tenure reviews, post-tenure evaluation, and other issues on a system-wide basis. I think that what we are trying to do is to lay groundwork for an open, rational system for management, with well-defined responsibilities at every level of the University. I think that if we can get on with the task this year, then next year we will see something that looks more like the traditional planning process with coordination from top to bottom. If you allow me

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**REPORT ON UNIVERSITY PLANNING, MISSION, AND  
RESOURCE MANAGEMENT (contd)**

Dr. Ray: (contd)

a more colorful characterization, I think this year is about getting our act together. Essentially, we want to make sure that everyone understands what we need to be doing at every level in this University, and how we need to coordinate with each other so we can move forward.

I said that we wanted to rationalize the planning process within the University and central administration, and the first step of that is to reach some consensus about the mission and vision of this University for the future. If you will turn to the second page of that handout, you will see restatements of the mission and vision statement. These are basically the same statements that President Gee presented to the University Senate on October 3. Since that time, I would judge that in written form to the President and myself, there have been as many as 30 individual suggestions about changes that could be made in the mission and vision statements. I think all of those were very thoughtful, and many suggestions that one could see incorporated in one form or another. I guess at this point I would suggest that the Board look at the mission and vision statements that we have as a package. The vision bullets nicely compliment and clarify the statement of mission.

Look at that as a package -- it gives us a directive for moving into the future. See if there aren't some particular points of emphasis that you think need to be enhanced or perhaps decreased.

The kinds of comments that we have gotten typically have been expressions of concerns by particular constituent interests that perhaps they are not viewed as important as they believe they are, and frankly we often believe they are in the University. For example, there were a number of comments from academic units where people are very involved in extension work or outreach efforts, or continuing education -- or any of the number of other things that are important to what this University is about -- who want to see that word in there and they look and the word isn't in there. In the mission statement it is stated that we are committed to our land grant heritage of creating knowledge, of reaching out to the community, of being a part of people's lives, but there are people who don't see the word "extension" in there and would like to see it in there. One can understand what their concern is. They want reassurance that we are not moving inappropriately away from our traditional commitments. There are other people who have asked, for example, that the word "professional" be added when we talk about undergraduate and graduate students. The terms undergraduate and graduate are certainly inclusive enough and I don't think that anyone in the University would think that professional school students aren't part of the undergraduate/graduate student body. But, again, I think that the request for a specific reference reflects genuine concerns for people and they want to be reassured that we are not overlooking their importance and their interest in the University. I think there is a natural tendency for constituent groups to want to see the right phrase or the right buzz word and to indicate that we still consider them very much on board.

My own perception is that with all the interests and concerns that I have heard expressed, I do not believe that there is anything in the mission or vision statement that excludes the appropriate constituencies as part of the group that we want to move forward with. But, again, this is a matter of honest judgment. Let me stop there, and respond to any questions that you may have.

November 6, 1992 meeting, Board of Trustees

**REPORT ON UNIVERSITY PLANNING, MISSION, AND  
RESOURCE MANAGEMENT (contd)**

President Gee:

Ed, I do think that it is fair to say that although there were a number of comments regarding a particular word or a phrase, in terms of the boundaries of the statement itself, there seems to have been a general agreement that it does provide the appropriate boundary and definition for this University. Am I not correct about that?

Dr. Ray:

Let me make a personal observation. I was a department chair for 16 years and I can tell you that the nature of academics is such as not to tell you when you got something right, but not to miss a beat when it is not quite right. When something of this sort gets circulated for general comment and there is not a lot of strong sentiment expressed, or some thoughtful suggestions about how you might change a word here or a phrase there, then it tells me you are pretty much on the mark -- that people pretty much see what you are about and find themselves comfortable with it. That is sort of my gut reaction to where we are on this issue.

Ms. Casto:

I am going to ask the Committee to meet before the next Board meeting and discuss this. I think it is an excellent suggestion. Thank you, very much.

Dr. Ray:

Ms. Casto, I don't know if you wanted to pursue one other issue. There was some discussion and it really is not clear to me why the nature and the appointments on the University Priorities Committee aren't clearer. There has been an effort to make this information as explicit as possible. If you turn to the three pages that deal with the University Priorities Committee, it is useful to have people hear one of the paragraphs under the charge for this Committee. "This Committee is an advisory and coordinating body, not an administrative or governance committee. Day to day operational decisions will still be made by the appropriate administrative entity, such as the Executive Committee and reviewed by the appropriate element of the University's governance structure."

There is no effort in the creation of the University Priorities Committee to supplant any of the existing processes or mechanisms for making decisions at this University. This group is really intended to, in a sense, be the eyes, ears, and conscious for a central administration, to make sure that we are constantly in touch with University community members before initiatives are undertaken, before long-term targets are set, and before we find that, in fact, there isn't a consensus for a particular long-term agenda item.

November 6, 1992 meeting, Board of Trustees

**REPORT ON UNIVERSITY PLANNING, MISSION, AND  
RESOURCE MANAGEMENT (contd)**

Dr. Ray: (contd)

The last page of that three page handout indicates who the individuals are on this committee and I'd only point out that this group includes: three senior administrators, vice presidents, five members of senate committees to get representatives from the various governance bodies, six regular faculty, three students -- undergraduate, graduate and professional school students -- two staff persons, and other resource people associated with it. The idea is to make this group as broadly representative of the University community as possible.

The last few pages of the handout starts with the page entitled, "Long Term Resource Management." Again, we are trying to develop a system of open access to decision making at this University, without allowing anyone to duck responsibility.

There are people on this campus who are paid to make decisions, just as you have to make difficult decisions. What we want to be clear to the University community is that this is a mechanism for access, review and consultation of decisions that are made at this University. This group was never intended to take the hit, under the worse of circumstances, for things that may or may not go wrong at this University. It is really intended to provide us with input.

The last several pages consist of a number of questions we need to be asking ourselves such as, "What size should we be? What should be the undergraduate and graduate mix? In what sense do we operationalize our commitment to diversity?", and a number of other issues. I expect we will be sharing this document with the members of the University Priorities Committee and ultimately with the University community at large to get input into the process. We want to make sure we're asking the right long-term questions so as we move forward there is an understanding of where we're going.

Ms. Casto:

Thank you. That's very important and very good that it come to us from within. I think the more people that get involved the better off we are in the long run. I'm glad to see that everybody is moving forward on this.

Mr. Shumate:

Any other questions or comments?

Mr. Barone:

Are there other universities that have followed this procedure? If they have, what has been the effect to date?

President Gee:

There have been several universities that have tried a variety of different planning approaches, several in the Big Ten: the University of Minnesota and the University of Michigan. In all candor, they've gone back three or four times to the beginning because they have failed. I take great pride in the fact that we are much further along than almost any other institution, public or private. I was just with a group

November 6, 1992 meeting, Board of Trustees

**REPORT ON UNIVERSITY PLANNING, MISSION, AND  
RESOURCE MANAGEMENT (contd)**

President Gee: (contd)

of colleagues -- at Yale where they had three Nobel laureates meet in a private room and say this is the future of the University, the university president is no longer there and this whole planning process is in shambles. We actually allocated dollars on the basis of a very clear set of priorities this year, and it will be absolutely allocated next year. I think it's because we've been enormously open and communicative about it, frantically so. We've tried to get as many people involved, but ultimately we have made some very tough decisions. We know how good we are because we have everyone in the country coming to take a look at us.

Mr. Shumate:

Any questions or comments? I think it is important for the Trustee Planning Committee to meet and thoroughly review and analyze this information. I would suggest that notice be sent to all Trustee members in case others would like to attend that meeting.

President Gee:

That's a good idea.

Mr. Shumate:

Thank you, Dr. Ray.

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**WAIVERS OF COMPETITIVE BIDDING REQUIREMENTS  
JULY - SEPTEMBER 1992**

Resolution No. 93-44

Synopsis: Acceptance of the quarterly report on waivers of competitive bidding requirements is proposed.

WHEREAS the Purchasing Policy of The Ohio State University, adopted by the Board of Trustees on September 7, 1984, and revised on February 7, 1992, provides that the President and/or Vice President for Business and Administration may grant a waiver from competitive bidding in the event of an emergency, when a sufficient economic reason exists, or when the goods or services can be purchased from only a single source, with a report on such waivers to be made quarterly to this Board; and

WHEREAS the Vice President for Business and Administration has submitted a report on waivers of competitive bidding requirements granted for the period of July - September, 1992; and

November 6, 1992 meeting, Board of Trustees

**WAIVERS OF COMPETITIVE BIDDING REQUIREMENTS  
JULY - SEPTEMBER 1992 (contd)**

WHEREAS during the period covered, the Vice President for Business and Administration, at the requests of the departments making the purchases and upon the recommendation of the Purchasing Department, granted 34 waivers of competitive bidding requirements for annual purchases totaling approximately \$13,575,300.00, including \$8,748,000.00 for publications for the University libraries and other departments, as shown on the enclosed exhibit:

NOW THEREFORE

BE IT RESOLVED, That the report on waivers of competitive bidding requirements for the period of July - September, 1992 is hereby accepted.

Upon motion of Mr. Shumate, seconded by Mr. Celeste, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix X for background material, page 333.)

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**EMPLOYMENT OF ARCHITECTS/ENGINEERS AND  
REQUEST FOR CONSTRUCTION BIDS**

Resolution No. 93-45

**STORM SEWER SEPARATION, PHASE II;  
BEVIS HALL - TRANSGENIC ANIMAL FACILITY**

Synopsis: The Fiscal Affairs Committee recommended authorization to employ architects/engineers and request construction bids for the listed projects.

WHEREAS the University desires to proceed with the second phase of the Storm Sewer Separation for the Columbus campus with the new storm sewer to service the north and west central portion of the main campus; and

WHEREAS the total estimated cost of the second phase of this project is \$1,000,000.00, and the total estimated construction cost is \$900,000.00; with funding provided by University bond proceeds; and

WHEREAS the University desires to proceed with the construction of an approximate 20,000 square foot facility to conduct immune deficiency research in Bevis Hall; and

WHEREAS the total estimated project cost is \$3,700,000.00, and the total estimated construction cost is \$2,750,000.00; with funding provided by University bond proceeds (\$2,500,000.00) and a National Institute of Health grant (\$1,200,000.00):

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to select qualified architectural/engineering firms as necessary for these projects and that the fees for these services be negotiated between the firms selected and The Ohio State University; and

November 6, 1992 meeting, Board of Trustees

**EMPLOYMENT OF ARCHITECTS/ENGINEERS AND  
REQUEST FOR CONSTRUCTION BIDS (contd)**

STORM SEWER SEPARATION, PHASE II;  
BEVIS HALL - TRANSGENIC ANIMAL FACILITY (contd)

BE IT FURTHER RESOLVED, That the President and/or Vice President for Business and Administration be authorized to request construction bids on these projects in accordance with established University procedures, and if satisfactory bids are received, to award contracts, with all actions to be reported to this Board at the appropriate time.

Upon motion of Mr. Shumate, seconded by Amb. Wolf, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**REQUEST FOR CONSTRUCTION BIDS**

Resolution No. 93-46

NORTH RESIDENCE HALLS - CHILLER REPLACEMENT, PHASE II  
RHODES HALL - SURGERY SUPPORT HVAC REVISIONS

Synopsis: The Fiscal Affairs Committee recommended authorization to request construction bids for the listed projects.

WHEREAS the Office of Residence and Dining Halls desires to proceed with replacement of chillers in Barrett House, Halloran House, Haverfield House, and Houck House; and

WHEREAS the total estimated project cost is \$450,000.00, and the total estimated construction cost is \$400,000.00; with funding provided by University bond proceeds; and

WHEREAS the University Hospitals desires to proceed with HVAC revisions within the Surgery Support area of Rhodes Hall; and

WHEREAS the total estimated project cost is \$136,000.00, and the total construction project cost is \$110,000.00; with funding provided by University Hospitals:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to request construction bids on these projects in accordance with established University procedures, and if satisfactory bids are received, to award contracts, with all actions to be reported to this Board at the appropriate time.

Upon motion of Mr. Shumate, seconded by Mr. Kessler, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS**

Resolution No. 93-47

MACQUIGG LABORATORY  
OARDC - DAIRY MATERNITY AND CALF BARN REPLACEMENT  
OXLEY HALL - MASONRY IMPROVEMENTS  
ATI - PHASES II AND III, BUILDING IMPROVEMENTS, POLE BARN, AND  
LAND IMPROVEMENTS  
SOUTH RESIDENCE HALLS - WINDOW REPLACEMENT

Synopsis: Acceptance of the report of award of contracts and the establishment of contingency funds for the listed projects is recommended.

WHEREAS resolutions adopted by the Board of Trustees on May 4, 1989, September 7, 1990, October 5, 1990, May 3, 1991, and June 5, 1992 authorized the President and/or Vice President for Business and Administration to request construction bids in accordance with established State of Ohio and University procedures, and if satisfactory bids were received to award contracts for the MacQuigg Laboratory, OARDC - Dairy Maternity and Calf Barn Replacement, Oxley Hall - Masonry Improvements, ATI - Phases II and III, Building Improvements, Pole Barn, and Land Improvements, and South Residence Halls - Window Replacement projects.

NOW THEREFORE

BE IT RESOLVED, That pursuant to the actions previously authorized by this Board, the report of award of contracts and establishment of contingency funds for these projects is hereby accepted.

Upon motion of Mr. Shumate, seconded by Mr. Kessler, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix XI for background and maps, page 335.)

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**REPORT - EXPENSES FOR DESIGNATED ADMINISTRATIVE OFFICIALS**

Resolution No. 93-48

Synopsis: Approval for reimbursement of expenses for designated administrative officials is requested.

WHEREAS, the Fiscal Affairs Committee has authorized the payment of expenses for designated administrative officials; and

WHEREAS, it is deemed in the best interest of the University for the Fiscal Affairs Committee to provide from the unrestricted gifts to the University Endowment Fund on an appropriate basis, to the President and designated University officials, reimbursement for expenditures which are directly and necessarily related to the performance of their assigned responsibilities and in the best interest of the University:

NOW THEREFORE

November 6, 1992 meeting, Board of Trustees

**REPORT - EXPENSES FOR DESIGNATED ADMINISTRATIVE OFFICIALS (contd)**

BE IT RESOLVED, That the Fiscal Affairs Committee be authorized to provide reimbursement to designated University officials from unrestricted gifts to the University Endowment Fund.

Upon motion of Mr. Shumate, seconded by Mr. Kessler, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**AUDIT REPORT**

Ms. Pichette:

As you know, the University has a contract with Coopers & Lybrand for annual audits of the University for fiscal years 1991-1995. Coopers & Lybrand has completed the audit for FY 1991-1992, and we are submitting that for your acceptance. You should have two documents with your agenda materials, the Audited Financial Statements and a separate report on Internal Control Structures, the Auditors' Recommendation, and the University responses. The audit was reviewed in detail by the Fiscal Affairs Committee at its meeting yesterday. I also want to point out that the Controller's area, the Auditors, and Internal Audit should be congratulated for having this audit completed by September 18. At this time, I'd like to introduce Mark Hilligoss, Director of Internal Audit.

Mr. Mark Hilligoss:

To be brief, we were asked to capsulize yesterday's committee meeting and I'm going to ask Bill Shkurti to present the financial review, in Janet Achterman's absence, and then Dave Gaston will present the auditor's report.

Mr. Shkurti:

Thank you, Mark. Janet Achterman, the Controller, would normally make this report, however, her father is undergoing open heart surgery this morning so she asked me to fill in. There's probably nothing worse than a non-accountant trying to explain accounting data, but I will give it a whirl.

There are three things to keep in mind regarding the annual audit report of the University: 1) "Is the audit a clean audit?" and Dave Gaston from Coopers & Lybrand will address that issue; 2) "Is the audit a timely audit?" and Mark Hilligoss will deal with that; and 3) "What does the audit show about the financial condition of the University?" and that's what I will summarize very briefly. I will talk about three areas: revenues, expenditures, and the overall financial health of the University and these will be shown on the slides. I will also refer you to specific pages in the audit book.

The first chart, which deals with the composition of where the money comes from, is on page 5 of your books. You'll see a reference throughout this report to E & G costs -- that is education and general. The reason we use that particular designation is it takes the University Hospitals out of the picture -- not because they aren't important, but they substantially support themselves and, in fact, help the University. To get a picture of what's going on in the main campus academic core of the institution -- what this does is compare the percentage of education and

**AUDIT REPORT (contd)**

Mr. Shkurti: (contd)

general cost covered by student tuition and fees. You can see back in the early '80s the students paid about 25 cents out of every dollar of the cost. Then as state support increased steadily in the mid-'80s, the students' share declined steadily by conscious University policy to about 20 percent. Beginning in 1987 when the state budget started to tighten up and state support to universities started to decline, the University made up part of this loss of support by turning to the students for a higher portion of tuition and fees. Now they are back up to 25 percent, which is where we were about 10 years ago. So one way our revenue picture has changed is that students are back to paying a higher share of their education.

If we turn next to the expenditure side, on page 7 of your books, you'll see current fund expenditures by category. There is a category called Academic and Institutional Support, which is essentially central administration. You'll see that over the last year spending in that area has declined by 6.5 percent, while it has gone up in some other areas. That reflects a conscious decision in the University to protect what we call the academic core. Institutional support, although important to the University, is not the academic core, and that is where some of the burden of the budget cuts have been.

If you turn next to page 9, you will see some of the indicators of the overall financial health of the University. This particular chart is called Education in General Equity Trends and simply is a measure, in layman's terms, of the University spending more than it's taking in. You can see in the early '80s the University's financial health was very good. Then beginning in the mid-'80s it started to decline. Part of the conscious decision was to spend down some balance, so that by 1989 it was very close to zero. So additional spending controls were put on and spending tightened up. The University's financial position started to improve until last year. What you're seeing there is the impact of two things, budget reductions from the State and also a one-time hit from the last round of early retirements. The University appropriately put on its books the entire 5 years of early retirement cost to expend that in one year, because that's appropriate conservative accounting practices. It makes that chart look a little worse than it is. Our hope and goal is to get that line back up into the positive next year and in the years after, but I think you can definitely see the impact. The University's financial situation is going in the wrong direction and we need to get that reversed.

Finally, if you turn to page 14, you'll see a chart that measures the University's expenditures for operating and maintaining our facilities compared to our investment in buildings and land. This shows another area where the University has tightened up on spending and that is in the maintenance of our buildings. This is one of the first areas that always gets tightened up, because you don't see an immediate impact from it. But if it continues over time, where we are not investing in the care of our buildings and facilities, it will cost us more in the long run. So this is another financial indicator we are concerned about. It's not at a crisis yet, but if we don't deal with it over the next couple of years, it will be.

**AUDIT REPORT (contd)**

Mr. Shkurti: (contd)

Finally, there are a couple of measures on debt service and because of time I won't go into them, I'll just summarize. Essentially what they show is the ratio of plant equity to plant debt and our capacity to take on additional debt. It shows that if you compare it to industry-wide ratios, we still have the capacity to take on additional debt. If you look at the next chart which is the ratio of equity to plant debt, it is a measure of our ability to pay for the additional capacity. So if you view the first chart as how big our gas tank is, it shows we have quite a lot of room left. This next chart shows our ability to pay cash for the gas as we order it. That's a little more constrained, although the figures are still healthy. We have to be careful and very measured in taking on any additional debt.

In summary on page 17, if you look at our revenues, the students' share of our revenues is up and the state's share is down. In terms of expenditures, our spending for administration is down, for instruction, research and student services our spending is up. Also, our spending for plant maintenance and equipment isn't as high as we would like it to be. Finally, if you look at the bottom line measures in terms of equity and debt, our equity is down. We think most of that is the one-time effect of early retirement. Our capacity on debt is good, but our ability to float additional debt is not unlimited. So we will have to be watching our dollars and pennies very carefully over the next year as the full impact of the budget reductions start to show up in the University's financial statements.

Mr. Chairman, that concludes my part of the presentation. I will now turn the podium back over to Mr. Hilligoss.

Mr. Hilligoss:

Thank you, Mr. Shkurti. At this time I'd like to have Dave Gaston, from Coopers & Lybrand, explain a few things in his report to the Board of Trustees.

Mr. Dave Gaston:

In the spirit of giving a brief overview, I'll start by saying that as the outside auditors we have given a clean opinion on the University's financial statements. There was an opportunity to include these financial statements in the very successful bond offerings that the University has been involved with in the last month. The items that we did cover with the Fiscal Affairs Committee are on the screen and I won't go into each of them in any detail. We did discuss how the audit is organized, dealt with the formal communications between the auditor and the University, and included our report on the internal control structure. We then came up with a couple of significant recommendations, which I will go through with the Board in a little more detail.

We also indicated the other reports, the compliance and governmental programs that we're involved with -- indicated what those are by the different areas and departments in the University -- and then spent a few minutes on emerging issues -- things that we see colleges and universities facing in the future. We had an opportunity to spend some time with the committee to answer any questions and to discuss things that they had on their mind. Just as a reminder, Coopers & Lybrand are the primary auditors for the University and at the same time we

**AUDIT REPORT (contd)**

Mr. Gaston: (contd)

subcontract approximately 20 percent of the work to two minority firms. Those firms are Parms and Company, who deal primarily with student financial aid; and Manoranjan and Jayanthan, who deal with WOSU, both radio and TV reporting.

As I indicated, we dealt with two new specific recommendations for the Board's consideration this year. The first recommendation dealt with the external release of what we'll call significant financial information. We recommended that the Controller's office be a switch point or controlling factor for the release of a number of reports that go to the public and represent the University's financial position.

The second recommendation is assisting Judge Duncan and his organization, Legal Affairs, on how we account for and communicate the contingent liabilities for pending litigation. As you know, the University has a number of cases that are always in process and this is a way of coordinating that information for financial purposes.

In addition, we did bring back to your attention two comments from last year. First, on the information technology environment -- indicating the decentralized and perhaps outdated situation that we deal with, and also to indicate that the University has taken steps to address this. The reason the comment is back is just to reemphasize the need for continued involvement. The second comment has to do with the central maintenance of some of the records that apply to vacation and sick leave for the University. We think this should be standardized and brought into compliance with state requirements.

In other areas, the recommendations we made last year were fully implemented and on one, the timeliness of financial information and speaking with one voice on tax issues, we were complementary to the Controller's office for how those had been dealt with. Basically, that covered our presentation and consideration.

Mr. Shumate:

Are there any questions?

**ACCEPTANCE OF THE REPORT OF AUDIT  
RECOMMENDATIONS AND RESPONSES FOR 1991-92**

Resolution No. 93-49

Synopsis: The report of the audit recommendations and responses for The Ohio State University for 1991-92 conducted by Coppers & Lybrand is recommended for acceptance.

WHEREAS in April 1991, with the approval of the Auditor of State, The Ohio State University entered into a five-year agreement with Coopers & Lybrand for an annual audit of the University for fiscal years 1990-91 through 1994-95; and

WHEREAS the Coopers & Lybrand audit of the University for 1991-92, meeting the requirements of the Auditor of State, has been received and the accounts, records, files, and reports of the University have been found to be in satisfactory condition, but certain recommendations have been included in the audit report; and

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**ACCEPTANCE OF THE REPORT OF AUDIT  
RECOMMENDATIONS AND RESPONSES FOR 1991-92 (contd)**

WHEREAS the auditors' recommendations have been studied by the appropriate University offices, and procedures and responses have been developed as a result of the recommendation:

NOW THEREFORE

BE IT RESOLVED, That the report of the Coopers and Lybrand audit for The Ohio State University for 1991-92 (including the report on the audit of the University financial statements; the report on the internal control structure; and the summary of recommendations to management) and the management responses to the recommendations be accepted.

Upon motion of Mr. Shumate, seconded by Ms. Casto, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**TERM EXTENSION FOR UNIVERSITY FOUNDATION  
BOARD OF DIRECTORS**

Resolution No. 93-50

Synopsis: One-year term extension for current elected directors of the University Foundation whose terms have expired is proposed.

WHEREAS in order to provide continuity to The Ohio State University Foundation, the Board of Directors requests that the terms of office for current elected directors, whose terms expired at the end of October 1992, be extended by one year:

NOW THEREFORE

BE IT RESOLVED That term extension for Directors of the University Foundation described above be hereby approved.

Upon motion of Mr. Shumate, seconded by Ms. Casto, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**ACADEMIC AFFAIRS COMMITTEE MEETING**

**POST TENURE REVIEW**

Mr. Kessler:

I'd like to call on Nancy Rudd for the presentation on post tenure review.

November 6, 1992 meeting, Board of Trustees

### **POST TENURE REVIEW (contd)**

Ms. Casto:

Jack, I'm going to stall you one more minute. Last month when we had the presentation on the teaching workload, it was excellent and I think that everyone here was pleased with it. I wondered if we are then to draw a conclusion from that and say this is the standard workload that is acceptable for teaching versus research or research versus teaching. Are we going to draw a standard from that?

Dr. Nancy Rudd:

No. The purpose of that session was really to just help you understand the variety of work that faculty undertake and the differences among faculty and their workload. Some faculty teach more, some do more research, some are more involved in service. It was also intended to help you understand the diversity of teaching activities in and of themselves. We are in the process of developing guidelines which will be distributed right after the start of Winter Quarter, to ask departments to develop workload policies of their own. Those will revolve around teaching responsibilities, but they will not preclude the possibility that some faculty will teach more and others will do more research. The department simply needs to rationalize what it is it's doing, so that it is clear that all faculty are carrying their fair share of the load.

Ms. Casto:

I thought that came through in the reports. I didn't know if we were going to, for example, say this is what we're looking towards or we were to draw a conclusion. We will look forward to your report.

Dr. Rudd:

Thank you. The topic for today's Academic Affairs Committee Meeting is that of faculty performance review and the emphasis is on post tenure review. I'd like to make just a few additional comments with regard to background, in addition to those that are in your agenda materials. I also have with me today panelists who are here to talk with you.

As you probably know, the institution of tenure has undergone periodic attacks by those outside higher education probably for as long as it has existed. The magnitude of these attacks seems to be greater now and I think this is part of just the broader scrutiny to which higher education is being subjected.

One of the beliefs underlying these criticisms is that tenure provides faculty with a job for life, regardless of how productive they are. Some seek to remedy this perceived problem by eliminating tenure all together or by weakening it in some way. Others call for what is referred to as a post tenure review. As is indicated in the materials, this term "post tenure review" is somewhat misleading because faculty are subjected to reviews throughout their careers both before tenure and after tenure. In fact, they probably undergo more review than just about any other kind of professional I can think of. But nonetheless, there are faculty -- hopefully a small percentage of the total at Ohio State -- who do become unproductive over time. They do receive little or no salary increases and their non-productivity is usually addressed in that way. But I have to admit that unless they can be encouraged to retire or to leave the institution in some other way, they do remain employed. The concept of a post tenure review which really refers to a very

**POST TENURE REVIEW (contd)**

Dr. Rudd: (contd)

intensive periodic review about every 5 years -- possibly even involving outside letters such as we get during promotion and tenure processes -- is one that's been designed to address this issue. The notion is that if the review were negative, either efforts would be made to quickly turn the situation around or termination would be sought for the faculty member.

We've considered developing a post tenure review process here at Ohio State, but at least for now potentially serious problems with it are leading us to seek an alternative method for improving our accountability and for assuring that faculty either remain productive or they leave. One of the problems associated with this elaborate process is that most tenured faculty do remain productive. In fact, at Ohio State many of these people are leaders in their fields. If we create a very elaborate periodic review process that everybody has to go through, then we're going to a great deal of effort to address a relatively small problem. This is probably not a very good use of resources and it would probably make our best faculty angry enough to consider whether this is really the kind of work environment they want. Also, if outside letters were solicited from peers at other institutions, that would generate a certain amount of hostility because faculty, in particular the better faculty, are already pretty much burdened having to write these kind of letters for promotion and tenure candidates around the country. The second problem with this kind of process is that if faculty are becoming problematical, they really need to be monitored continuously, rather than every 5 years.

So what we're trying to do for now is address any weaknesses in our review processes that exist and to develop guidelines that will be promulgated from our office for regular reviews, probably annually -- perhaps not quite that often -- which will assure that all faculty receive the kind of evaluation and feedback that they have a right to expect. We also hope to address developing problems in a timely and appropriate fashion.

Four administrators are here today to talk with you about some of the issues involved in carrying out performance reviews and to respond to your questions and comments. They represent four very different disciplines and that is by design, because some of the issues involved with performance review are very different. All these people here are or have been department chairs: Jim Garland, current Dean of the College of Mathematical and Physical Sciences and former Chair of the Department of Physics; Morris Beja current Chairperson of the Department of English; L. H. Newcomb, Associate Dean of the College of Agriculture and former Chairperson of the Department of Agricultural Education; and Jim Naylor, Chairperson of the Department of Psychology. These individuals have prepared brief comments with regard to their perspective on performance review, but they're also prepared to begin answering questions if Board members would prefer to go that way.

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### **POST TENURE REVIEW (contd)**

Dean Jim Garland:

Thank you, Nancy. I thought what I would do is to provide some context about the kind of performance reviews that we already do for faculty. I'll limit my remarks to the performance reviews for full professors, which differ markedly from the reviews that we do for the junior faculty. I will also limit my remarks to what takes place in the Department of Physics, which is, of course, what I know about in the most detail.

In December or January of each year, faculty members are asked to fill out a performance and professional activity questionnaire. This is about a five-page questionnaire, which is sent to every member of the faculty and is divided into three parts -- teaching, research, and service. In teaching, professors are asked to fill in information on the courses that they have taught. They are suppose to describe any innovative class materials they have developed, any new curricular ideas they have come up with, and provide copies of the relevant documentation. We provide for them an analysis of the student evaluation of teaching questionnaires that are distributed in the department to students every quarter. We also maintain a file in the office for letters of complaints or praise from students, and sometimes parents, and those become part of the dossier that we collect on each faculty member.

With regard to research, professors are asked to list papers they have published during the previous 12 months, to provide copies of any papers that have been submitted, and to provide a statement of their work that is in progress. They are asked to give the details of any invited papers or talks they have given at major international conferences and any contributions to conference proceedings. They are asked to supply information about proposals they have written and submitted; about the level of their grant and contract support; and they are also supposed to write a paragraph detailing any significant accomplishments they feel they have made in the research area.

With regard to service, they are asked to explain what they have been doing on department and University committees, such as whether they have served on any national workshops or advising panels, whether they have been organizers of conferences, and whether they have worked on any special projects on behalf of the University or on behalf of their discipline. They are also suppose to describe any advising that they have done for students.

I, as department chair, and my two vice chairs would sit down and review the dossier for each of these professors. The way we did it in Physics was probably more quantitative, as you might expect, than what some departments would do. We actually assigned a numerical ranking for each professor in teaching, research, and service. That person got a plus 2, plus 1, zero, minus 1, or minus 2, in each of the three categories. When this was completed we then actually rank-ordered everybody in the department from first to last. That then formed the basis for making our salary raise determinations. I should also say that before this process began we would send out a letter to each of the faculty members informing them of the criteria we were going to use in making salary recommendations. This criteria had been discussed by the faculty and was broadly approved by the faculty. After the process was completed, I sent a letter to each of the professors telling him or her what their raise was going to be and how that person's raise fell into the statistical profile in the department. I invited that professor to come and talk to me

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### **POST TENURE REVIEW (contd)**

Dean Garland: (contd)

if there were any questions or concerns about the raise, or if that person wanted me to justify the basis on which the raise was given. I think that all departments have slightly different mechanisms, but I think that probably captures the general sense of what goes on in most of the academic departments.

Dean L. H. Newcomb:

I think Jim captures fairly well the basic pattern in Agriculture. The Department of Agricultural Education is a smaller department than some of the others that are represented here. An additional twist which we add to this -- interestingly by faculty vote -- is a policy that, in addition to student reviews and peer reviews of teaching, the department chair must see each faculty member teach at least once each year.

This was to be followed by a personal conference regarding strengths of the performance and concerns that might be addressed in the future. Another thing in a smaller department that we did follow -- it is very similar to Jim's outline -- we would have a personal conference between the department chair and each of the faculty members. This allowed for some additional face to face feedback, in terms of how I, as department chair, saw their performance in each of the areas of teaching, research, and service, and my qualitative judgment about how they were doing, which would lead to recommendations for varying levels of salary increases.

I would just say to the Board that it is my considered judgment that we have a mechanism at Ohio State which we need to assure is working. That is that every dean and every department chair fulfill their obligation to be sure that each member of the faculty is annually reviewed and provided feedback. If there are people who are not performing -- tenure is not a guarantee for life -- we do have processes that we can follow to detenure people for just cause. We ought to be willing to embrace that. I would not favor a five-year review. That is my personal point of view. It will take enormous amounts of time to do that in terms of clock hours, of all the committees involved and of the preparation time for the individual. And, frankly, I'd like to consider what it can lead to and that is documenting more of that which is easy to document, which I think will produce behaviors that are counter to what I hope this University wants to be about. Namely, it will deemphasize teaching at the cost of overemphasizing research and publication, in my view, because of the documentation distinctions between those two categories.

Dr. James Naylor:

Our procedure is virtually the same. I would say that it is my firm conviction that Ohio State does an excellent job of annually reviewing its faculty at all levels, from the very beginning assistant professor up to the most distinguished full professor. I think we take that charge very seriously, we see it as a developmental issue with our younger faculty, and we see it as a supportive issue with our senior faculty. I think these reviews are very thorough and there is no instance in which I am not fully aware of the performance of every member of my faculty. I do not think the annual five-year reviews that are proposed are something that would add to this process, and I have a serious concern that they would detract from them.

**POST TENURE REVIEW (contd)**

Dr. Morris Beja:

I guess I, too, would like to stress the fact that evaluations are already constantly going on. Obviously, in some ways it is especially complex in cases of promotion or tenure, but it goes on throughout a faculty member's entire career. For example, when it comes to merit salary increases -- and I sure hope someday that it will come to that -- people have raised the issue of the balance between teaching and scholarship in the ways we evaluate teachers. Several years ago in my department we changed what used to be an annual bibliography, in which faculty indicated what they had published during the last year, to an entire professional report. This included service to the profession, but also service to the University, records of teaching, records of how much dissertation advising they had done, campus service, and M.A. theses. That report is distributed to the entire faculty prior to the chairs receiving recommendations about merit salary increases.

Jim talked about the quantitative nature of a lot of what goes on in Physics. That report I mentioned is obviously a quantitative document, but efforts are also made at qualitative assessments -- evaluating scholarships for example. Yes, I think this is where it is a little different from what L. H. Newcomb said. English is a very large department and it gets particularly complex with a lot of people in very diverse fields. These fields include the traditional literary historical periods, but also non-historical fields like composition studies, rhetoric, folklore, drama, creative writing, and literary theory. Each of which has particular approaches and expectations which may be different from those in other fields. In teaching, too, there can be major differences -- not only from faculty member to faculty member, but even within a given faculty member's diverse responsibilities. In one quarter, for example, she or he may teach a large lecture course and a small workshop, or a discussion class for majors and a freshman composition class, or an honors class for majors and another large lecture course. All the time, by the way, advising undergraduates in their major, advising Ph.D. students, directing dissertations, and so on. All those different kinds of activities have to be evaluated in very different ways.

In evaluating the teaching we rely very heavily on student evaluations, but also on extensive visits by senior colleagues. In our case, we like to read words and we rely on statements of their own procedures and policies, and philosophies and approaches by the faculty themselves. All faculty, including those with tenure, must submit evidence of their teaching effectiveness periodically.

Mr. Skestos:

I have a question for Dean Garland. In your ranking system, do you notify each one of your professors of their rank so that they know where they stand, at least in relationship to the rest of the people in their department?

Dean Garland:

No. I'm not sure what the present chair in the department does, but I did not. I don't think the rankings are that -- they are good for giving you a rough indicator of performance, but I don't think -- I could imagine a fire storm in the department if I told somebody that he was number nineteen and his colleague down the hall

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### **POST TENURE REVIEW (contd)**

Dean Garland: (contd)

was number eighteen. The system has quantitative overtones, but it is not so precise that this would be prudent.

I realize that what I have just described is this nice clean kind of process. But in fact, the evaluation of teaching and research is actually very hard to do and there are a lot of subjective overtones. You know we can look at these student questionnaires that come in, and we do look at them, but there are many factors that determine a professor's grade on a student course evaluation. It can involve how hard the last mid-term exam was, whether the professor gives partial credit easily or not, it can be affected by the temperature of the room, or whether the course was early in the morning or late in the afternoon when everyone was tired, or it can involve the nationality of the professor. There are all kinds of issues that get folded into course evaluation surveys that makes a precise determination of their meaning very difficult. What they are good at doing, and I really do believe this, is identifying the outstanding extremes -- the very good teacher or the very bad teacher. I think that they are also very good at identifying mechanical faults with a person -- someone who writes large enough or clearly enough on the blackboard, or speaks clearly or maintains eye contact with the students, or whether the person shows up late for class. They are very good at identifying that type of problem, but there is this big area in the middle of the extremes where I think the evaluation becomes very subjective. As a chairman, I found myself relying on the sort of scuttlebutt in the department, "Well, Smith is pretty good, everyone knows he's good." I will fold in my own subjective opinion of how Smith did when he gave a colloquium to the rest of the department, whether he presented his ideas to me in an orderly manner, etc. So there are a lot of subjective elements that go into these, and we try to quantify it as much as we can.

Mr. Skestos:

Suppose that I am teaching in your department and on your list that you make up in rankings, I keep coming up number 40 out of 40 for 2 or 3 years. I assume I am not getting any kind of merit raise, assuming that there are merit raises in effect at that time. Do you call me in and have a long talk with me and say, "Now, George things are not looking too good for you. For the last several years you have not been performing at least at some kind of average that we expect out of someone. We are going to look for you to do better and if you don't, then you and I are going to sit down and we are going to have to do some serious talking." Does that take place or not? How do you do that? Do you ever get rid of anyone that constantly fails to perform?

Dean Garland:

Do you mean do we tell them to go home and not come back?

Mr. Skestos:

Well, I suppose eventually that kind of a situation --

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### **POST TENURE REVIEW (contd)**

Dean Garland:

I tried to have talks and to work with faculty members whose teaching was not up to par. I found that usually, not always, professors would welcome suggestions. In fact, Leonard Jossem is an Emeritus Professor in my department and some of you may know that he is very interested in improving teaching quality. On his own initiative he would offer to videotape people and play the tapes back to them and critique the tapes. He would try to help them understand how they could be more effective at what they did. I also have to say that I probably didn't do it as systematically as I should have, and I tended to avoid doing it with professors who I felt were simply doing what they could do and weren't really capable of doing much better.

Mr. Skestos:

The review process is time to let you know what is happening out there, at least to get feedback as department chair, but it is also obviously to determine merit raises. What happens to those people who are consistently down at the bottom that get no raise when some are given? Do you have a program? Have you thought this out? Do you take action against them? Do you seek a removal? It is a bad situation when I suddenly become a professor and decide that I have other things on my agenda rather than what I use to do. Is there a process by which you can rid the department of these people and bring in people that are going to be more aggressive and perform above the average?

Dean Garland:

There is a process and fortunately I didn't have to use it when I was department chair because I think that virtually all the faculty members in my department took their teaching responsibilities seriously. That is not to say that they were all excellent teachers, but I think that they took the responsibility seriously. I wasn't aware of any egregious lapses of responsibility of the 50 people in my department. What I did as a practical matter for the professors that I felt weren't strong teachers, I tried to screen them from the critical courses. When we made teaching assignments I would certainly factor in my perceived quality of the teacher. So those courses where the subject matter was particularly subtle and we really needed somebody who was very good at explaining complex subjects, we would try to put the right kind of person into that course. There are other types of courses where the subject matter was quite elementary and what was really important is that the professor be able to establish a good rapport with the students and be enthusiastic and convey a sense of excitement about the discipline. You try to put those people in this core curriculum.

Mr. Skestos:

When you hear complaints from time to time -- even in the mathematics department, more so than any other place -- that there are a lot of grad students having difficulty with the English language. They are teaching a very difficult course as it is, and there is a failure of communication between the graduate teacher and the student. Is that a problem that you are looking into? How do you rectify that?

**POST TENURE REVIEW (contd)**

Dean Garland:

You ask a very complicated question. Let me try to put it into context -- first about the use of teaching assistants, because I know there is often concern about the number of classes that are taught by teaching assistants. There is a rule of thumb in my area, which is mathematical and physical sciences, we estimate that the most students that a single faculty member can accommodate in a quarter is roughly 30 on average. What I mean by that is if you ask the professor to get to know the students, to take an interest in them, to provide them with some individual attention, you can accommodate about 30 students a quarter. Last quarter in my college we taught 27,000 students, we have about 250 faculty, and that comes out to about 110 students per faculty member. So we are way over that 30 criterion. That gap is basically made up with graduate teaching assistants. If we didn't have the graduate teaching assistants, aside from the other impact on our graduate programs, it would mean that we would need a faculty of about 900 people. So we have to depend, for financial reasons and for a whole variety of other reasons, on graduate teaching assistants.

Now what we do with our teaching assistants when they come to Ohio State? The first thing we do if they are foreign students is give them language tests. As a matter of fact, we don't even admit them until they pass a certain minimum threshold language exam and they are standardized tests of the English language.

Then those who pass that filter when they come to our college are put into a training program. That training program is given on a department by department basis. We basically give them techniques on how to be teachers, we stand them up in front of hypothetical classrooms, we critique them, and give them feedback on how they are doing. Once they pass that, then we are prepared to put them in front of students. Now sometimes our admissions mechanisms break down or it is clear to us that they are not going to make good teachers. We ask those students to be graders, and we don't put them in classrooms. The students who do pass our criteria, get assigned typically to recitation sections or to introductory laboratories. We have about 900 graduate students and I would say about 20 of those, when they become senior graduate students, with four or five years of experience under their belt, we will actually let them lecture sometimes to introductory classes. Now those people usually do an outstanding job.

Amb Wolf:

Can you indeed withdraw tenure from a faculty member? I mean the purpose of post tenure review --

Dr. Rudd:

We have a faculty rule which -- I go around calling 5-04, because I have been working on a revision of it for seven years now and it feels like a part of me -- defines a process by which a faculty member can be detenured for a variety of reasons. That generally falls into two categories: serious incompetence or grave misconduct. It is however a rather difficult rule to use. The process is very elaborate, and to some extent it should be elaborate, because if you are going to detenure a faculty member -- and for the faculty member this almost amounts to capital punishment -- then you do want to make sure that your processes allow for

**POST TENURE REVIEW (contd)**

Dr. Rudd: (contd)

maximum fact finding and rebuttle by the faculty member. But having said that, it is a very difficult process to use, and it is not used.

I would say that to my knowledge no faculty member has ever been detained for incompetence. In fact, I believe that rule has only been used three times: once to remove a faculty member who had disappeared, and two other cases recently which did not involve the type of things that we are talking about now. In my view, part of why we have not done this is that our budget situation has not been as tight as it is now. It is so grueling to go through the process, that department faculty peers have been willing to some extent to work around problems. I would rather suspect that things are changing.

Amb. Wolf:

In some institutions do they grant tenure for a certain period of time? Like for a ten year period or --

Dr. Rudd:

Not at the kind of institutions that we compete with. For a research institution, because of the importance of academic freedom and scholarly activities, tenure is considered to be a commitment until retirement, unless it is removed for cause. That cause would be serious incompetence, grave misconduct, and so on.

Dean Newcomb:

I would like to argue to the Board that the tenure for 5 years or tenure for 10 years is not tenure at all. If tenure is going to protect academic freedom, and that is what we are after, it cannot be in little fixed increments at which time some administrator, me or otherwise, can wait out a person and then conveniently wipe the slate clean.

Frankly, I can tell this Board that I have had occasion in my career at Ohio State to be very grateful for academic freedom. Nothing that ever reached any high level administrative offices, but we did have a situation in my department where part of some of our salary was paid for by another state agency. We did have an individual in charge of that budget at one point in time that attempted to instruct me to teach different content in a different way than I was doing. And I would say to the Board, that is the very heart of the matter of academic freedom and responsibility and competence.

As I reflected about that early in my career, I was very grateful that I could not be subject -- and that was before I was a full professor -- to the whims of some individual who happened to think that their judgment was better on a solid academic matter than was my own. So I would be very cautious about 5 and 10-year increments, because I don't think that that is tenure at all. That just says that if you behave for five years and do it the way we want, we may extend it again. If you really want to be pursuing truth that is volatile -- which doesn't happen often, but is the very heart of this issue -- I think that you have to have the protection of tenure.

November 6, 1992 meeting, Board of Trustees

### **POST TENURE REVIEW (contd)**

Amb. Wolf:

What about when a person is appointed to a chair, do you appoint chairs for term limits?

Dr. Newcomb:

Four-year terms -- to be reviewed by the faculty and dean, and subject to reappointment or not at the pleasure of the dean.

President Gee:

You are looking at the most vulnerable people at the University right now, followed shortly by me. I would like to make a couple of comments. I have been listening to this and these are very insightful questions. The issue of removing someone for cause is an issue of grave importance, but I might note that when we get to that point it shows a failure in our system, and we need to understand that. If this University is doing what it should be, there should never be an instance when we remove someone for cause, because of the fact that we have had a continuing review process. No member of any activity, whether it be a member of a law firm or whether it be a member of any other public or private group, is reviewed more aggressively and continually than our faculty members. The thing that I am concerned about is the other side of the coin. In today's world, as we bring particularly young people into the University, I am concerned that we don't give them enough help, and embrace and mentor them enough. I am afraid that we view this very often as the rite of passage. Many people come to this institution and never get tenure and that in many ways is a failure of our system. Because what happens with that process is that we throw you in and say, "Listen you've got this bright young person with this great degree, thank you, very much. We will see you in seven years and in the meantime we are just going to pound on you." It is a very, very difficult process that they go through. I am afraid that through that process sometimes we create a sense of cynicism and a variety of other things by those who make it through the process.

I'm delighted to hear from several of our department chairs here today, that there is now, and progressively so, an institutional issue in which we are trying to mentor people. Professor Beja's point, I think, was a good one, of trying to bring people in and talk to them and embrace them. George, your point about what happens to number 40. There are many departments in this institution where number 40 is one of the very best people at the University. In other words, what I am saying is that many times 40 out of 40 is still a person who is doing a very good job or an adequate job. What we have to try to do with number 40 or number 1 is to make certain that there is an expectation. The University should also have an expectation of this mentoring and creating an environment in which people really want to progress. The colleagues that I work with across this institution clearly have that sense of commitment. That is the reason they are here. But I often worry about the University's commitment on the other side, of providing the kind of resources, the kind of help in the classroom, and the kind of technology for them to meet that obligation so they no longer are 40. I think that has to be one of our major processes.

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**POST TENURE REVIEW (contd)**

President Gee: (contd)

I often hear the story, "Well, do you detenure people?" There are institutions across this country that have had detenuring processes. I would submit to you that those also would be the type of institutions that have never made the kind of commitment up front that we have made, in terms of qualitative evaluations.

Dr. Rudd:

I might add, that as we work this year with department chairpersons and deans to try to assure that the performance review process is what we expect them to do, there will be a very heavy emphasis on the responsibility of chairs and deans to work with faculty in the area of faculty development. That is the primary purpose of this process. It is not to get bad guys and move them out, but to continue to invest in people that we have already invested in considerably and who can be tremendous assets to the institution. That is not only an important way of looking at this process from the perspective of the good of the institution, but it is very important to generate the kind of faculty loyalty that we need to keep our best people. If we create a very hostile environment in which the attitude is simply, "You either produce or we are going to kick you out," we are going to have a very hard time attracting and keeping good faculty.

Mr. Celeste:

Mr. Chairman, are there any other questions for Nancy or the other folks? We thank you, very much, for being here and making presentations and responding to questions.

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**RENAMING OF DEPARTMENT**

Resolution No. 93-

51

Synopsis: The approval to rename the Department of Judaic and Near Eastern Languages and Literatures to the Department of Near Eastern, Judaic, and Hellenic Languages and Literatures is proposed.

WHEREAS the proposed change of name of the Department of Judaic and Near Eastern Languages and Literatures to the Department of Near Eastern, Judaic, and Hellenic Languages and Literatures has been approved by the faculty in the Department, and by the College of Humanities Executive Committee; and

WHEREAS the proposed name change will provide visibility to the academic program in Modern Greek and more accurately reflects the programmatic offerings of the Department which include undergraduate and graduate degree programs with concentration in Modern Greek as well as Arabic, Byzantine Greek, Hebrew, Persian, Turkish, and Yiddish; and

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### RENAMING OF DEPARTMENT (contd)

WHEREAS the Council for Research and Graduate Studies has approved the name change for the graduate degree program, M.A. in Judaic and Near Eastern Languages and Literatures to M.A. in Near Eastern, Judaic, and Hellenic Languages and Literatures; and

WHEREAS this proposed change has the approval of the Council on Academic Affairs, and was approved by the University Senate at its October 3, 1992 meeting:

NOW THEREFORE

BE IT RESOLVED, That the proposal to change the name of the Department of Judaic and Near Eastern Languages and Literatures to the Department of Near Eastern, Judaic, and Hellenic Languages and Literatures, effective January 1, 1993, is hereby approved.

Upon motion of Mr. Shumate, seconded by Mr. Colley, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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### HUMAN RESOURCES REORGANIZATION

Resolution No. 93-52

Synopsis: Amendments to the Bylaws of the Board of Trustees and Rules of the University Faculty are proposed to reflect the organizational changes made within the Office of Human Resources.

WHEREAS the Office of Human Resources and Relations has undergone restructuring and reorganization in order to achieve more flexibility, increased productivity, and effectiveness; and

WHEREAS as part of the reorganization of the Office of Human Resources, amendments to the Bylaws of the Board of Trustees and Rules of the University Faculty are necessary to effectuate the changes proposed outlined below:

3335-3-156 Vice president for human resources ~~and relations~~.

- (A) The vice president for human resources ~~and relations~~ shall be the executive head of the office of human resources ~~and relations~~.
- (B) The major area of responsibility and authority of the vice president for human resources ~~and relations~~ shall be that of the administration of human resources PROGRAMS AND SERVICES FOR FACULTY AND STAFF, ~~training and development, human relations of the university, and affirmative action/diversity~~. Without limiting the generality of the foregoing, the vice president for human resources ~~and relations~~ shall, under the direction of the president and subject to the approval of the board of trustees, be responsible and have the requisite authority for: human resources, including professional and staff employment services; employee relations, including negotiating with the labor unions; ~~compensation services~~; benefits administration; classification AND COMPENSATION administration, including determining which ~~employees and positions~~ are to be in the unclassified and classified service; PAYROLL; APPOINTMENTS PROCESSING; AFFIRMATIVE ACTION/DIVERSITY; DISPUTE RESOLUTION, INCLUDING CIVIL RIGHTS; PERFORMANCE MANAGEMENT; ~~the i.d. center; retirement affairs~~; personnel research and HUMAN RESOURCES INFORMATION systems; ~~and safety and health; training and development~~;

**HUMAN RESOURCES REORGANIZATION (contd)**

~~including career development and counseling, education and staff training, AND DEVELOPMENT; ORGANIZATION DEVELOPMENT; faculty/staff assistance; and substance-abuse programs; human relations, including dependent CHILD care; programs, WORK AND FAMILY PROGRAMS; veterans affairs; partner/spouse assistance; recognition and awards; and RETIREMENT AFFAIRS faculty, staff and student advocacy; affirmative action/diversity, including civil rights, disability services (faculty and staff), the commission on women; and research and information.~~

- (C) The principal administrative officials in the office of human resources ~~and relations~~ shall be the associate vice president for EMPLOYEE RELATIONS AND AFFIRMATIVE ACTION ~~human resources~~, the ~~associate~~ ASSISTANT vice president for human RESOURCES SERVICES ~~relations~~, THE ASSISTANT VICE PRESIDENT FOR HUMAN RESOURCES AND ORGANIZATION DEVELOPMENT, and such other associates as may be authorized from time to time. (B/T 7/12/91, 11/6/92)

NOW THEREFORE

BE IT RESOLVED, That the proposed amendments are hereby approved and that the Secretary of the Board of Trustees is hereby authorized and directed to incorporate the recommended changes in the applicable sections in the Bylaws of the Board of Trustees and Rules of the University Faculty.

Upon motion of Ms. Casto, seconded by Mr. Shumate, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

(See Appendix XII for organizational chart, page 347.)

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**DEGREES AND CERTIFICATES - AUTUMN QUARTER COMMENCEMENT**

Resolution No. 93-53

Synopsis: The Academic Affairs Committee recommended the approval of Degrees and Certificates for Autumn Quarter.

WHEREAS pursuant to paragraph (E) of rule 3335-1-06 of the Administrative Code, the Board has authority for the issuance of degrees and certificates; and

WHEREAS the faculties of the colleges and schools shall transmit, in accordance with rule 3335-9-29 of the Administrative Code, for approval by the Board of Trustees the names of persons who have completed degree and certificate requirements:

NOW THEREFORE

BE IT RESOLVED, That the degrees and certificates be conferred on December 11, 1992, to those persons who have completed the requirements for their respective degrees and certificates and are recommended by the colleges and schools, and that the names of those persons awarded degrees and certificates be included in the minutes of this meeting.

Upon motion of Amb. Wolf, seconded by Mr. Celeste, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**PERSONNEL ACTIONS**

Resolution No. 93-54

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the October 2, 1992 meeting of the Board, including the following Appointment, Appointment of Chairperson and Director, Leaves of Absence Without Salary, Leaves of Absence Without Salary--Continuation, Professional Improvement Leave, Emeritus Title, and Medical Staff Appointments (The Arthur G. James Cancer Hospital and Research Institute) as detailed in the University Budget be approved and the Medical Staff Appointments/Reappointments (The Ohio State University Hospitals) approved September 24, 1992, by the Hospitals Board be ratified.

Appointment

Name: MARTHA E. SUCHESTON  
Title: Associate Professor (The Harry C. and Mary Elizabeth Powelson Professorship of Medicine)  
College/Department: Medicine/Cell Biology, Neurobiology, and Anatomy  
Effective: October 1, 1992  
Salary: \$47,484.00  
Present Position: Associate Professor, Department of Cell Biology, Neurobiology, and Anatomy

Appointment of Chairperson and Director

October 1, 1992 through September 30, 1995

Center for Slavic and East European Studies

Allan K. Wildman

October 1, 1992 through September 30, 1996

Geodetic Science and Surveying

Clyde C. Goad

Leaves of Absence Without Salary

WALTER D. NEUMANN, Professor, Department of Mathematics, effective Winter Quarter and Spring Quarter 1993, to work with a research group in the Department of Mathematics at Melbourne University, Melbourne, Australia.

ERNST A. RUH, Professor, Department of Mathematics, effective Autumn Quarter 1992, Winter Quarter and Spring Quarter 1993, to conduct research at the University of Fribourg in Switzerland.

RANDALL L. DOUGHERTY, Associate Professor, Department of Mathematics, effective Autumn Quarter 1992, to conduct research at the University of Colorado at Boulder.

SUE E. LEURGANS, Associate Professor, Department of Statistics, effective Autumn Quarter 1992, Winter Quarter and Spring Quarter 1993, for personal reasons.

GEORGE J. MAJDA, Associate Professor, Department of Mathematics, effective Winter Quarter and Spring Quarter 1993, to conduct research at the Institute for Advanced Studies at Princeton University.

JOHN P. VIMMERSTEDT, Associate Professor, School of Natural Resources (OARDC), effective October 1, 1992, through October 31, 1992, for personal reasons.

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### **PERSONNEL ACTIONS (contd)**

#### Leaves of Absence Without Salary (contd)

JAN MOUSING, Assistant Professor, Department of Veterinary Preventive Medicine, effective November 1, 1992, through June 30, 1993, for personal reasons.

ANNE E. NORRIS, Assistant Professor, Department of Family and Community, effective Autumn Quarter 1992, Winter Quarter and Spring Quarter 1993, for personal reasons.

MELANIE STEIN, Instructor, Department of Mathematics, effective Autumn Quarter 1992, Winter Quarter and Spring Quarter 1993, to visit some German universities.

THOMAS B. WARD, Instructor, Department of Mathematics, effective Autumn Quarter 1992, Winter Quarter and Spring Quarter 1993, to continue his current research project at the University of East Anglia in the United Kingdom.

#### Leaves of Absence Without Salary--Continuation

ROMAN T. SKARDA, Associate Professor, Department of Veterinary Clinical Sciences, effective April 1, 1992, through March 31, 1993, to continue work at the University of Zurich.

JOAN F. FITZGERALD, Assistant Professor, Department of City and Regional Planning, effective Autumn Quarter 1992, Winter Quarter and Spring Quarter 1993, to continue research at the University of Illinois.

#### Professional Improvement Leaves

JEREMY COHEN, Professor (Samuel and Esther Melton Professor of Jewish History), Department of History, effective Summer Quarter and Autumn Quarter 1993.

WILLIAM L. HEWARD, Professor, Department of Educational Services and Research, effective Winter Quarter and Spring Quarter 1993.

#### Emeritus Title

LUCY D. VENABLE, Department of Dance, with the title Professor Emeritus, effective August 1, 1992.

#### Rescision of Notice of Appointment

The Notice of Appointment dated July 10, 1992, covering the Academic Year 1992-93 which was issued in error to Associate Professor Blanca Kent is hereby rescinded.

#### Medical Staff Appointments (The Arthur G. James Cancer Hospital and Research Institute)

August 1, 1992 - June 30, 1993

Starling, Randall Carson, M.D., Associate Attending Staff, Department of Internal Medicine -  
Division of Cardiology

Vaccarello, Luis, M.D., Attending Staff, Department of Obstetrics/Gynecology

Eaton, Lynne Antoinette, M.D., Associate Attending Staff, Department of Obstetrics/Gynecology

Bona, Susan J., M.D., Associate Attending Staff, Department of Pathology

Wasielowski, Ray Carl, M.D., Associate Attending Staff, Department of Surgery - Division of  
Orthopaedic Surgery

**PERSONNEL ACTIONS (contd)**

Medical Staff Appointments (1992-1994) (The Ohio State University Hospitals)

Cohen, Daniel Michael, M.D., Associate Attending Staff, Department of Surgery - Division of Thoracic Surgery

Nelson, James Hissom, III, M.D., Clinical Assistant Professor, Department of Surgery - Division of Urologic Surgery

Agarwal, Anil K., Limited Staff, Department of Internal Medicine--Division of General Medicine

Albers, Henry W., Limited Staff, Department of Pediatrics

Baptista Baeza, Jose L., Limited Staff, Department of Family Medicine

Beman, Sandra A., Limited Staff, Department of Pediatrics

Bender, Thomas M., Limited Staff, Department of Pediatrics

Bevan, Claudia K., Limited Staff, Department of Dentistry--Division of General Dentistry

Bird, Michael W., Limited Staff, Department of Pediatrics

Bona, Susan J., Attending Staff, Department of Pathology

Burak, William E., Limited Staff, Department of Surgery--Division of Surgical Oncology

Chan, David P., Attending Staff, Department of Pediatrics

Chattoraj, Mary R., Limited Staff, Department of Pediatrics

Clinchot, Daniel M., Attending Staff, Department of Physical Medicine & Rehabilitation

Coccia, Maria R., Courtesy Staff, Department of Internal Medicine--Division of General Medicine

Conlon, Jennifer M., Limited Staff, Department of Pediatrics

Dickson, Bradley E., Limited Staff, Department of Pediatrics

Gandhi, Anjali K., Limited Staff, Department of Pediatrics

Hackshaw, Dawn S., Limited Staff, Department of Pediatrics

Heck, Robert W., Attending Staff, Department of Emergency Medicine

Hudson, Hilton M., II, Limited Staff, Department of Surgery--Division of Thoracic & Cardiovascular Surgery

Huffman, Todd A., Limited Staff, Department of Pediatrics

Judis, Gary M., Limited Staff, Department of Dentistry--Division of General Dentistry

Kiluk, Andrew K., Limited Staff, Department of Pediatrics

Koranyi, Katalin I., Attending Staff, Department of Pediatrics

Lorch, Frank E., Limited Staff, Department of Physical Medicine and Rehabilitation

Minnich, Lisa A., Limited Staff, Department of Pediatrics

Motarjeme, Steven C., Limited Staff, Department of Internal Medicine--Division of General Medicine (joint with Pediatrics)

Murphy, Brian P., Limited Staff, Department of Anesthesiology

Myers, Laurie A., Limited Staff, Department of Pediatrics

Nicol, Steven J., Attending Staff, Department of Internal Medicine--Division of General Medicine

Nunag, Robert D., Limited Staff, Department of Pediatrics

Nuss, Kathryn E., Limited Staff, Department of Pediatrics

Parry, David E., Limited Staff, Department of Pediatrics

Prestifilippo, Rita E., Limited Staff, Department of Pediatrics

Rossi, Timothy, Limited Staff, Department of Anesthesiology

Shaffer, James P., Limited Staff, Department of Internal Medicine--Division of General Medicine (joint with Pediatrics)

Singh, Kanwaljit, Limited Staff, Department of Internal Medicine--Division of Hematology/Oncology

Thomson, Blythe G., Limited Staff, Department of Pediatrics

Tramuta, Daniel A., Limited Staff, Department of Internal Medicine--Division of General Medicine

Waissbluth, Alvaro Daniel, M.D., Limited Staff, Department of Internal Medicine - Division of General Medicine

Ward, John J., Limited Staff, Department of Internal Medicine--Division of General Medicine

Ward, Kevin R., Attending Staff, Department of Emergency Medicine

Wittenberg, Ami J., Limited Staff, Department of Pediatrics

**PERSONNEL ACTIONS (contd)**

Medical Staff Appointments (1992-1994) (The Ohio State University Hospitals) (contd)

Wren, Joseph E., Limited Staff, Department of Pediatrics  
Wylen, Esther L., Limited Staff, Department of Surgery--Division of General Surgery  
Zegarski, Thomas J., Limited Staff, Department of Pediatrics  
Beckmeyer, William Peter, M.D., Limited Staff - Department of Anesthesiology  
Dowling, Todd Michael, M.D., Limited Staff - Department of Anesthesiology  
Kungl, Martin John, M.D., Limited Staff - Department of Anesthesiology  
Martin, Michael Allen, M.D., Limited Staff - Department of Anesthesiology  
Moore, Kevin John, M.D., Limited Staff - Department of Anesthesiology  
Tourangeau, Steven E., M.D., Limited Staff - Department of Anesthesiology  
Persse, David E., M.D., Attending Staff - Department of Emergency Medicine  
Kim, John Sang Ho, M.D., Attending Staff - Department of Family Medicine  
Lauren, David M., D.O., Limited Staff - Department of Family Medicine  
Young, Jeffrey C., D.O., Limited Staff - Department of Family Medicine  
Hurt, John Richard, M.D., Limited Staff - Department of Internal Medicine, Division of Cardiology  
Lenhart, Michael Blaine, M.D., Limited Staff - Department of Internal Medicine, Division of Cardiology  
Lepage, John Charles, M.D., Attending Staff - Department of Internal Medicine, Division of Dermatology  
Caruso, Daniel Raymond, M.D., Attending Staff - Department of Internal Medicine, Division of Endocrinology and Metabolism  
De Los Santos, Edith Tiangco, M.D., Attending Staff - Department of Internal Medicine, Division of General Medicine  
Bushless, Diana Leigh, M.D., Limited Staff - Department of Internal Medicine, Division of General Medicine  
Gailliot, Christopher Robert, M.D., Limited Staff - Department of Internal Medicine, Division of General Medicine  
Padamadan, Hosi, M.D., Limited Staff - Department of Internal Medicine, Division of General Medicine  
Stock, Kent James, D.O., Limited Staff - Department of Internal Medicine, Division of General Medicine (joint with Pediatrics)  
Sumego, Marianne Jacquelyn, M.D., Limited Staff - Department of Internal Medicine, Division of General Medicine (joint with Pediatrics)  
Wolff, Michael Warren, M.D., Limited Staff - Department of Internal Medicine, Division of General Medicine  
Stuart, Darrell Wayne, M.D., Limited Staff - Department of Internal Medicine, Division of Infectious Diseases  
Diaz, Philip Tomas, M.D., Attending Staff - Department of Internal Medicine, Division of Pulmonary Diseases  
Marsh, Clay Braden, M.D., Attending Staff - Department of Internal Medicine, Division of Pulmonary Diseases  
Freimer, Miriam Laura, M.D., Attending Staff - Department of Neurology  
Szymanski, David E., M.D., Limited Staff - Department of Neurology  
Eaton, Lynne Antoinette, M.D., Attending Staff - Department of Obstetrics and Gynecology  
May, Susan J., M.D., Attending Staff - Department of Pediatrics  
Cannon, Patricia Ann, M.D., Courtesy Staff - Department of Pediatrics  
Pole, Michael J., M.D., Limited Staff - Department of Radiology, Division of Diagnostic Radiology  
Gooch, Denise Renee, M.D., Limited Staff - Department of Radiology, Division of Radiation Oncology  
Ribovich, Martin Lee, M.D., Limited Staff - Department of Radiology, Division of Radiation Oncology  
Wasielewski, Ray Carl, M.D., Attending Staff - Department of Surgery, Division of Orthopaedic Surgery  
Gosch, John Robert, M.D., Limited Staff - Department of Surgery, Division of Pediatric Surgery

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Kaplan, Chance Taylor, M.D., Limited Staff - Department of Surgery, Division of Plastic Surgery

**PERSONNEL ACTIONS (contd)**

Medical Staff Appointments (1992-1994) (The Ohio State University Hospitals) (contd)

Dick, Michael R., M.D., Limited Staff - Department of Anesthesiology  
Beggin, Bryan Edward, D.O., Attending Staff - Department of Family Medicine  
Cole-Sedivy, Deborah Louise, D.O., Courtesy Staff - Department of Family Medicine  
Restuccio, Anthony P., M.D., Courtesy Staff - Department of Family Medicine  
Alton, Mary Elizabeth, M.D., Attending Staff - Department of Internal Medicine, Division of Cardiology  
Cottrell, Daryl Ann, M.D., Attending Staff - Department of Internal Medicine, Division of Endocrinology & Metabolism  
Fassler, John Edward, M.D., Limited Staff - Department of Internal Medicine, Division of General Medicine  
Austin, David George, D.D.S., Courtesy Staff - Department of Neurology  
Nadkarni, Nitin V., M.D., Limited Staff - Department of Neurology  
Grogg, Terry W., M.D., Courtesy Staff - Department of Obstetrics and Gynecology  
Thomasgard, Michael Cramer, M.D., Attending Staff - Department of Pediatrics  
Jenkins, Catherine L., M.D., Courtesy Staff - Department of Pediatrics  
Long, William Walter, M.D., Courtesy Staff - Department of Pediatrics  
Thompson, Craig Richard, M.D., Courtesy Staff - Department of Pediatrics  
Alkhoury, Razan, M.D., Limited Staff - Department of Pediatrics  
Holmes, Mary Elaine, D.O., Limited Staff - Department of Pediatrics  
Marx, Arlene Cecile, M.D., Limited Staff - Department of Radiology, Division of Diagnostic Radiology  
Cohen, Daniel Michael, M.D., Attending Staff - Department of Surgery, Division of Thoracic & Cardiovascular Surgery  
Pomarico, Michelle Ann, D.D.S., Limited Staff - College of Dentistry, Division of General Dentistry  
Ness, Gregory Mark, D.D.S., Attending Staff - College of Dentistry, Division of Oral & Maxillofacial Surgery

Medical Staff Reappointments (The Ohio State University Hospitals)

Schulte, Gregory T., Limited Staff, Department of Anesthesiology  
Frale, Larry M., Limited Staff, Department of Anesthesiology  
Pippin, William D., Limited Staff, Department of Anesthesiology  
Smyke, Norman A., Limited Staff, Department of Anesthesiology  
Workman, Mark A., Limited Staff, Department of Anesthesiology  
Weiss, Michael L., Attending Staff, Department of Family Medicine  
Montalto, Norman J., Attending Staff, Department of Family Medicine  
Van Buren, Ronald C., Attending Staff, Department of Family Medicine  
Tweel, Charles T., Courtesy Staff, Department of Family Medicine  
Washington, William L., Limited Staff, Department of Family Medicine  
McNeil, Donald L. (joint with Rheumatology/Immunology), Attending Staff, Department of Internal Medicine - Division of Allergy  
McDonald, Cheryl L., Limited Staff, Department of Internal Medicine - Division of Infectious Diseases  
Magorien, Raymond D., Attending Staff, Department of Internal Medicine - Division of Cardiology  
Nelson, Steven D., Attending Staff, Department of Internal Medicine - Division of Cardiology  
Pearson, Anthony C., Attending Staff, Department of Internal Medicine - Division of Cardiology  
Real, Margaret A., Attending Staff, Department of Internal Medicine - Division of Cardiology  
Ryan, James M., Attending Staff, Department of Internal Medicine - Division of Cardiology  
Schaal, Stephen F., Attending Staff, Department of Internal Medicine - Division of Cardiology  
Starling, Randall C., Attending Staff, Department of Internal Medicine - Division of Cardiology  
Wooley, Charles F., Attending Staff, Department of Internal Medicine - Division of Cardiology  
Rome, Michael P., Limited Staff, Department of Internal Medicine - Division of Cardiology

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Vavuranakis, Manolis, Limited Staff, Department of Internal Medicine - Division of Cardiology  
Palaniappan, Jawahar, Courtesy Staff, Department of Internal Medicine - Division of Cardiology

### **PERSONNEL ACTIONS (contd)**

#### Medical Staff Reappointments (The Ohio State University Hospitals) (contd)

Polinski, William J., Courtesy Staff, Department of Internal Medicine - Division of Cardiology  
Terry, Richard F., Courtesy Staff, Department of Internal Medicine - Division of Cardiology  
Tzagournis, Manuel, Attending Staff, Department of Internal Medicine - Division of Endocrinology  
and Metabolism  
McCamish, Mark A., Attending Staff, Department of Internal Medicine - Division of Endocrinology  
and Metabolism  
Rao, M. Bhaskar, Attending Staff, Department of Internal Medicine - Division of Endocrinology and  
Metabolism  
Walzak, Doris E., Attending Staff, Department of Internal Medicine - Division of General Medicine  
Murphy, Link R., Courtesy Staff, Department of Internal Medicine - Division of General Medicine  
Marks, Jack, Courtesy Staff, Department of Internal Medicine - Division of General Medicine  
Pope-Harman, Amy L., Limited Staff, Department of Internal Medicine - Division of General  
Medicine  
Ralston, David R. (joint with Pediatrics), Limited Staff, Department of Internal Medicine - Division of  
General Medicine  
Trout, Ann M. (joint with Pediatrics), Limited Staff, Department of Internal Medicine - Division of  
General Medicine  
Whited, John D., Limited Staff, Department of Internal Medicine - Division of General Medicine  
Sagone, Arthur L., Jr., Attending Staff, Department of Internal Medicine - Division of  
Hematology/Oncology  
Smith, Roy E., Attending Staff, Department of Internal Medicine - Division of Hematology/Oncology  
Ungerleider, James S., Attending Staff, Department of Internal Medicine - Division of  
Hematology/Oncology  
Thornton, Donald E., Attending Staff, Department of Internal Medicine - Division of  
Hematology/Oncology  
Rupert, Robert D., Limited Staff, Department of Internal Medicine - Division of  
Hematology/Oncology  
Middendorf, Donald F., Attending Staff, Department of Internal Medicine - Division of Nephrology  
Pue, Charles A., Limited Staff, Department of Internal Medicine - Division of Pulmonary Diseases  
Weiland, Jeffrey E., Attending Staff, Department of Internal Medicine - Division of Pulmonary  
Diseases  
Mendell, Jerry R., Attending Staff, Department of Neurology  
Paulson, George W., Attending Staff, Department of Neurology  
Slivka, Andrew P., Attending Staff, Department of Neurology  
Warmolts, John R., Attending Staff, Department of Neurology  
Frappier, Nancy R., Limited Staff, Department of Neurology  
Makley, Michael J., Limited Staff, Department of Neurology  
Walz, Elizabeth T., Limited Staff, Department of Neurology  
Neri, Anthony S., Courtesy Staff, Department of Obstetrics and Gynecology  
Newkirk, Ernest M., Courtesy Staff, Department of Obstetrics and Gynecology  
Samuel, Mervyn J., Courtesy Staff, Department of Obstetrics and Gynecology  
McGregor, Mary L., Courtesy Staff, Department of Ophthalmology  
Richards, Paul F., Courtesy Staff, Department of Ophthalmology  
Romeo, Fred P., Limited Staff, Department of Ophthalmology  
Mahan, John D., Attending Staff, Department of Pediatrics  
Mentser, Mark I., Attending Staff, Department of Pediatrics  
Mortensen, Mary E., Attending Staff, Department of Pediatrics  
Wheller, John J., Attending Staff, Department of Pediatrics  
Zipf, William B., Attending Staff, Department of Pediatrics

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Richardson, Delphis C., Courtesy Staff, Department of Pediatrics  
Taylor, Renee S., Courtesy Staff, Department of Pediatrics  
Wadwa, Janak, Courtesy Staff, Department of Pediatrics  
Wall, Patrick M., Courtesy Staff, Department of Pediatrics

### **PERSONNEL ACTIONS (contd)**

#### Medical Staff Reappointments (The Ohio State University Hospitals) (contd)

Matkovic, Velimir, Attending Staff, Department of Physical Medicine & Rehabilitation  
Pease, William S., Attending Staff, Department of Physical Medicine & Rehabilitation  
Wheeling, Theresa A., Limited Staff, Department of Physical Medicine & Rehabilitation  
Nasrallah, Henry A., Attending Staff, Department of Psychiatry - Division of General Psychiatry  
Pariser, Stephen F. (joint with Obstetrics & Gynecology), Attending Staff, Department of Psychiatry -  
Division of General Psychiatry  
Shook, Scott L., Limited Staff, Department of Psychiatry - Division of General Psychiatry  
Stockum, Alfred E., Attending Staff, Department of Radiology - Division of Diagnostic Radiology  
Sodd, Anthony N., Limited Staff, Department of Radiology - Division of Diagnostic Radiology  
Pieters, Richard S., Jr., Attending Staff, Department of Radiology - Division of Radiation Oncology  
Redding, Mark P., Limited Staff, Department of Surgery - Division of Neurosurgery  
Turner, Richard H., Attending Staff, Department of Surgery - Division of Orthopaedic Surgery  
Martin, Edward W., Jr., Attending Staff, Department of Surgery - Division of Surgical Oncology  
Walker, Michael J., Attending Staff, Department of Surgery - Division of Surgical Oncology  
Nims, Thomas A., Courtesy Staff, Department of Surgery - Division of Surgical Oncology  
Schneebaum, Schlomo, Limited Staff, Department of Surgery - Division of Surgical Oncology  
Pollifrone, David L., Limited Staff, Department of Surgery - Division of Urology  
Wright, James G., Attending Staff, Department of Surgery - Division of Vascular Surgery  
Wallace, Douglas W., Courtesy Staff, College of Dentistry - Division of Oral & Maxillofacial Surgery  
O'Donnell, Francis J., Courtesy Staff, Department of Neurology  
Rogers, Gary L., Courtesy Staff, Department of Ophthalmology  
Sotos, Juan F., Attending Staff, Department of Pediatrics  
McIlroy, Mary A., Courtesy Staff, Department of Pediatrics  
Polster, L. Robert, Courtesy Staff, Department of Pediatrics  
Mysiw, W. Jerry, Attending Staff, Department of Physical Medicine & Rehabilitation  
Carpenter, Denise L., Limited Staff, Department of Physical Medicine & Rehabilitation  
Olsen, John O., Attending Staff, Department of Radiology - Division of Nuclear Medicine  
Pozderac, Rodney V., Attending Staff, Department of Radiology - Division of Nuclear Medicine  
Seay, Joseph P., Limited Staff, College of Dentistry - Division of General Dentistry  
Olejko, Terry D., Courtesy Staff, College of Dentistry - Division of Oral & Maxillofacial Surgery  
Stone, Linda C., Attending Staff, Department of Family Medicine  
Tutschka, Peter J., Attending Staff, Department of Internal Medicine - Division of Bone Marrow  
Transplantation  
Ryan, Joseph M., Honorary Staff, Department of Internal Medicine - Division of Cardiology  
Nichols, Allan J., Courtesy Staff, Department of Internal Medicine - Division of Cardiology  
Seidensticker, John F., Attending Staff, Department of Internal Medicine - Division of Community  
Internal Medicine  
Williams, Homer E., Courtesy Staff, Department of Internal Medicine - Division of Dermatology  
Marar, Unni K., Limited Staff, Department of Internal Medicine - Division of General Medicine  
McGinnis, Jeffrey B. (joint with Pediatrics), Limited Staff, Department of Internal Medicine - Division  
of General Medicine  
Rhoades, Chris A., Limited Staff, Department of Internal Medicine - Division of General Medicine  
Siegel, Randall S., Limited Staff, Department of Internal Medicine - Division of General Medicine  
Penza, Sam L., Limited Staff, Department of Internal Medicine - Division of Hematology and  
Oncology  
Shubert, Phillip J., Limited Staff, Department of Obstetrics and Gynecology  
McConnell, Charles T., Jr., Limited Staff, Department of Radiology - Division of Diagnostic

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Radiology

White, Daniel J., Limited Staff, Department of Radiology - Division of Diagnostic Radiology

Schwarzell, John R., Courtesy Staff, Department of Surgery - Division of General Surgery

November 6, 1992 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

Upon motion of Ms. Casto, seconded by Mr. Skestos, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**RESOLUTIONS IN MEMORIAM**

Resolution No. 93-55

Synopsis: The approval of five Resolutions in Memoriam is proposed.

RESOLVED, That the Board adopt the following Resolutions in Memoriam and that the President be requested to convey a copy to the families of the deceased.

W. Arthur Cullman

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on October 18, 1992, of W. Arthur Cullman, Professor Emeritus in the Department of Marketing.

W. Arthur Cullman was born December 27, 1914, in New York City. He received his Bachelor of Arts from Yale University and his Master's degree in Business Administration from Harvard University. In 1951 he received his Doctor of Philosophy degree in Business Administration from The Ohio State University. He held a number of sales and management positions for Philip Morris, Inc., and for Benson & Hedges where he was Executive Vice President.

In 1947, Dr. Cullman moved from the business world to the academic world where he became a professor in Marketing at The Ohio State University. He had the honor of being named Professor of the Year by College of Business students as well as a recipient of the OSU Distinguished Service Award. While here, he served on a number of committees and councils, including the Faculty Council, Graduate Council, Council on Instruction, Council on Student Affairs, and University Senate. He also served on The Ohio State University's fundraising campaign and the Cullman Symposium Committees.

Dr. Cullman was instrumental in the establishment and development of many business and not-for-profit organizations; he also served on several board of directors for these organizations. He received numerous awards and honors including the Achievement in Marketing Award, the Ohio Governor's Award for contributions that benefitted Ohio businesses, and, with his wife, the Temple Israel's Community Humanitarian Award. In 1988, he was named the Top Entrepreneurial Supporter by the Columbus and Central Ohio Entrepreneur of the Year Committee, and in 1989 he was inducted into the Central Ohio Business Hall of Fame.

Dr. Cullman was a caring, committed person who loved people. He was creative, an over-achiever, honest and fair, gracious, thoughtful, serving, generous, and was concerned about justice and fairness. He will be missed and will be remembered.

On behalf of the University, the Board of Trustees expresses to the family its deepest sympathy and sense of understanding in their loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's Heartfelt sympathy.

November 6, 1992 meeting, Board of Trustees

### **RESOLUTIONS IN MEMORIAM (contd)**

Frank M. Fletcher

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on August 17, 1992, of Frank M. Fletcher, Ph.D., Professor Emeritus in the Department of Psychology.

Dr. Fletcher was born in Colorado Springs, Colorado. The family moved to Denver, Colorado where he completed his elementary and secondary education, graduating from Denver East High School in 1931. He attended the University of Colorado studying Psychology and received his B.S. degree in 1935. He began his graduate studies in 1935 in Animal Psychology and received the Ph.D. degree in 1939. During these years he had several part-time positions at Yale, including Animal Research Assistant under Professor Yerkes and a staff position in the Department of Personnel Studies.

In 1940, he accepted a position with the Occupational Analysis Section of the United States Employment Service and in 1941, four days after Pearl Harbor, he was commissioned as a psychologist in the Navy. Following World War II, he accepted a faculty position at the University of Michigan and in 1947 he came to The Ohio State University as the Director of the Occupational Opportunity Service, now the Consulting and Consultation Service, and an additional appointment in the Department of Psychology. He remained Director of OOS until 1962 and served as a Professor of Psychology until 1979, when he retired and was named Professor Emeritus.

Although his Ph.D. in Animal Science was under Dr. Yerkes, he has held positions in the Department of Personnel Studies at Yale, the United States Employment Service, the U.S. Navy during the war, and at the University of Michigan. As a result, he came to The Ohio State University with extensive knowledge and experience in psychology, veterans' counseling, and in other areas such as personnel classification and interviewing.

Dr. Fletcher was nationally known and respected for his work in the field of Counseling Psychology. He worked for the best interests of the individuals and organizations he served, and cared deeply about students. He was a founding member and helped organize the American Personnel and Guidance Association (now the American Counseling Association). He served as the Association's first treasurer and as an early president. He was awarded Fellow status for exceptional contributions to the field of Counseling Psychology, Division 17, the American Psychological Association; and was elected President of Division 17 for the year 1964-1965. He was a founding member of the Journal of Counseling Psychology and managing editor for many years.

His work was instrumental in the passage of the National Defense Education Act of 1958, which provided support for the training of high school guidance counselors. He developed procedures for and presided over the counseling of thousands of veterans returning from World War II. With Frank Robinson he secured the first Veterans' Administration training positions for graduate students in Counseling Psychology. He was a consultant to the Ministry of Education, the Government of India in New Delhi, the United States Department of Labor, and the Veterans' Administration. For many years, he was a field selection officer for the Peace Corps.

Professor Fletcher was a major figure in the growth of The Ohio State University's highly regarded Counseling Psychology program. Dr. Fletcher was a pioneer in this field. In 1983 the Fletcher Fund (Robinson, Fletcher, Pepinsky, and Stewart Endowment Fund) was established to support faculty development and faculty and graduate student research primarily in the area of Counseling Psychology.

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### **RESOLUTIONS IN MEMORIAM (contd)**

Frank M. Fletcher (contd)

Dr. Fletcher will be remembered by students, colleagues, and friends for his 40 year career as an educator and psychologist, for his devotion to them and to the advancement of the field of Counseling Psychology.

On behalf of the University, the Board of Trustees expresses to the family its deepest sympathy and sense of understanding in their loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Philip S. Jastram

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on October 6, 1992, of Philip S. Jastram, Professor Emeritus in the Department of Physics.

Dr. Jastram was born in Providence, Rhode Island, on February 28, 1920, and was a graduate of Harvard University and the University of Michigan, where he earned a doctorate in physics in 1948. He joined the faculty at Ohio State in 1955, and was a remarkably active member of the University community until his retirement in 1988.

Dr. Jastram's influence was felt deeply, and benignly, in a variety of different areas of university and community life. As a physicist he was productive in research, and particularly effective -- and loved -- as a teacher at every level and as research supervisor for numerous graduate students. He was actively involved in university governance at all levels, and made substantial contributions to the American Association of University Professors, with which he was involved at both the local and national levels. In 1982 he was honored by the Ohio State chapter of AAUP with its Lou Nemzer award.

In the community Dr. Jastram was perhaps best known as a lover and patron of the arts. A founding trustee of the Cantari Singers of Columbus, he was also past president of the Jefferson Academy of Music and an active supporter of a number of musical and cultural organizations. He is particularly known in Columbus for playing a critical role in the rescue, at decisive moments in their history, of the Ohio Theatre, Opera/Columbus, and the Columbus Symphony Orchestra.

On behalf of the University community, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in their loss. It was directed that his resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Arthur E. Middleton

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on September 21, 1992 of Arthur E. Middleton, Professor Emeritus in the Department of Electrical Engineering.

Professor Middleton was born in Erie, Pennsylvania on June 10, 1919. He received a B.S. degree in 1940 from Westminster College, his M.S. and Ph.D. degrees from Purdue University in 1942 and 1944; all of his degrees were in Physics. The Ph.D. degree was in the rapidly developing field of solid state physics. From 1942 to 1945 he served as Instructor and Research Fellow in the Physics Department of Purdue University.

November 6, 1992 meeting, Board of Trustees

### **RESOLUTIONS IN MEMORIAM (contd)**

Arthur E. Middleton (contd)

In 1945, Dr. Middleton joined Battelle Memorial Institute in Columbus, Ohio, as Supervisor of the Semiconductor and Dielectrics division. Starting as a subunit of the Metallurgical Physics division, with one assistant, Professor Middleton supervised the growth of this activity to a point in 1951 in which it was a separate division within Battelle, employing 45 people (5 Ph.D.'s) and conducting 20 research projects concurrently.

In 1953, he joined the P.R. Mallory Company, in Indianapolis, Indiana, as Director of Physics and Physical Chemistry Laboratories. In this capacity he directed research on semiconductor materials, device design and device applications, and led Mallory in its efforts to become a prominent supplier of semiconductor and thin film components.

From 1958 to 1959, Dr. Middleton served as Head of the Electroluminescent (EL) Lamp Division of the General Electric Co., in Cleveland, Ohio. In 1959, he joined the Harnshaw Chemical Co., in Cleveland, Ohio, as manager and Director of the Solid State Research and Electronics Division.

Dr. Middleton joined the Ohio Semiconductor Division of Tecumseh Products Company, in 1962, as Chief Scientist and Director of Materials and Long Range Research. Among his other activities, he organized and directed a substantial research activity capable of conducting high level semiconductor research activity.

In 1965, Dr. Middleton joined the faculty of The Ohio State University as Professor of Electrical Engineering and Director of the Department's Electronic Devices Laboratory. In this latter capacity, he continued to pursue fundamental research on semiconductor materials and added to his already impressive list of publications in prestigious journals. At the time of his retirement in 1984, he was accredited with 14 patents on solid state devices. He also taught courses in solid state theory and electronics and introduced a successful upper-level laboratory course sequence on solid state device fabrication.

Following his retirement from University service, Dr. Middleton was Vice President of Ohio Semitronics, in Columbus, Ohio, and also continued his long service as a member of the board of directors of North Pittsburgh Systems, Inc.

On behalf of the University the Board of Trustees expresses to the family of Professor Middleton its deep sympathy and sense of understanding of their loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

John A. Prior, M.D.

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on October 14, 1992, of John A. Prior, M.D., Professor Emeritus in the Department of Internal Medicine.

John A. Prior was born on April 17, 1913, in Columbus, Ohio. He attended The Ohio State University and received a B.A. degree in 1935 and M.D. degree in 1938. Following graduation from Medical School, Dr. Prior did his internship at Grant Hospital in Columbus, followed by residency and fellowship training in Cincinnati in the Pulmonary Division of Dunham Hospital. He completed this training in 1944.

November 6, 1992 meeting, Board of Trustees

### **RESOLUTIONS IN MEMORIAM (contd)**

John A. Prior, M.D. (contd)

Immediately following training, Dr. Prior was offered a faculty position in the Department of Medicine at The Ohio State University. He was promoted to Associate Professor in 1948 and Professor in 1951. He served as Chief of the Division of Pulmonary Diseases from 1952-61. Later, he served as Assistant Dean of the College of Medicine from 1961 to 1963, as Associate Dean from 1963 to 1970, and Dean from 1970 to 1972. He returned to teaching in 1972 in the Department of Internal Medicine, where he worked until his retirement in 1981. Upon retirement, Dr. Prior was named Professor Emeritus as a result of his long and meritorious service to the medical center.

Over the course of his career, Dr. Prior was awarded the Distinguished Teaching Award, the Alumni Achievement Award and the University Distinguished Service Award. He has authored or co-authored a number of scientific publications and is the author of a textbook entitled Physical Diagnosis which has been published in four foreign languages.

Dr. Prior's contributions to the University have been significant. He played a major role in the development of the Health Sciences Library, a facility which was later named for him in recognition of his achievements in this area. He was an enthusiastic medical educator who energetically worked to develop the new medical center library, for which he was instrumental in acquiring a nearly \$2 million federal grant. In the official Board of Trustees minutes of September 2, 1988, Dr. Prior was described as a person whose "leadership, dedication and energies helped make the Health Sciences Library possible."

In other areas of his professional life, Dr. Prior also excelled. He was a consultant to a number of local agencies such as the Ohio Industrial Commission, the Dayton and Chillicothe Veterans Administration Hospitals, the Ohio Department of Health, and others. He held membership in a number of prestigious medical and scientific societies such as the American College of Physicians, American College of Chest Physicians, American Thoracic Society, and he served on the Board of Trustees of the Children's Hospital Research Foundation and as a member of the Board of Directors of the Ohio State University Research Foundation. He was president of The Ohio State University College of Medicine Alumni Society and was also active in the Rotary Club of Columbus. He is listed in Who's Who in America, Who's Who in World Science, American Men in Medicine, and Who's Who in the Midwest.

Dr. Prior was known throughout his career as a compassionate and caring physician and teacher, as well as an accomplished statesman.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in this loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Upon motion of Mr. Celeste, seconded by Mr. Skestos, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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November 6, 1992 meeting, Board of Trustees

**REPORT - UNIVERSITY'S ENDOWMENT FUND**

Resolution No. 93-56

RESOLVED, That the report on the University's Endowment Fund, dated October 16, 1992, as submitted to the Investments Committee of the Board of Trustees, be received and filed with the official records of the Board.

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Thereupon the Board adjourned to meet Friday, December 4, 1992, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio.

Attest:

Madison H. Scott  
Secretary

John J. Barone  
Chairman

THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND TWO HUNDRED AND EIGHTY-EIGHTH MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, December 4, 1992

The Board of Trustees met at its regular monthly meeting on Friday, December 4, 1992, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

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Minutes of the last meeting were approved.

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December 4, 1992 meeting, Board of Trustees

The Chairman, Mr. Barone, called the meeting of the Board of Trustees to order on December 4, 1992, at 10:30 a.m. He requested the Secretary to call the roll.

Present: John J. Barone, Chairman, John W. Kessler, Milton A. Wolf, Alex Shumate, Theodore S. Celeste, Michael F. Colley, George A. Skestos, Kristen Cusack, and Hiawatha N. Francisco, Jr.

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Mr. Barone:

We will now have a presentation by the Men's Glee Club. These young men are known as the "Statesmen."

Professor James Gallagher:

Good morning. We are pleased to be able to bring you some holiday cheer this morning -- we will be brief and hopefully sprightly. Our first song is a very old, but familiar tune, "Carol of the Bells." Next is a piece that probably made Irving Berlin's name and Bing Crosby's name even more of a household word than any other tune, "White Christmas." And we will end with a tune that everybody knows and if you would like to sing along, you are certainly welcome -- Jinglebells."

President Gee:

Gentlemen, thank you very much. We appreciate your coming today. I wish we could make that much harmony.

Mr. Barone:

Thank you, Jim.

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**AMENDMENTS TO THE COMMITTEE  
APPOINTMENTS FOR 1992-1993**

Resolution No. 93-57

Synopsis: Amendments to the Committee Appointments of the Board of Trustees for 1992-93 are recommended.

RESOLVED, That Resolution No. 93-16, detailing the Committee Appointments of the Board of Trustees for 1992-93 be amended as follows:

Educational Affairs

John W. Kessler, Chair  
Theodore S. Celeste, Vice Chair  
Alex Shumate  
George A. Skestos

Investments Committee

Milton A. Wolf, Chair  
Theodore S. Celeste, Vice Chair  
John W. Kessler  
George A. Skestos

December 4, 1992 meeting, Board of Trustees

**AMENDMENTS TO THE COMMITTEE  
APPOINTMENTS FOR 1992-1993 (contd)**

Standing Committee on Agricultural Affairs	Michael F. Colley, Chair Fred L. Dailey, Vice Chair, Ex Officio Alex Shumate George A. Skestos
Student Affairs	Kristen Cusack, Chair Deborah E. Casto, Vice Chair Hiawatha N. Francisco, Jr.
Fiscal Affairs	Alex Shumate, Chair Michael F. Colley, Vice Chair Deborah E. Casto
Personnel Committee	John J. Barone, Chair Deborah E. Casto, Vice Chair John W. Kessler
Inter-University Council	George A. Skestos
Research Foundation Board of Directors	Theodore S. Celeste
University Hospitals Board	Theodore S. Celeste <del>John J. Barone</del> <u>George A. Skestos</u>
The Arthur G. James Cancer Hospital and Research Institute Trustee Liaison	John W. Kessler John J. Barone
Ohio State University Affiliates, Inc.	John J. Barone (term 1 year) Deborah E. Casto (term 2 years) John W. Kessler (term 3 years)
Ad Hoc Committee on Planning*	Leslie H. Wexner, Chair Deborah E. Casto, Vice Chair Alex Shumate Michael F. Colley <u>George A. Skestos</u>
University Foundation Ex Officio Class of Directors	John J. Barone (term 1 year) John W. Kessler (term 2 years) Alex Shumate (term 3 years)

\*Serves as Board of Trustees' interface with the University's Planning Committee.

December 4, 1992 meeting, Board of Trustees

**AMENDMENTS TO THE COMMITTEE  
APPOINTMENTS FOR 1992-1993 (contd)**

University Managed Health Care  
System, Inc. Board of Directors

Theodore S. Celeste

Upon motion of Mr. Celeste, seconded by Mr. Colley, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**PRESIDENT'S REPORT**

President Gee:

As we come to the end of the autumn quarter, I think I hear a collective sigh of relief from our very busy faculty, staff, and students. It has by any account been a rigorous and I believe a very successful quarter. As you recall, I set out an action agenda in early October that identified five strategic areas to receive priority attention this year. From that impetus, more than 20 initiatives are underway centrally, and various committees and offices have taken up the call to action with their own efforts.

For example, this Board has heard from Associate Provost Nancy Rudd regarding the preparation of guidelines for faculty workload and performance evaluation. You have received a report on the successful work of Associate Provost Bob Arnold in addressing the autumn quarter closed course problems. He is now working on the problem for Winter Quarter registration. Vice President Hayes has convened an Ad Hoc Advisory Committee for Research Space. Vice President Linda Tom expects to have the university policy on sexual harassment ready in January.

University Systems has unveiled the Front Door Project, making information about Ohio State accessible to prospective students and friends of the university using state-of-the-art laser disk and computer technology. The Commission on Diversity has been formed and has begun meeting. And, importantly, in support of all of the activity under way, we are continuing our academic planning effort. The university mission statement on today's agenda represents the collaboration and discussion of literally hundreds of people all of whom care deeply about this institution and its direction.

The University Priorities Committee, chaired by the Provost, is meeting and advising on a number of planning issues. At the same time, we also have before us two reports that require our attention: the statewide Managing For the Future Task Force Report and the report of Ohio State's Managing For the Future Task Force. Obviously, saying all of that, our plate is full and our tasks are important. I am reminded just how important as I travel throughout the campus and the state and hear people's concerns.

At an evening assembly recently at Orange High School in Cleveland, I was struck by the eagerness of the students to attend college juxtaposed to their concern for the cost and challenges of the moment in higher education.

## **PRESIDENT'S REPORT (contd)**

President Gee: (contd)

Our current students inspire us in all of our efforts as well. Of particular note this month were the splendid Marching Band Concert and the Men's Glee Club fall concert. You heard, of course, the Statesmen today. Both, by the way, were outstanding performances.

Speaking of performances, this university was again honored to host Twyla Tharp in residence at the Wexner Center for the Arts. The dances created by Twyla Tharp for her company and Mikhail Baryshnikov provided magnificent and memorable evenings for the campus and community. The Wexner Center Anniversary Celebration provided another memorable occasion. This event was the largest single fund-raising event ever held for this university, raising \$1.4 million in one evening for the Wexner Center for the Arts. With the current exhibit "Will/Power" and the Tharp residency as examples, the Wexner Center programs are truly a centerpiece of pride for Ohio State.

At last night's Merry-maker's Banquet, I was further reminded of the support this university enjoys from this community. This group of dedicated Central Ohio leaders has created and supported an endowment for National Achievement Scholars at Ohio State. One of the talented students they support spoke at the banquet, and she expressed her gratitude for the opportunities made possible by their generosity.

Expressions of gratitude were also in order on Thanksgiving Day as the staff of the Hale Black Cultural Center served a free Thanksgiving dinner to those students who remained here during the holiday. They truly captured the warmth of the season and the spirit of the people of this university who are daily demonstrating a high level of commitment to our students and who are enhancing the quality of Ohio State.

Mr. Chairman, before ending my report, I want to bring to the attention of the Board a matter of utmost importance. Last winter, the University Senate passed a resolution calling for the university to mention the non-compliance of ROTC programs with the university's anti-discrimination policy. The resolution was brought to the Senate by the Undergraduate Student Government, and a similar resolution was passed by the Council of Graduate Students.

I am today taking administrative action to require the posting of a "notice of violation" in appropriate university publications. The "notice of violation" text will specify that the Reserve Officers Training Corps, as a result of the United States Department of Defense regulations, is in violation of university policy.

Let me note that the Reserve Officers Training Program has a long history at Ohio State. In fact, Ohio State was one of the first institutions in this federally created program some 75 years ago. Many students have received scholarships and educational opportunities through the program. I would hope that eventually all students at this university will be able to participate if they wish in this truly outstanding program.

### **PRESIDENT'S REPORT (contd)**

President Gee: (contd)

As you are all aware, the discriminatory military policy is receiving the attention of the new Presidential administration. In the meantime, recent lower federal court decisions preliminarily have held that discrimination in the military based on sexual orientation is unconstitutional. Therefore, there is hope that a "notice of violation" not only will clearly set forth the university's position on the inappropriateness of this discrimination, but also will serve as an interim position until the Department of Defense policy is changed to align with the university's institutional policies and values.

Mr. Chairman, that completes my report.

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### **HOSPITALS BOARD REPORT**

Mr. Barone:

I now have the extreme pleasure of introducing Ms. Susan Insley, Chairperson of the University Hospitals Board, who will give a report on the Hospitals.

Ms. Susan Insley:

Good morning and thank you very much on behalf of the Hospitals Board, Dr. Tzagournis, and Mr. Fraley. We are pleased to have the opportunity to share with you just briefly some of the activities and directions of your University Hospitals.

I would like to focus your attention on select components of the Hospitals' Strategic Plan. As you would expect, the Hospitals' Strategic Plan is dynamic and it needs to be flexible to adapt to our ever changing health care environment while providing the Hospitals with sufficient direction to retain control. As we all know, health care is a very hot topic on the news. Our strategic plan is intended to permit the Hospitals to be a strong leader as we carry forward our three part mission of teaching, research, and patient care.

A key to fulfilling our strategic plan has been the modernization and development of new facilities. The bond financing approved by this Board of Trustees recently in support of new facilities has been integral in moving our Hospitals along our strategic path. Construction of the Neuropsychiatric Hospital, made possible through the bond issue, is progressing well. This replacement facility, the first Hospitals building to be paid for by hospital operating funds, will enhance our ability to provide modern psychiatric services in a state-of-the-art setting. Also under design, is the renovation of the Surgical Intensive Care Unit. These greatly needed renovations also are being funded through the University bond issue. The renovated SICU will ensure the highest quality of care to our surgical patients.

To improve patient care for those not requiring an overnight stay, but who require extended post anesthesia recovery time, the Post Procedure Recovery Center has been established. This area has proven to be effective in reducing unnecessary patient stays. An additional portion of the bond financing is to support the continued growth of our Women and Infants Center, which is one of our centers

## HOSPITALS BOARD REPORT (contd)

Ms. Insley: (contd)

of emphasis. This program focuses on high risk pregnant women and very premature neonates.

Another one of our centers of emphasis which continues to grow is transplantations. The number of transplants being performed reached an all time high in fiscal year '91-'92. Currently, a transplant is performed at the Hospitals every 34 hours. Ohio State University Hospitals, for example, is the fifth busiest kidney transplantation center in America. The heart transplantation program celebrated its fifth year anniversary and the one hundredth heart was transplanted in November.

The Medicare Coronary Artery Bypass Graft Program is one of many examples of quality in procedures established by your Hospitals. Since its inception in 1991 as one of only four medicare recognized programs in America, 171 medicare patients have received coronary artery bypass grafts at our Hospitals. Our strategic plan does not end just on campus. In the further development of off site Hospitals' services, cardiology and outpatients psychiatric and rehabilitation services began in Dublin, Ohio, at the Stoneridge Center.

Despite the resources needed to keep up with rapid changes in services and the changing health care environment, patient care and satisfaction continue to be the primary concern of our Hospitals. We are pleased to note that patient satisfaction continues to rise. Comments would suggest that the rise in patient satisfaction is largely attributable to the intensive caring of our staff and faculty. More than 4,000 people are employed at University Hospitals. They are our best asset.

How do we use that asset? Well, we have a variety of programs. One is the Adult Literacy Program which exemplifies staff team work by pairing various staff members. As a result of these tutorials, they raised the literacy rate of all of our Hospitals' staff members. Learn for Life was established this year to provide information and resources to our staff members about ongoing educational opportunities both within and outside the Hospitals and the University.

Many staff members have contributed well beyond expectations in these tough economic times through initiating winter clothing drives for a homeless shelter in our community and providing generous contributions to the United Way and other agencies. This year, for example, donations to the United Way from the Hospitals' staff will exceed \$89,000. In addition, for the fifth straight year the staff at University Hospitals has been the largest donor of blood of any hospital group in Franklin County -- leadership in every area.

Community outreach also involves educational opportunities. I want to take a few minutes to talk to you about some of the things that the Hospitals is doing to aid our communities. In serving our educational mission, the Hospitals has created numerous opportunities for people in this area. Children from the Hubbard Elementary School in Columbus, one of the Hospitals two area adopted schools, learn about the Hospitals through events such as Emergency Department Tours, Career Days, and observations. On occasion our staff provides supplies otherwise unavailable to these schools. This slide shows youngsters touring the Emergency Department. As a result of an internship program with Ft. Hayes High School in

## **HOSPITALS BOARD REPORT (contd)**

Ms. Insley: (contd)

Columbus, the Hospitals second adopted school, we received an outstanding school partnership award last year. Similarly, programs such as Think First, a head injury prevention program developed in conjunction with our Department of Neurosurgery, are brought directly into area schools.

The Hospitals also provide educational opportunities to those of every age. This slide shows individuals who walk at Lane Avenue shopping mall. These individuals are provided free monthly seminars sponsored by the Office of Geriatrics on various wellness and fitness topics. Future topics will include: Arthritis in the Active Life and Cancer Prevention. Opportunities to learn about the health care career choices are provided through forums such as career days, shown here with an Explorers' post, and nursing camps for young women. Through funding by the Area Private Industry Council, low income and unemployed persons receive training in housekeeping and interpersonal skills here at the Hospitals. This program increases our ability to recruit and retain skilled persons in a high turnover area, as well as benefitting all of the Columbus area hospitals. Thus far, 42 adults have graduated from this program initiated by the Hospitals.

Parents on the Move is another program initiated by your Hospitals. In cooperation with the Private Industry Council, Human Services, and Columbus State Community College, this program provides parents who are currently on public assistance with the opportunity to obtain a degree and receive on the job training. Seven participants completed the program in its first year of operation and one participant received a scholarship from Columbus State Community College. Parenting 101 is another example of educational services offered to the community. Each year the Hospitals sponsor a free program with a national speaker on parenting.

We also reached out to the business and professional community in Columbus this year by starting OSU Health Insights. This program was established in the spring involving, thus far, 60 young business professionals in the area. It serves to increase community health care awareness and fostering goodwill between the Hospitals and our business community.

Now supplementing these community education efforts is Health Professional Education. OMEN-TV and Radio, developed by the College of Medicine's Department of Continuing Medical Education, presents challenging discussions on medical topics. Currently OMEN-TV and Radio reaches about 1,500 physicians with each program, and 675 of these physicians are outside the State of Ohio. OMEN Radio is produced each week and 25 OMEN television programs will be shown this year. The Department of Obstetrics and Gynecology has developed newsletters for referring physicians, not only to keep them up-to-date on the latest practices and procedures, but also offering opportunities for their leadership and for continuing education credits.

Nursing has made substantial strides in extending continuing education to community nurses through seminars and internships. The Hospitals is the leading provider of continuing education for public school nurses around the country.

National and local seminars were attended by 1,800 nurses from all over America coming here to our campus.

**HOSPITALS BOARD REPORT (contd)**

Ms. Insley: (contd)

As another part of our strategy of outreach and to fulfill our mission, the Hospitals provide services tailored to differing and frequently unmet community needs. Let me share a few of those services provided both here on campus as well as off. Close to home this year the Hospitals provided screening and information services at the fall University Staff Party on the Oval. As you can see from this slide, the event was enjoyed by all. Team building efforts encourage enthusiasm and morale. Again on campus the Hospitals sponsored something called, "Birth of a Bed." It was initiated by Hospitals' staff to compensate for budget reductions for campus beautification. Members from 30 Hospitals' departments volunteered time, energy, initiative, and money to ensure that the Hospitals' campus and University was attractive to patients and visitors. More recently the Hospitals have agreed to loan a Park and Ride van to the University for use in the evenings as part of the Crime Watch Escort Service Program.

The Hospitals is also the largest donor to the MedOhio Food Bank Second Servings Program. Each month the Hospitals provide an average of 6,000 pounds of food to the food bank for less privileged individuals. The second largest donor incidentally is the Ohio Union, providing 1,500 pounds of food. Through the Hospitals' sponsored Ask-a-Nurse Program, Ohioans have free 24-hour access to help and referral information. There were over 125,000 calls last year.

For the third year, the Hospitals has reached out and provided checkups in the community. This year's health check visited the Martin Luther King Center in Columbus for 2 days. A Geriatric Nursing Program was recently established in cooperation with the Asbury United Methodist Church and Lifecare Alliance, also in Columbus. In this program, a Hospitals' sponsored nurse, pictured here incidentally, provides care to the elderly within the Woodland Park Community. In addition, the Hospitals and the Department of Obstetrics and Gynecology provide nursing support for a preterm birth prevention service offered by the Echo Family Health Center on Broad Street in Columbus.

All of these outreach initiatives involve and rely upon people. It is people after all who are our best asset, and who make it possible for us at University Hospitals and this University to carry out our three part mission of teaching, research, and patient care. Thank you, Mr. Chairman.

Mr. Barone:

Thank you, Susan.

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## RESEARCH FOUNDATION REPORT

Mr. Celeste:

I am pleased to give this report on the grants and contracts for the month of October received by The Ohio State University Research Foundation. Once again, you should all have a copy of this report. If you look at Tab 1, we see that the awards for the period July through October are up about the same as last month, 3.49 percent. This was aided by a large award from the Rehabilitation Services Administration that I will highlight in a minute. In addition, there was a significant increase in funding from the National Institutes of Health -- some of this funding had been delayed until the end of the federal fiscal year.

At Tab 2 you will find expenditure summaries. Expenditures through October continue to show a modest increase over last month and are up approximately 5.5 percent.

Some projects of special interest that were funded in the month of October are listed at Tab 3. Just this week I visited with Professor Corrigan, Director of the new Ohio Valley Center for Head Injury Prevention and Rehabilitation. The center has received \$2.9 million of funding from the Rehabilitation Services Administration for four years. The center will develop, demonstrate, and disseminate model programs for effective prevention, acute care, and rehabilitation of persons who have experienced traumatic brain injury. This center will be a resource for over 23 million people living in Ohio, Indiana, Virginia, and West Virginia. You may have read about this program in the paper yesterday.

The National Center for Nursing Research has funded Professor Wewers in the Department of Life Span Process to study the relationships between cigarette smoking, opioid peptides, and mood states. These studies are expected to lead to an understanding of the mechanisms responsible for tobacco withdrawal symptoms and dysphoric mood states that is critical to developing therapeutic interventions aimed at improving successful smoking cessation.

At Tab 4 is the list of all projects funded in October. At Tab 5 there are several graphs comparing the growth rate of federal obligations in science and engineering for research and development at the Big Ten universities, plus Penn State University. The first graph shows the rate of growth for total science and engineering R&D at Ohio State that is comparable to the Big Ten and all other institutions. The remaining graphs show the growth trends for each major science and engineering discipline. I hope that this will give the members of the Board a better idea of the disciplines where growth at OSU has exceeded or lagged behind the Big Ten and all other institutions. Finally, at Tab 6 you'll find a press release issued by University Communications highlighting a recent research activity.

## REPORT OF RESEARCH CONTRACTS AND GRANTS

Resolution No. 93-58

Synopsis: The reports on research and other sponsored program contracts and grants and the summary for October 1992 are presented for Board acceptance.

WHEREAS monies are solicited and received on behalf of the University from governmental, industrial, and other agencies in support of research, instructional activities, and service; and

December 4, 1992 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS AND GRANTS (contd)**

WHEREAS such monies are received through The Ohio State University Research Foundation and the Engineering Experiment Station of The Ohio State University:

NOW THEREFORE

BE IT RESOLVED, That the research agreement between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the reports from the Engineering Experiment Station during the month of October 1992 be approved.

Upon motion of Mr. Celeste, seconded by Mr. Colley, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

Summary

OCTOBER 1992

<u>Source</u>	<u>7/1/91-10/31/91</u>	<u>7/1/92-10/31/92</u>	<u>October 1992</u>
The Ohio State University Research Foundation	\$ 60,870,152.34	\$ 62,992,732.56	\$16,802,314.44
Engineering Experiment Station	\$ 2,568,261.00	\$ 3,048,604.00	\$ 683,582.00

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**STUDENT AFFAIRS COMMITTEE REPORT**

Ms. Cusack:

Yesterday we had a round-table discussion with graduate and professional students and learned about several issues of importance to them. We discovered that though we help many graduates and professional students find their way to Ohio State, we are not nearly as active in helping them find their way out of Ohio State. Graduate students suggested that aids such a vita bank and more information and help in attending professional conferences would be a great help. The role of advisors in both groups could use some improvement, and stronger guidance in all areas of student career development would be helpful.

We were informed that a great many of the TA's that cover the classes have little or no training to teach students. They have knowledge of the subject material, but they have not necessarily been taught to communicate that material.

We also learned of the critical problem of child care for graduates and professional students. The Ohio State University child care system is based on a first come first serve basis, but students do not have places held for them when they return in the autumn after a break during the summer. Flexible child care is important. We cannot recruit these talented older students and then make it impossible for them to attend classes.

December 4, 1992 meeting, Board of Trustees

### **STUDENT AFFAIRS COMMITTEE REPORT (contd)**

Ms. Cusack: (contd)

Campus safety is still an issue. Professors could help the situation by asking students how they will be getting home after a night class and making it so that students can pair up and get home safer. The students overall gave us a lot to think about in the Student Affairs Committee meeting yesterday, but they also offered us a lot of valuable suggestions and solutions.

Finally, we heard reports from the student government leaders. John Hilbert mentioned that the Undergraduate Student Government has had a successful campaign for student evaluations of teachers. USG sent out their own questionnaires in addition to those sent out by the University. The results of those questionnaires will be published by the Undergraduate Student Government and distributed. The questionnaires were distributed to all professors and are returned on a voluntary basis. Professors' responses were very positive and the questionnaires returned so far have been very good.

Karen Duncan, President of the Council of Graduate Students, asked me to call your attention to the two memos that you received today. They are the responses by the Council of Graduate Students on the President's Commission on Women and the Engineering Computer Fee.

Greg Gorospe, President of the Interprofessional Council, reported that they are taking definitive steps toward making IPC a stronger and more stable group that more professional students can take part in. That concludes my report.

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### **AGRICULTURAL AFFAIRS COMMITTEE REPORT**

Mr. Colley:

Mr. Chairman, the Agricultural Affairs Committee of the Board of Trustees met this morning. Vice President Moser reviewed the budget cuts of the College of Agriculture and their negative impact on research, education, and outreach programs of the College, and the steps which the College has taken to reduce expenditures and generate additional income. The capital improvements budget was discussed and approval of the \$13 million requested will enable the College to continue important programs on the Columbus campus and OARDC and ATI in Wooster. The College of Agriculture administrators also discussed budget requests for the next biennium.

Vice President Moser also discussed Agriculture Policy and Outlook Conferences which are being held at 10 sites around the state. These Policy and Outlook Conferences are a cooperative effort between the Department of Agricultural Economics and Rural Sociology and the Extension Service in a design to bring the latest economic information to people from all areas of the agriculture industry in Ohio and surrounding states. Outlook is presented from commodities, the national economy, trade, and policies which will affect all aspects of the farm economy.

December 4, 1992 meeting, Board of Trustees

**AGRICULTURAL AFFAIRS COMMITTEE REPORT (contd)**

Mr. Colley: (contd)

Vice President Moser presented the recently completed mission/vision statement for the College of Agriculture which includes the priority areas of the campuses. The proposed name change for the Ohio Cooperative Extension Service as well as a future name change for the College of Agriculture were also discussed. He reported a 5.5 percent increase in overall enrollment for the College.

Finally, Mr. Chairman, the Agricultural Affairs Committee recommends the adoption of a proposed resolution renaming the Ohio Cooperative Extension Service to the Ohio State University Extension.

**RENAMING OF THE OHIO COOPERATIVE EXTENSION SERVICE**

Resolution No. 93-59

Synopsis: The Agricultural Affairs Committee recommended the renaming of the Ohio Cooperative Extension Service to Ohio State University Extension.

WHEREAS changing the name of the Ohio Cooperative Extension Service to "Ohio State University Extension" will promote the identification of the Extension with The Ohio State University and broaden the understanding of its mission; and

WHEREAS the name "Ohio Cooperative Extension Service" fails to convey the teaching and research aspects of the Extension and may mislead the public as to its goals and objectives; and  
WHEREAS the name "Ohio State University Extension" will promote an awareness of the larger vision and opportunity for Extension to collaborate with University faculty and incorporate educational programs and expertise from all areas of the University; and

WHEREAS the Extension mission in Ohio has two objectives that would benefit from a greater awareness and applicability of a broader University base, including to unite and extend the broad base of University resources as well as maximize available resources by organizing leading coalitions; and

WHEREAS this broad based approach will promote the University's objective to concentrate on critical economic, environmental, leadership and youth, family development issues:

NOW THEREFORE

BE IT RESOLVED, That the name Ohio Cooperative Extension Service be changed to the "Ohio State University Extension" pursuant to Ohio Revised Code, Section 3335.16 and Section 3335.36.

Upon motion of Mr. Colley, seconded by Mr. Shumate, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

**AGRICULTURAL AFFAIRS COMMITTEE REPORT (contd)**

President Gee:

The changing of the name of the Ohio Cooperative Extension Service to Ohio State University Extension is a most significant name change. Our extension faculty are located in all 88 counties of the State and are truly the presence of this University in every facet of life for Ohioans. By this name change, we hope that their work will be recognized not only for the fine work that they do, but ultimately recognized as work of this University. For too long our faculty have been recognized for the great work that they do, but not for their affiliation with the institution that provides them that opportunity. I believe that this is a most significant change, and one that will be readily welcomed by all of us at the University.

Mr. Barone:

Thank you, Mr. President. I think we'll all agree with that.

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**INVESTMENTS COMMITTEE REPORT**

Amb. Wolf:

The Investments Committee heard the monthly Endowment Summary Report for the period October 16, 1992 through November 20, 1992. The market value of the Endowment Fund on November 20, was \$426.7 million. This total is approximately \$15.6 million above the October 16, 1992 market value, and I'm pleased to announce that it represents an all-time high. The market value of the equity portion of the Endowment Fund increased \$16.1 million, while the fixed income portion decreased \$1.4 million during this reporting period. Net new additions to the Endowment Fund for November totalled \$2.2 million. Since July 1992 the Endowment Fund has increased over \$24.7 million, including net new additions of \$6.1 million. The current asset allocation for the Endowment Fund is 57 percent invested in equities, 26 percent invested in fixed income securities, 8 percent in real estate, and 9 percent in cash equivalents.

The Investments Committee also heard the Quarterly Endowment Report for September 30, 1992. It showed that the Endowment Fund continued to grow over that quarter. To date this fiscal year the Endowment has distributed \$20.6 million of income to over 1,900 funds. This is nearly triple the amount distributed 10 years ago. I would like to call your attention to the graph on page 6 -- it shows that over the past 10 years the growth of the Endowment Fund has consistently stayed ahead of the index for the higher education price index.

We also heard the Quarterly Report on Total Cash and Investments for the University. It was reported that the total of cash and investments for all accounts in the University as of September 30, 1992 was \$826 million. This was an increase of \$98.7 million from the quarter ended June 30, 1992, however the primary reason for the increase came from a \$61.3 million net increase in the University's debt service and debt construction funds due to the 1992 fixed rate bond that was issued.

**INVESTMENTS COMMITTEE REPORT (contd)**

Amb. Wolf: (contd)

Finally, the Investments Committee discussed the Endowment's current asset allocation and, once again, reviewed the individual investment managers' performances for the 1992 fiscal year. The Committee had formerly reviewed the fixed income managers in October and met with our equity managers in November. The Investments Committee discussed our current targets of 60 percent equities, 25 percent fixed income, and the balance in real estate and cash equivalents. At the next Board meeting we will review again this asset allocation formula and we hope to determine then whether or not we should revise this allocation formula or retain it in its present condition. The allocations to the investment managers were discussed, and therefore, Mr. Chairman, a resolution is now before us to reappoint the investment advisors of The Ohio State University Endowment Fund.

**REAPPOINTMENT OF INVESTMENTS ADVISORS**

Resolution No. 93-

60

Synopsis: The Investments Committee recommended the approval of the Reappointment of Investment Advisors.

WHEREAS it is the policy of The Ohio State University to utilize the services of external Investment Advisors to assist in the management of the University's Endowment Fund; and

WHEREAS the Investments Committee of the Board of Trustees periodically reviews the results obtained by the external Investment Advisors and the amount of funds assigned to each of them; and

WHEREAS it is prudent investment policy to adjust the mix and amounts of money assigned to external Investment Advisors as economic conditions change; and

WHEREAS the Investments Committee has also directed the Treasurer to maintain University Managed equity funds which primarily consist of gifts and a University Managed GNMA fund; and

WHEREAS the number of external Investment Advisors and the amount of funds assigned to them and the Treasurer shall be determined by the Board of Trustees:

NOW THEREFORE

BE IT RESOLVED, That upon the recommendation of the Investments Committee of the Board of Trustees the following named external Investment Advisors and the Office of the Treasurer shall be reappointed to counsel in the management of Endowment Fund Investments totaling the initial amounts indicated:

<u>Advisor</u>	<u>Allocations</u>	<u>Date</u>	<u>Market Value as of 11/20/92</u>
Boatmen's Trust Company	\$10,000,000	12/83	
(Fixed Income)	10,000,000	4/87	
	<u>5,000,000</u>	10/90	
	<u>\$25,000,000</u>		<u>\$31,817,654</u>

**REAPPOINTMENT OF INVESTMENTS ADVISORS (contd)**

<u>Advisor</u>	<u>Allocations</u>	<u>Date</u>	<u>Market Value as of 11/20/92</u>
The Chicago Corporation (Equities)	\$10,000,000	10/77	
	11,500,000	2/79	
	(2,500,000)	7/79	
	(5,000,000)	7/81	
	1,000,000	4/83	
	5,000,000	6/86	
	5,000,000	3/87	
	<u>(7,500,000)</u>	5/89	
	<u>\$17,500,000</u>		<u>\$49,333,965</u>
Duff and Phelps Investment Management Company (Fixed Income)	\$10,000,000	7/87	
	<u>5,000,000</u>	3/92	
	<u>\$15,000,000</u>		<u>\$16,261,996</u>
W. R. Lazard and Company (Fixed Income Index Fund)	\$10,000,000	8/89	
	<u>5,000,000</u>	11/90	
	<u>\$15,000,000</u>		<u>\$16,149,735</u>
R. Meeder and Associates, Inc. (Small Capitalization Equity Index Fund)	<u>\$15,000,000</u>	8/89	<u>\$16,020,637</u>
Nicholas-Applegate Capital Management (Equities)	\$10,000,000	6/86	
	5,000,000	11/90	
	<u>5,000,000</u>	3/92	
	<u>\$20,000,000</u>		<u>\$36,112,206</u>
STW Fixed Income Management, Inc.	\$10,000,000	12/83	
	10,000,000	4/87	
	<u>5,000,000</u>	10/90	
	<u>\$25,000,000</u>		<u>\$31,773,000</u>
University Administered (Equities)	<u>\$16,010,066</u>	varies*	<u>\$50,360,743</u>
University Managed (GNMA's)	\$10,000,000	7/87	
	2,500,000	12/90	
	<u>10,000,000</u>	3/92	
	<u>\$22,500,000</u>		<u>\$23,348,636</u>
University Students (Equities)	<u>\$ 5,000,000</u>	2/90	<u>\$ 7,804,236</u>
Wells Fargo Investment Advisors (Standard & Poors 500 Equity Index Fund)	\$30,000,000	10/89	
	7,500,000	11/90	
	<u>17,000,000</u>	12/92	
	<u>\$54,500,000</u>		<u>\$64,222,193</u>

\*Varies with receipt and sale of gifts.

**REAPPOINTMENT OF INVESTMENTS ADVISORS (contd)**

<u>Advisor</u>	<u>Allocations</u>	<u>Date</u>	<u>Market Value as of 11/20/92</u>
Wells Fargo Investment Advisors (Small Capitalization Equity Index Fund)	<u>\$15,000,000</u>	3/92	<u>\$15,564,794</u>
Wood Island Associates, Inc. (Equities)	\$ 2,000,000	1/79	
	1,500,000	10/79	
	5,300,000	7/81	
	5,000,000	4/83	
	5,000,000	4/86	
	<u>(7,500,000)</u>	5/89	
	<u>\$11,300,000</u>		<u>\$39,258,784</u>

Upon motion of Amb. Wolf, seconded by Mr. Kessler, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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Amb. Wolf:

The Investments Committee is also recommending the following resolutions:

**REPORT ON UNIVERSITY DEVELOPMENT**

Resolution No. 93-61

Synopsis: The report on the receipt of gifts and the summary for October 1992 are presented for Board acceptance.

WHEREAS monies are solicited and received on behalf of the University from alumni, industry, and various individuals in support of research, instructional activities, and service; and

WHEREAS such gifts are received through The Ohio State University Development Fund and The Ohio State University Foundation:

NOW THEREFORE

BE IT RESOLVED, That the acceptance of the report from The Ohio State University Development Fund and The Ohio State University Foundation during the month of October 1992 be approved.

Upon motion of Amb. Wolf, seconded by Mr. Shumate, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

December 4, 1992 meeting, Board of Trustees

**REPORT ON UNIVERSITY DEVELOPMENT (contd)**

TOTAL UNIVERSITY PRIVATE SUPPORT

July-October  
1991 compared to 1992

GIFT RECEIPTS BY DONOR TYPE

	Dollars		
	July through October		
	<u>1991</u>	<u>1992</u>	<u>% Change</u>
Individuals:			
Alumni (Current Giving)	\$2,421,656	\$3,790,404	57
Alumni (From Bequests)	<u>766,518</u>	<u>548,381</u>	(28)
Alumni Total	\$3,188,174	\$4,338,785	36
Non-Alumni (Current Giving)	\$1,389,379	\$1,311,167	(6)
Non-Alumni (From Bequests)	<u>529,269</u>	<u>1,452,578</u>	174
Non-Alumni Total	\$1,918,648	\$2,763,745	44
Individual Total	\$5,106,822	\$7,102,530	39
Corporations/Corp. Foundations	\$4,066,821	\$4,694,905	15
Private Foundations	\$1,651,871	\$1,311,571	(21)
Associates, Other Organizations	<u>\$1,585,597</u>	<u>\$1,266,013</u>	(20)
TOTAL	\$12,411,111	\$14,375,019	16

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Establishment of Named Funds

The Jane Moss Lloyd Gynecologic Cancer Research Endowment Fund (Support gynecologic cancer research)	\$ 250,306.55
The Alice Lucile Russel Scholarship Fund (Undergraduate scholarships in Agriculture)	\$ 68,874.96
The Robert B. Bockstiegel and Viola V. Bockstiegel Memorial Scholarship Fund (Scholarships in Engineering)	\$ 28,000.00
The Dr. Paul C. Clayton International Agriculture Award (Awards for agricultural research)	\$ 15,715.00

December 4, 1992 meeting, Board of Trustees

**REPORT ON UNIVERSITY DEVELOPMENT (contd)**

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Murray Grey Beef Fund

(Beef cattle option at ATI and scholarships)

\$ 15,000.00

Change in Name and Description of Named Fund

From: The Bea Cleveland College of Home Economics and Ohio 4-H Support Fund

To: The Bea Cleveland College of Human Ecology and Ohio 4-H Support Fund

Change in Description of Named Fund

Daniel Hughes Memorial Fund

December 4, 1992 meeting, Board of Trustees

## **REPORT ON UNIVERSITY DEVELOPMENT (contd)**

### THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

#### Establishment of Named Funds

##### The Jane Moss Lloyd Gynecologic Cancer Research Endowment Fund

The Jane Moss Lloyd Gynecologic Cancer Research Endowment Fund was established December 4, 1992, by the Board of Trustees of The Ohio State University, with a gift to The Ohio State University Development Fund from Mrs. Gladys Kirk Lloyd and Mr. Charles L. Lloyd, Jr., Dallas, Texas, in memory of Mrs. Jane Moss Lloyd.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to sponsor gynecologic cancer research as directed by the Chief of the Division of Gynecologic Oncology in The Arthur G. James Cancer Hospital and Research Institute as approved by the Director of The Arthur G. James Cancer Hospital and Research Institute and the Vice President for Health Services.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the Director of The Arthur G. James Cancer Hospital and Research Institute and the Vice President for Health Services in order to carry out the desire of the donors.

##### The Alice Lucile Russel Scholarship Fund

The Alice Lucile Russel Scholarship Fund was established December 4, 1992, by the Board of Trustees of The Ohio State University, with a gift to The Ohio State University Development Fund from the estate of Alice Lucile Russel (B.S.Bus.Adm. '27).

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to fund one or more undergraduate scholarships for the benefit of students pursuing studies in vocational agriculture and agricultural engineering. Award recipients shall be selected based on their previous academic achievement and financial need, with preference being given to students from Belmont or Champaign Counties in Ohio. Selection of the award recipients shall be made by the Dean of the College of Agriculture upon recommendations received from the chairpersons in the Departments of Agricultural Education and Agricultural Engineering and in consultation with the University Committee on Student Financial Aid.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

December 4, 1992 meeting, Board of Trustees

**REPORT ON UNIVERSITY DEVELOPMENT (contd)**

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Robert B. Bockstiegel and Viola V. Bockstiegel  
Memorial Scholarship Fund

The Robert B. Bockstiegel and Viola V. Bockstiegel Memorial Scholarship Fund was established December 4, 1992, by the Board of Trustees of The Ohio State University, with a gift to The Ohio State University Development Fund from the estate of Viola Bockstiegel.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

Ten percent (10%) of the annual income shall be reinvested in the fund's principal to assure future growth. The remaining ninety percent (90%) of the annual income shall be used to provide scholarships to students who have demonstrated superior academic ability as electrical engineering majors at The Ohio State University. Preference shall be given to students with proven financial need. Recipients shall be named annually, but may be eligible to compete for renewed awards. Selection of the award recipients shall be made by the Dean of the College of Engineering in consultation with the chairperson of the Department of Electrical Engineering and the University Committee on Student Financial Aid.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

The Dr. Paul C. Clayton International  
Agriculture Award

The Dr. Paul C. Clayton International Agriculture Award was established December 4, 1992, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from family, friends and colleagues in memory of Dr. Clayton (B.S., Poultry Science, 1949; M.S., Poultry Science, 1950; Ph.D., Poultry Science, 1954).

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to support domestic or international students who are studying, working, or conducting research in the United States or abroad. Awards may be made to undergraduate as well as graduate students. Selection of the award recipients shall be made by the director of international programs in agriculture and/or his/her designee. The Clayton family shall be advised of the award recipient(s) on an annual basis.

It is the desire of the donors that this fund should benefit the College of Agriculture and the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer and a representative of the Clayton family in order to carry out the desire of the donors.

December 4, 1992 meeting, Board of Trustees

**REPORT ON UNIVERSITY DEVELOPMENT (contd)**

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Murray Grey Beef Fund

The Murray Grey Beef Fund was established December 4, 1992, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from Mr. and Mrs. John C. Wozny of Coolville, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to benefit the beef cattle option within the Livestock Production and Management Technology at the Agricultural Technical Institute. At least \$500 or 10%, whichever is greater, of the annual income shall be used for scholarships to second-year students with high academic achievement.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donors, and in agreement with the initial donors or the initial donors' designated heirs.

Change in Name and Description of Named Fund

The Bea Cleveland College of Human Ecology  
and Ohio 4-H Support Fund

The Bea Cleveland College of Home Economics and Ohio 4-H Support Fund was established December 6, 1985, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Beatrice J. Cleveland (B.S.H.E. '42), of Columbus, Ohio. The name of the fund and description were revised December 4, 1992.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

One-half of the annual income shall go to the College of Human Ecology Programs Fund for use as prescribed by that fund. One-half of the annual income shall be used for Ohio 4-H advisor training as determined by the Ohio State 4-H faculty.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the Dean of the College of Human Ecology and the Assistant Director of 4-H in order to carry out the desire of the donor.

December 4, 1992 meeting, Board of Trustees

**REPORT ON UNIVERSITY DEVELOPMENT (contd)**

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Change of Description of Named Fund

Daniel Hughes Memorial Fund

The Daniel Hughes Memorial Fund was established March 7, 1986, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Violeta Hughes (M.A., Education, 1979) of Columbus, Ohio, and friends in memory of her husband, Daniel Hughes, Ph.D., Professor of Anthropology. The fund was revised December 4, 1992.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to help support graduate and undergraduate student travel to present professional papers/posters at international, national, or regional meetings. Students are eligible for support once per year and preference shall be given to those who have not previously been awarded funding. The selection of recipients shall be made by the Graduate Studies Committee of the Department of Anthropology in consultation with the chairperson of that Department.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donors.

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**ESTABLISHMENT OF NAMED CHAIR**

Resolution No. 93-

62

Synopsis: The Investments Committee recommended the approval of the establishment of a named chair.

The Dorothy M. Davis Chair in Cancer Research

WHEREAS in accordance with the guidelines previously established by the Board, The Dorothy M. Davis Chair in Cancer Research Fund was established May 8, 1987, through funds received by the University from The Ohio State University Foundation which established an endowed fund with gifts from Dorothy M. Davis; and

WHEREAS the funding has now reached the level required:

NOW THEREFORE

**ESTABLISHMENT OF NAMED CHAIR (contd)**

The Dorothy M. Davis Chair in Cancer Research (contd)

BE IT RESOLVED, That the annual income from The Dorothy M. Davis Chair in Cancer Research shall be used to support the cancer research activities of the holder of The Dorothy M. Davis Chair in Cancer Research. The individual appointed to this chair should have a record of significant achievements in the field of cancer research. Appointment to the chair will be recommended by the Dean of the College of Medicine to the Provost and approved by The Ohio State University Board of Trustees.

Upon motion of Amb. Wolf, seconded by Mr. Shumate, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**ESTABLISHMENT OF NAMED PROFESSORSHIPS**

Resolution No. 93-63

Synopsis: The Investments Committee recommended the approval of the establishment of two named professorships.

The E. F. Wildermuth Foundation Professorship in Optometry

WHEREAS in accordance with the guidelines previously established by the Board, "The E. F. Wildermuth Foundation Professorship Fund in Optometry" was established on February 3, 1989, with an initial gift of \$50,000 and a five-year pledge and agreement with The Ohio State University Development Fund from the E. F. Wildermuth Foundation of Columbus, Ohio; and

WHEREAS all gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates; and

WHEREAS The Ohio State University Development Fund has received from the E. F. Wildermuth Foundation a total of \$250,000 as pledged and the University has transferred \$250,000 from the existing E. F. and Kathryn M. Wildermuth Memorial Endowment - Optometry Fund to bring "The E. F. Wildermuth Foundation Professorship Fund in Optometry" up to \$500,000:

NOW THEREFORE

BE IT RESOLVED, That "The E. F. Wildermuth Foundation Professorship Fund in Optometry" be changed to "The E. F. Wildermuth Foundation Professorship in Optometry". A minimum of ten percent (10%) of the annual income shall be returned to principal each year in perpetuity. The remaining ninety percent (90%) of the annual income shall be used to provide compensation and/or program support for truly distinguished scholars in Optometry. Appointment of the Professorship shall be recommended by the Dean of the College of Optometry, after consultation with the appropriate academic selection committees. Final approval shall be made by the Provost, the President, and the Board of Trustees.

December 4, 1992 meeting, Board of Trustees

**ESTABLISHMENT OF NAMED PROFESSORSHIPS (contd)**

The Glenn A. Fry Professorship in Optometry

WHEREAS in accordance with the guidelines previously established by the Board, "The Glenn A. Fry Professorship Endowment Fund" was established May 5, 1983, with gifts from friends and alumni of the College of Optometry in honor of Dr. Glenn A. Fry, Professor Emeritus, 1979; and

WHEREAS all gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates; and

WHEREAS at the time of the establishment of the endowed fund, it was agreed that the fund be redesignated "The Glenn A. Fry Professorship in Optometry" when the level of funding reached \$250,000; and

WHEREAS the funding has now reached the level required:

NOW THEREFORE

BE IT RESOLVED, That "The Glenn A. Fry Professorship Endowment Fund" be changed to "The Glenn A. Fry Professorship in Optometry" to support a professorship in physiological optics within the College of Optometry. Nominees for appointment to this professorship are to be made by the Dean of the College of Optometry with the approval of the Senior Vice President for Academic Affairs and Provost and The Ohio State University Board of Trustees.

Upon motion of Amb. Wolf, seconded by Mr. Celeste, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**ACADEMIC AFFAIRS COMMITTEE REPORT**

Mr. Kessler:

The Academic Affairs Committee received a very interesting report this morning from Associate Provost Nancy Rudd on The Ohio State University Managing For the Future Task Force and you will hear more from us on this matter in future meetings. The Committee is also recommending the following resolutions:

**MISSION AND VISION STATEMENT FOR THE UNIVERSITY**

Resolution No. 93-64

Synopsis: Adoption of a mission and vision statement for the university is proposed.

WHEREAS The Ohio State University has established a need to articulate a long-range academic plan for the university; and

WHEREAS the academic plan must be guided by an understanding of the mission of the university; and

December 4, 1992 meeting, Board of Trustees

**MISSION AND VISION STATEMENT FOR THE UNIVERSITY (contd)**

WHEREAS a mission and vision statement has been developed in consultation with all members of the university family:

NOW THEREFORE

BE IT RESOLVED, That the university will adopt the following statement of mission and vision:

The Ohio State University has as its mission the attainment of international distinction in education, scholarship and public service. As the state's leading comprehensive teaching and research university, Ohio State combines a responsibility for the advancement and dissemination of knowledge with a land-grant heritage of public service. It offers an extensive range of academic programs in the liberal arts, the sciences and the professions.

Ohio State provides accessible, high-quality undergraduate and graduate education for qualified students who are able to benefit from a scholarly environment in which research inspires and informs teaching.

At Ohio State, we celebrate and learn from our diversity and we value individual differences. Academic freedom is defended within an environment of civility, tolerance, and mutual respect.

The Ohio State University is a community of scholars of which:

- Teaching and research are recognized as part of the same process: learning.
- Academic units and curricula are structured to foster learning and nurture creativity.
- Administrative services, facilities, and technology enrich the academic experience.
- Academic programs and research opportunities are extensive and excellent, but not exhaustive.
- Human resources complement our promise: High-ability students, faculty, and staff from diverse backgrounds participate in leading programs and enrich an environment that sustains learning and growth.
- Ideas, inventions, and creative work are made accessible to practitioners throughout the state of Ohio and the world in keeping with our land-grant mission.

BE IT FURTHER RESOLVED, That the university will review its declared statement of mission and vision on a decennial basis.

Upon motion of Mr. Kessler, seconded by Mr. Celeste, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**PERSONNEL ACTIONS**

Resolution No. 93-65

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the November 6, 1992 meeting of the Board, including the following Appointments, Appointment of Chairperson, Leave of Absence Without Salary, Leave of Absence Without Salary--Continuation, and Promotion, as detailed in the University Budget be approved.

Appointments

Name: MARILYNN B. BREWER  
Title: Professor (The Ohio Eminent Scholar in Social Psychology)  
Department: Psychology  
Effective: July 1, 1993  
Salary: \$120,000.00  
Present Position: Professor, Department of Psychology, and Director, Institute for Social Science Research, University of California, Los Angeles

Name: JESSIE L. AU  
Title: Professor (The Dorothy M. Davis Chair in Cancer Research)  
Colleges: Pharmacy and Medicine Administration  
Effective: December 1, 1992  
Salary: \$95,400.00  
Present Position: Professor, Colleges of Pharmacy and Medicine Administration

Name: THOMAS J. BURNS  
Title: Professor (The Deloitte & Touche Accounting Professorship Fund)  
College/Department: Business/Department of Accounting and Management Information Systems  
Term: November 1, 1992 - October 31, 1993  
Salary: N/A  
Present Position: Professor, Department of Accounting and Management Information Systems

Appointment of Chairpersons

August 11, 1992 through September 30, 1993

Finance

Stephen A. Buser\*

November 1, 1992 through June 30, 1993

Medical Microbiology and Immunology

Caroline C. Whitacre\*

\*Acting

Leave of Absence Without Salary

JOSEPH R. DRAGO, Professor, College of Medicine-Administration and Department of Surgery, effective November 1, 1992, through June 30, 1993.

December 4, 1992 meeting, Board of Trustees

### **PERSONNEL ACTIONS (contd)**

#### Leave of Absence Without Salary--Continuation

JOAN F. FITZGERALD, Assistant Professor, Department of City and Regional Planning, effective Autumn Quarter 1992, Winter Quarter and Spring Quarter 1993, to conduct research on the economic development impact of new technical preparation programs in the state of Illinois.

#### Promotion and Tenure

#### PROMOTION TO FULL PROFESSOR

Jessie L. Au, Pharmacy and Medicine Administration, effective October 1, 1992

Upon motion of Mr. Kessler, seconded by Mr. Celeste, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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### **RESOLUTION IN MEMORIAM**

Resolution No. 93-66

Synopsis: The Academic Affairs Committee recommended the approval of a Resolution in Memoriam for Glenn H. Goodman.

RESOLVED, That the Board adopt the following Resolution in Memoriam and that the President be requested to convey a copy to the family of the deceased.

Glenn H. Goodman

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on September 6, 1992 of Glenn H. Goodman, Assistant Professor Emeritus in the Department of Germanic Languages and Literatures.

Glenn H. Goodman was born in 1911, in Middletown, Ohio, and received his early education there. He received his B.A. from Miami University in 1936 after having also spent a year as an exchange student at Heidelberg University in Germany. After receiving the M.A. from the University of Illinois in 1938, he returned to Germany -- this time to the University of Berlin -- to work on a Ph.D. His study was interrupted by World War II and, unable to return to the U.S., he spent part of the war in German internment camps. In 1945 he served briefly as an interpreter for the French occupation forces, and then until 1947 he worked for the U.S. Military Government in Frankfurt. There he headed a depot which collected libraries and archival materials that had been looted by the Nazis and sought to determine rightful owners and return the holdings to them.

In 1947 he returned to the United States and joined the faculty of the Department of Germanic Languages and Literatures as an Instructor. In 1964 he was promoted to Assistant Professor. He retired in 1978 after having served Ohio State for 31 years.

He taught language courses almost exclusively; and particularly in the early years of his tenure he was instrumental in developing new programs in the Department and new approaches to foreign language study. He helped to arrange one of the very first on-going study abroad opportunities for OSU undergraduates and worked to remove barriers to cultural exchanges wherever he could. He remained a popular instructor with lower-division students of German and with graduate students from other disciplines who learned to use German as a research tool from him.

December 4, 1992 meeting, Board of Trustees

### **RESOLUTIONS IN MEMORIAM (contd)**

Glenn H. Goodman (contd)

His special interests included communication with students and student relations. He was an honorary member of several student honorary associations: Symphonia (national music honorary), Sphinx, Romophos, Phi Eta Sigma, and he was also an honorary member of the interracial fraternities Beta Sigma Tau and Pi Lambda Phi.

He also became known all over Ohio through his early radio broadcasts, which began in 1948 and ran for nearly a decade and a half. He produced two opera commentaries each week for WOSU-Radio, a daily German language program for the radio, and from 1957-61 a half-hour TV program called "Die Deutsche Stunde," which appeared twice weekly on WOSU-TV, Channel 34. For the last, he received the first award given by the National TV Institute for best instructional show.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in their loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Upon motion of Mr. Kessler, seconded by Mr. Shumate, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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### **FISCAL AFFAIRS COMMITTEE MEETING**

Mr. Shumate:

I'd like first to make two notes regarding our meeting agenda. First, we had requested a report on the Restructuring and Realignment in the Office of Human Resources by Linda Tom. Because of the lengthy agenda, we have asked Linda to make that report at our next meeting, so that we will have time to properly hear the report and ask any questions. Secondly, there was an excellent meeting yesterday of the Planning Committee of this Board and notebooks have been prepared for all Board members. At that meeting we discussed in detail the mission and vision statement for the University, and received an outstanding presentation from Dr. Ed Ray. The Committee really appreciates the hard work and efforts that he provided in leading us through this process. We'll be hearing more about this later.

Mr. Shumate:

Thank you very much, Dr. Ray.

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### **REPORT ON THE IMPACT OF BUDGET REDUCTIONS**

Mr. Shumate:

Mr. Chairman, we have a number of very important items and I would like to call upon Mr. Shkurti to report on the impact of the budget reductions.

**REPORT ON THE IMPACT OF BUDGET REDUCTIONS (contd)**

Mr. Shkurti:

Thank you, Mr. Chairman. When the Board adopted the budget in July, you asked for a detailed accounting of the impact of the budget reductions once they had worked their way through the system. What will be presented to you today is the response to that request. I've asked Janet Achterman, the University Controller, to provide this report to you because she and her staff are the people who put the report together and also work day to day with the colleges and other units on financial matters. I feel they are the people who can best relay to you what the reductions have meant to the people on the firing line at the University.

Ms. Janet Achterman:

Thank you, Mr. Shkurti. You should have a gray bound document in front of you entitled, "Impact of the Budget Reductions." For those of you on the Fiscal Affairs Committee, as well as those who attended the Board meeting last month, both Mr. Shkurti and I gave a presentation on the bottom line of the financial impact on the over \$78 million in state budget cuts in the past several years. The purpose of the presentation today is really to go beyond the bottom line and the financial impact of the budget cuts over the past several years, and to understand and begin to plan to deal with some of the less visible, but still very real impacts.

As Mr. Shkurti suggested, we distributed a detailed survey to all deans and vice presidents across campus and asked them a series of questions regarding the impact of the budget reductions on: personnel, instructional programs, affirmative action initiatives, recruitment and retention of faculty and staff, academic and administrative support, the climate of the institution, and the physical environment. The surveys were sent out jointly from the Offices of Finance and Academic Affairs in November 1992. Specifically, we asked questions about some quantitative issues relating to staffing and programs -- in terms of the number of staff reductions as well as the impact on programs. We also asked for a qualitative assessment of the impact of the budget reductions. The responses that I will be reporting to you this morning reflect the accumulative effect of the success of the budget reductions over the past several years.

The first category we will be talking about is personnel. You will notice that the bottom line of over 1,200 full-time equivalents as the estimated decrease in the series of budget reductions over the past several years. This includes both filled and vacant positions. The staff numbers include both Civil Service and Administrative and Professional and it also includes the 130 individuals that were laid off from their original positions with the University. The student number of 539, includes 246 graduate students and 293 undergraduate student positions as well.

In terms of impact on the instructional programs, deans reported that there were approximately 245 courses either delayed or eliminated. Now a delayed course can mean several different things. The implementation of a new course or series of courses may have been delayed or courses may be taught less frequently. Whereas now they might be taught every quarter, the budget reductions have caused them to be taught either every other quarter or perhaps even just once a year.

**REPORT ON THE IMPACT OF BUDGET REDUCTIONS (contd)**

Ms. Achterman: (contd)

Forty-seven programs in total have been downsized and a total of 15 programs eliminated. The common theme in the instructional programs that is talked about again and again in response to the survey was the fact that we have increased class sizes. In increasing class sizes there has been a declining faculty/student ratio, fewer graduate teaching associates, less time for advising students by the faculty, a potential reduction in quality and therefore leading to lack of stability in course offerings. Some colleges have even indicated that majors had been closed out or were not able to take courses in the proper sequence as a result of some of the instructional programmatic cuts.

On pages 5a and 5b of the report, you'll see a list by college of some of the more significant budget cuts. They are obviously less visible than what we read about on the front page of the Columbus Dispatch in terms of losing the emergency medical service or the reduction in the campus bus system, but they are still very real. Some of the ones that I have highlighted are: in the College of Business, the Insurance Library closed; in the Graduate School, the recruitment grants program has been eliminated; in the College of Human Ecology, the hotel/hospitality management program has been downsized; in the Library, open hours in seven of the largest libraries have been reduced and 43 public-access terminals for the library information system have been eliminated; in the College of Social Work, the elimination of their microcomputer laboratory; and on the extended campuses, funds for faculty research support have been eliminated.

Overall the comments included the fact that a lot of colleges and offices have eliminated maintenance on their PC's and other equipment, and they have had no departmental support for research and research initiatives. Some colleges discussed the fact that their morale among graduate students is low, and the graduate students fear that there will be no continued funding for their programs and therefore they will not be able to continue their field of study. Faculty also reported that funds for travel, faculty start-up, and the like were nearly gone.

The next subject area that I want to talk about is the impact on Affirmative Action initiatives. Fewer positions available on campus result in fewer opportunities for affirmative action recruitment. There is also some increasing uncertainty that the positions themselves will remain funded over the long-term. There are limited or no recruitment funds available for Affirmative Action initiatives and through the Office of Human Resources, the Affirmative Action Awards Program has been downsized and Affirmative Action Grants have been eliminated. I would like to quote from the College of Humanities' report, "The budget cuts. . . have made it virtually impossible to act on targets of opportunity [for affirmative action] as they have come along."

The next category that I would like to talk about very briefly is recruitment and retention. Again, with fewer faculty positions available it is difficult to recruit strong faculty members and often times candidates who had been recruited were concerned about Ohio State's future. We are able to provide even less time for research for junior faculty who are striving for tenure, and therefore there is less incentive for faculty to stay as other institutions are beginning to seek out some of our prominent faculty.

**REPORT ON THE IMPACT OF BUDGET REDUCTIONS (contd)**

Ms. Achterman: (contd)

I would like to quote from two separate reports: from the College of Veterinary Medicine, "[Lack of research time] is devastating to the junior faculty member who is working towards promotion and tenure." From the College of Engineering, "Thus, our faculty are working with more demands, fewer rewards, and in a dingy, dirty, and high-pressure environment. I doubt if the most mobile and highly-sought of them will remain here long under these conditions."

The next category is support and climate -- this is administrative and academic support. Most of the vice presidents, as well as administrative offices were reporting that their staff were burdened with the same amount of work, but fewer people to get this same work done. Many were concerned about deteriorating customer service, the length of lines, and less effective operations with the reduced staffing and operating support. And as a result of that, often times we have seen more decentralization of functions, as well as fiscal responsibility. As centrally provided services are growing tighter, more of the burden of providing those functions have been placed on the departments. Continuing in that same vein, there is a lot of uncertainty, anxiety, and stress and low morale among the faculty and staff. Units and individuals are often turning inward with less collaborative efforts outside of their departments. Overall, people are concerned that the reputation of the Institution could be in jeopardy.

I would like to quote from two other reports: from the College of Agriculture, "Reduced motivation and low morale is the most devastating impact of the budget cuts." From the College of Mathematical and Physical Sciences, "Low morale is quite pervasive in the College. The explanation goes beyond the simple economic consequence of no raises and no equity/excellence funds. Widespread talk of program elimination and consolidations, mandatory workload policies, post-tenure review, and further retrenchment has created an environment of apprehension and bleakness, especially in those departments which, even in better times, felt themselves to be under funded and unappreciated."

You will see on the next page some of the highlights of the reports back from the vice presidential areas on the impact of the budget reductions on academic support functions. I would like to highlight just a few. From the Business and Administration report there were comments regarding offices cleaned only weekly and slower response to maintenance problems. In the area of Communication, you see that the OSU Quest and On Campus have been reduced in number, size, and frequency, which means less external communication to our constituent groups. In the Office of Finance we are experiencing increased processing time of invoices which leads to increased complaints from vendors and departments. In the Office of Human Resources, the Affirmative Action directives and activities for the entire University have been delayed and planning and execution of University diversity programs have been delayed. In the Office of Research, many services provided by OSURF to faculty have been eliminated or reduced -- that was stated many times in the deans' reports as well. In the Office of Student Affairs, reduced funding to student organizations, decline in student tutor services, extremely high student/provider ratio for counseling services, and increased waiting for meal services from 5 minutes or less to 15 minutes or more for students in the Residence Halls dining facilities.

**REPORT ON THE IMPACT OF BUDGET REDUCTIONS (contd)**

Ms. Achterman: (contd)

The next category is physical environment and overall the comments relate to the fact that buildings are in disrepair and we have a deteriorating physical plant. Now as you know, this does not come about only because of the recent budget cuts, but is merely exacerbated by the recent budget. There have been reports of laboratories and instructional facilities in very poor condition, with limited daily maintenance in classrooms, offices, as well as public spaces. And there has been poor or no equipment maintenance and replacements so people are struggling with unworkable and outdated equipment.

I would like to read two quotes. From the College of Engineering, "While the custodial condition of classrooms, laboratories and offices has always been poor, it has recently become worse. Not only have we received complaints from students, but also federal and industrial contract monitors who fund our research programs describe our facilities as the worst maintained in their experience!" From the Office of Physical Facilities in Business and Administration, "We have been unable to hire adequate numbers of student employees or replace vacant positions which have had an adverse impact on the quality and quantity of tasks performed. Trash containers are not emptied as regularly, individual offices are only serviced weekly, and cleaning of public spaces, indoor and out, is not as frequent. The campus is simply not as clean or well kept."

Where do we go from here? What are our future directions? You heard the President speak earlier this morning about our long-range academic planning, obviously that needs to continue. We need to respond to the institutional Managing For the Future Task Force Report, as well as to the state-wide Managing For the Future Task Force Report. We need to convince the state to reestablish higher education as a priority. Above all, we need to continue to protect the academic core of the institution.

Again, as a part of our long-range planning, there are things that we need to begin now. We need to encourage faculty, staff, and students to take risks and be innovative in trying to deal with some of the problems that we are facing as a result of reduced resources. We need to investigate cost-effective changes for campus-wide support services either through consolidation of those services, decentralization, or potential elimination. Some of those suggestions were put forward in both Managing For the Future Task Force Reports. We also need to create University-wide incentives for cost-reducing changes. We need to do that in order to avoid human tendency to hunker down in bad times until these blow over.

Finally, out of those long-range academic and strategic plans we need to set priorities for 1994. We need to set priorities for the budget reallocation and more than likely we are going to be looking at continued differential reallocation as we begin to address our priorities. We also need to commit permanent funds to continue to address the closed courses problem.

In summary, I would like to say that the purpose of today's presentation was for all of us at the institutional and Board level to gain an appreciation perspective on the less visible impact of these budget cuts. We believe that we have done everything possible to protect the academic core, as well as to protect the students, but the burden has fallen squarely on the shoulders of the faculty and staff. In spite of everything this is still a great institution, one we are very proud to be a part of -- classes are still being held, faculty are still teaching, and research is still being done. But the strain on the

December 4, 1992 meeting, Board of Trustees

### **REPORT ON THE IMPACT OF BUDGET REDUCTIONS (contd)**

Ms. Achterman: (contd)

system and its resources -- its human resources, its fiscal resources, and its physical resources -- is taking its toll. Additional reductions will only make the problems worse.

Again, both our long-term and short-term strategy must include ways to alleviate the pressure while recognizing our limited financial flexibility. The last slide shows basically the magnitude of the budget cuts that we have experienced over the past two years. This concludes my report. I would be happy to answer any questions you might have.

Mr. Shumate:

Thank you, Ms. Achterman, for your report. Are there any questions?

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### **REPORT ON THE STATUS OF MAJOR CAPITAL IMPROVEMENT PROJECTS**

Mr. Shumate:

The next item on the agenda was to be the report on the University Bonded Debt and we will receive that report at the next meeting of the Fiscal Affairs Committee. We will now receive a report on the status of major capital improvement projects. This report is in response to specific requests from a number of Board members -- an overview of the major capital improvement projects that we have, as well as a detailed discussion on how we are monitoring and tracking these projects. I will call upon Ms. Pichette to lead us in this presentation.

Ms. Pichette:

I would like to thank you, Mr. Chairman, for allowing us to bring this report to you. This is a result of many requests that I have received since my arrival at Ohio State last April, as to the status of all the major capital improvement projects being undertaken throughout the University. Many times I hear that you have voted on different projects and have wondered, "Where are they?" and "What is happening now?"

To bring you up-to-date on the progress of the projects of over \$1 million or more, we sent out this report, which all of you should have, along with a cover memo from myself and Jill Morelli. This report has project data sheets on every project -- whether it is emerging, design, construction, or completed -- that are over \$1 million. If you are interested in any of the projects under \$1 million, we also have those available. This is our first effort to provide this type of summary documentation on what for last year was over 170 projects. We welcome any suggestions for improvement on this process.

This morning we would like to highlight for you several of the projects noted in the report. First I need to emphasize that the Architect's Office is one of many players in the successful completion of these projects. Campus Planning and Physical Facilities both have critical roles in bringing these to successful completion. To make this presentation I would like to introduce Jill Morelli, the new University Architect. We are fortunate to have a person of her ability and enthusiasm. She was not daunted by the

December 4, 1992 meeting, Board of Trustees

**REPORT ON THE STATUS OF MAJOR CAPITAL  
IMPROVEMENT PROJECTS (contd)**

Ms. Pichette: (contd)

challenge of being asked to do this with only being here two months. Jill and her staff have done yeoman's work to bring this to you today.

Ms. Jill Morelli:

Thank you, Janet. We in the University Architect's Office appreciate this opportunity to talk to you about the variety of projects that we deal with and the milestones of direct involvement. Should you approve, we hope to make this an annual event. Of course, this presentation would not have been possible without the help of numerous staff members in the office, some of which are here today. I personally wish to thank Julie Karovics, Jean Frey, Jae Kauh, and Patty Berger for their assistance in putting this together.

In 1992 the University Architect's Office was involved with 174 publicly advertised projects, which totalled over \$400 million. The color code used -- green represents emerging projects; blue represents projects in design; red represents projects under construction; and yellow represents projects completed -- will be consistent throughout this presentation and also in the report that you have received. Projects which have had the Office's involvement in 1992 encompass those denoted by the color coding on this slide of the Columbus Campus.

Today we have selected a few projects which illustrate the variety of types, location, and complexity of projects our Office handles. Should you desire specific information on a project, I refer you to the annual report. This report contains project data sheets on all publicly advertised projects over \$1 million. If you desire specific information on projects less than \$1 million, we will arrange for you to receive those project data sheets. After the presentation, should you desire, we can review the project data sheets and the information they contain or feel free to contact me at the office.

Today we will be looking at representative projects within each of the four categories: emerging projects, projects in design, projects under construction, and completed projects in 1992. We could easily spend 10 to 20 minutes or even more on each of these projects, but due to time constraints this presentation can only be a cursory review.

Emerging Projects are projects that are in the conceptual or planning stage. The involvement of the University Architect's Office at this stage is one of support for the Office of Campus Planning, headed by Assistant Vice President David Marsh under the auspices of Vice President Bill Shkurti. At this time the Board is often asked to approve proceeding with feasibility studies for major projects. Such was the case in February of this year for the College of Business Facilities and the Student Affairs Facilities Complex. Although there are many emerging projects, today we will focus on two: the College of Business Complex and the Student Affairs Facilities Complex.

Presently, the University is proceeding with preliminary planning for the College of Business Facilities, denoted by the green code up in the upper part of this screen. Issues such as the site, funding, program, parking, and phasing are being addressed. A site, north of Woodruff and east of St. John Arena, is being investigated. As this project is the next item on your agenda this morning, I will not discuss it but leave that task to others.

**REPORT ON THE STATUS OF MAJOR CAPITAL  
IMPROVEMENT PROJECTS (contd)**

Ms. Morelli: (contd)

The Student Affairs Facilities Complex is in an earlier stage of planning than the College of Business. Presently, the University is investigating possible sites and their resultant impact on user access, parking, utilities, etc. Initially, seven sites were deemed to have some merit denoted by the green circles that you see on this map. Two sites seem to warrant a more in-depth study before a recommendation is made by the advisory committee. These two sites include the existing site on High Street and the Cunz Hall site adjacent to the intramural fields.

With Board approval, an associate architect or engineer is hired for site specific analysis and design. We will focus on four projects presently in design: Campbell Hall Addition, Doan Hall, Equine Center, and Wiseman Hall. The Campbell Hall Addition will add a 25,000 square addition to an existing building located on Neil Avenue. The addition will include offices, classrooms, and a costume and textile gallery. This project was funded primarily by a donation to the University by the Schottenstein family and the total cost of the project is \$3.3 million.

The Doan Hall Surgical Intensive Care Unit is a four-floor addition on top of an existing two-story Medical Logistical Facility, which was constructed in 1990. This addition will house Surgical Intensive Care expansion, which will require the renovation of approximately 12,000 square feet of existing Doan Hall space. In addition, this will be the future home of Occupational and Physical Therapy, Endoscopy, and tissue culture labs. Presently the construction documents have been completed by the associate architect and are being reviewed by the University. Bids will be received in February 1993, with completion projected for fall 1994. The total estimated cost of this project is \$12 million.

The Equine Center will be an addition to the west side of the existing Veterinary Hospital and will house horses used in the College's academic programs, in addition to privately owned patient horses. A trauma surgical unit with facilities for intensive care are major components of this facility. In addition to state and local funding of this project, the Galbreath family has made a generous donation. Total estimated project cost is \$6.5 million, with an estimated completion date of mid-1994.

The Wiseman Hall Medical Research Facility is a five-story, clinical research facility connected to the existing Wiseman Hall. Four of the floors will contain laboratories and support facilities, two floors are presently designated to be shells for future use, and all space has been assigned to the College of Medicine. Bids will be opened on December 8 for this project and should this project be the beneficiary of our excellent bidding climate, infill of one or both of the shelled floors is possible within the total estimated project of \$11 million. Construction should begin in the first quarter of 1993, and be completed in the spring 1994.

After bids are received and analyzed by the University, contracts are issued, signed, and a report is brought to the Board on the bids and contract costs. These become the projects under construction. We have over 38 projects in some phase of construction at this moment, but will focus on the Brown Hall Annex, Dreese Laboratory, the Law Building, Neuropsychiatric Facility, Newark Regional Campus Grounds Improvement, and Sullivant Hall Renovation.

**REPORT ON THE STATUS OF MAJOR CAPITAL  
IMPROVEMENT PROJECTS (contd)**

Ms. Morelli: (contd)

The Brown Hall Annex Replacement is three buildings done as one project, which will house three user groups -- the Science Engineering Library, which consolidates five existing libraries; the Math Tower, a 7-story structure built to house the Department of Mathematics' offices; and the new classroom building which features two lectures halls and four computer classrooms. If you will notice on this slide, the rendering by the architect and the subsequent photograph taken from the same vantage point are strikingly similar. World renowned architect Philip Johnson is the design consultant for this \$23 million project. Classrooms will open January 4, while the offices will be occupied later in the year.

The Dreese Laboratory Addition provides numerous specialized classrooms, labs, a large computer room, a clean room, high-voltage lab, and several conference and seminar rooms. This project is presently being worked on outside of our office windows, offering our entire staff and visitors a unique vantage point for field observation. The estimated completion date is March 1994, with a total project cost of \$20.5 million.

The Law Building Addition and Renovation is a Gunnar Birkerts designed addition which doubles the size of the current building and renovates the existing spaces. In this slide High Street is horizontal at the top of the screen and the featured prow reaches towards the central part of the campus to include the College of Law as an integral part of the campus community. The new expanded library facility and administrative faculty offices compliment the remodeled facilities for student organizations, a legal clinic, renovated law library, an auditorium, and classrooms. Funding sources for the project included state appropriations, local University funds, a Kellogg Foundation grant, and over \$7 million raised by the College of Law. Phased occupancy began in August 1992, with the occupancy of the renovated classrooms, and is expected to be completed in January 1993, with the completion of the Library, renovation of the existing Library, and remodeling of the offices.

The Neuropsychiatric Facility is scheduled for occupancy in fall 1993. This five-story, 111,000 square foot hospital will house 84 children, adolescence, and adult in-patients when completed. It will both replace and enhance activities currently performed in Upham Hall to which it is attached by a corridor and the total project cost is \$15 million.

The University Architect's Office also coordinates the projects at the Regional Campuses. For example, the grounds improvement project in Newark. In addition to the loop road, a small lake and amphitheater were constructed and sidewalks improved. This partially donor-funded project cost \$1.4 million and will be completed in February 1993.

Sullivant Hall is an older facility with numerous, historical features worthy of preservation. This project created space for the Undergraduate Library and expands the space for the Department of Dance, including the renovation of the theatre. Sullivant Hall was a particularly difficult project due to renovation continuing while the using agencies occupied the facility. As with all projects, requirements of the American's With Disabilities Act are being incorporated. Completion is set for March 1993.

**REPORT ON THE STATUS OF MAJOR CAPITAL  
IMPROVEMENT PROJECTS (contd)**

Ms. Morelli: (contd)

Ultimately the project is completed and occupied by the using agency, at this time the University Architect's Office coordinates the warranty work and project closeout with Physical Facilities to provide a smooth transition. Numerous projects were completed in 1992, including the Dental Instructional Lab improvements, Exterior Campus Lighting, Honors House, Oxley Hall, Agricultural Research Center, Biotechnology Center, and the University Airport Renovation.

The Dental Instructional Lab Improvements was phase one of a two-phase project that renovated the existing Clinic Facilities on the first and second floors of Postle Hall. Nearly 23,000 square feet of lab space was remodeled and newly equipped to provide a relaxing enhanced environment for clinical instruction.

The Exterior Campus Lighting is an ongoing project coordinated by Physical Facilities with the administrative aspects of the project handled by our office. The project doubled the recommended foot candles for outdoor spaces in response to the need for greater amounts of illumination on campus. The light poles have preconstructed foundations for quick installation and the pole and the light are designed to have a historical look while incorporating the most current lighting technology.

Honors House was a major renovation of the former home of the Presidents of the University. New mechanical systems were installed and all floors are now accessible to the physically handicapped, in addition there was cosmetic refurbishing of the interiors. This project was completed in July 1992.

Oxley Hall was in a state of severe decay before renovation. This distinctive building was the first dormitory on campus for women and was the first, and I personally hope not the last, designed by a woman architect. Mechanical systems and windows were replaced, and interiors were refurbished as well. This facility is presently occupied by the Office of International Affairs and was completed in January 1992.

Another project off the Columbus Campus is the Piketon Agricultural Research and Extension Center. This project included the construction of buildings which house a greenhouse, aquaculture unit, and the farm operation shop. In addition, the project included the construction of numerous fish ponds and a reservoir. This project was completed last month.

The Biotechnology Center Addition was the second phase of a three-phase project to establish a major biotechnology center at Ohio State. The work includes a complete renovation of the ground and first floor to establish the Center's molecular neurobiology and macro molecular structure programs. Included in the 62,000 square foot renovation was an environmentally controlled lab. The third phase is presently under construction.

The University Airport received a new overlay and grooving of the main runways, and surface sensors for weather monitoring. New overlay was also installed on taxiways E and A. In addition, this facility was constructed to house snow removal equipment, as required by the FAA, and the Airport's maintenance shop.

December 4, 1992 meeting, Board of Trustees

**REPORT ON THE STATUS OF MAJOR CAPITAL  
IMPROVEMENT PROJECTS (contd)**

Ms. Morelli: (contd)

In addition to the projects that we have accomplished this year and that we've shown you today, there are numerous, smaller, publicly advertised projects and projects that are designed internally, contracted, and administered by the University Architect's Office. These are usually smaller in dollars, but constitute a significant portion of the administrative and project management workload.

From the smallest chiller replacement project to the largest signature building, each project gets the attention necessary to make it a positive addition to Ohio State's environment for learning. It is the goal of the University Architect's Office to provide an environment that is conducive to learning so each student maximizes their potential. In addition, when each of us returns to campus the built environment becomes a symbol of that creative and stimulating atmosphere that we call The Ohio State University. Thank you very much for this opportunity. If there are any questions, I will be happy to answer them at this time or any other time.

Mr. Shkurti:

Thank you very much. Are there any questions? I have been on the Board for four years and this is the first time that I have received a comprehensive overview of the various projects. I appreciate the definitions that you have used to help us focus on the Board's responsibilities, as well as role in each of these steps. As we mentioned earlier, today was designed to primarily provide an informational foundation for the Board. At our next meeting of the Fiscal Affairs Committee there will certainly be more dialogue and interaction regarding any changes that the Board would have in either the reporting process or the process that is used by the department. Specially, I would ask the Board to look at the chart, located in the report, that shows the points of our inquiry as they presently exist and if there are any recommendations for change or suggestions, to give them to either Ms. Pichette or Ms. Morelli. Again, this is a first step and it has been in response to the request of the Board.

Ms. Pichette:

I would just encourage you to look at the project data sheets and if you don't understand them or you think there is something missing that you would like to see, please let us know because they are considered to be dynamic documents. As you get into the completed projects, obviously there is more information. So, please, we want your input.

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**REPORT ON THE COLLEGE OF BUSINESS**

Mr. Shkurti:

This is an extremely important project and one that is in the emerging stage, so we felt that it was very important that the Board be both familiar and comfortable with what is going on. What I would like to do today is very briefly give the Board a sense of what has gone on so far, what has come to the Board so far, and then what happens next.

**REPORT ON THE COLLEGE OF BUSINESS (contd)**

Mr. Shkurti: (contd)

I think the place to start is where this project was first reported to the Board in June 1991. Those of you who were here at the time may remember I tried to visualize the importance of the project in describing an experience I had when I was still teaching in the School of Public Policy -- where part of the ceiling came down, literally, during one of my lectures. I hope it had nothing to do with what I said, but I think it is not an uncommon occurrence for those who teach and work in Hagerty Hall to have those kinds of dysfunctional elements happen. At that time, the project was presented as part of the six-year capital plan that was reviewed by the Board and we indicated that it would be a project that would combine state and private funding and fundraising. We were looking at two sites: one was near the Ohio Union and the other was on north Campus, near Tuttle Avenue. We would then come back to the Board in six months, after we had done some preliminary work, and indicate what we were thinking of regarding the sites.

In November 1991 a briefing sheet was prepared indicating that we expected the project to cost between \$60 million and \$70 million in 1991 dollars. Hopefully, \$42 million of that would come from the state, but \$20 million would be raised by private funds. We also shared with the Board at that time our sense that the Woodruff and Tuttle site would be the more likely and the more preferable of the two sites. The reason that we felt the Ohio Union site was not as desirable was: 1) there are a lot of things under the ground at that site -- utility lines and so forth -- that we felt would complicate construction; and 2) if we use the Ohio Union site it would mean the University and the Board would be committed then to building a new Ohio Union, which would be a rather substantial expense. So we felt that when both the complications of the site and the potential cost were weighed against a relatively pristine site on the north campus that that was the more valuable site.

At that time we indicated the next event that the Board would be asked to deal with would be the hiring of architects for some preliminary plans, site studies, and conceptual design. That event occurred in February 1992 and you may remember at that time Mr. Nichols presented a resolution to the Board to hire the architect for phase one, which was the conceptual design. The conceptual design is now almost completed, so now we are getting ready for phase two. What we are proposing is not to decide this today, but to bring it to you for vote at the February Board meeting. The reason that Janet and I both felt it was important -- and the President supported us on this -- to bring this project forward at this particular meeting, was to let you know this project was coming to you for a major decision in February. We wanted to share with you the information we've had up to this point, and also to give you a chance to express to us any additional information you would like to have.

Let me also point out that a memorandum from Ms. Pichette and I, along with briefing material on the background of the building, was mailed to you on November 25. There will also be a second mailing to you hopefully within a week. Ms. Casto has ask me to prepare a list of questions that we feel should be addressed on every major building project that the University undertakes. We have prepared that and we will use the College of Business building as the first example to run through that system. So you will see what we think are the most important questions to ask about that project, what our responses are, and it will help you to determine what questions you may want to raise.

December 4, 1992 meeting, Board of Trustees

**REPORT ON THE COLLEGE OF BUSINESS (contd)**

Mr. Shkurti: (contd)

In addition, we have with us today Joe Alluto, Dean of the College of Business, who has been one of the driving forces behind the project. Also in attendance are staff from the Architect's Office and Campus Planning, and the key faculty person from the College of Business involved in this project. So if there are any questions you have at this time, or any questions you want to make sure are answered by the time this comes up for a vote at the February meeting, we will do our utmost to assist you in providing that information.

Mr. Shumate:

Are there any questions or additional comments?

Ms. Pichette:

I just want to clarify that the last page in the mailing to you was the draft resolution on the Employment of Architects and Engineers for this project, so you know what you will be voting on in February.

Mr. Shumate:

This information is provided, again, in response to Board requests. This allows the Board at least a month's time in between meetings to review, analyze, and engage in any dialogue with the appropriate staff on these issues. Since Dean Alluto is here we certainly want to provide him with an opportunity, if he would like, to make a comment.

Dean Joe Alutto:

Thank you. I really don't have anything to add -- I think that you have all the information. We have been very pleased with the way the project has progressed. We are at a critical stage at this point, and are looking forward to moving the project through to completion, but I would be happy to answer any questions.

Mr. Shumate:

Thank you. Any other items for discussion on the College of Business? If not, I am going to suggest that we move to the property, easement, and miscellaneous issues that require Board vote, and discuss the smaller capital projects at a subsequent meeting.

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**PURCHASE OF REAL PROPERTY**

Resolution No. 93-67

209-211 and 215 WEST TENTH AVENUE  
COLUMBUS, OHIO

Synopsis: Authorization to purchase improved real property at 209-211 and 215 West Tenth Avenue in Columbus, Ohio, is proposed.

December 4, 1992 meeting, Board of Trustees

**PURCHASE OF REAL PROPERTY (contd)**

209-211 and 215 WEST TENTH AVENUE  
COLUMBUS, OHIO (contd)

WHEREAS The Ohio State University has been presented with an opportunity to purchase the improved real property located at 209-211 and 215 West Tenth Avenue in Columbus, Ohio; and

WHEREAS this property has an appraised value of \$425,600.00 to \$430,000.00, and the owner, Ms. Mary Sanford Cobb Schirmer of Columbus, has offered to sell the property to the University at a price of \$425,000.00; and

WHEREAS this property is located within the South Campus acquisition boundary of the University's Master Plan and the appropriate University offices have determined that the purchase of this property is in the best interest of the University; and

WHEREAS funds for the purchase will be provided from general University funds:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to purchase, in the name of the State of Ohio for the use of The Ohio State University, the improved real property located at 209-211 and 215 West Tenth Avenue at a price not to exceed \$425,000.00, upon such terms and conditions as are deemed to be in the best interest of the University, subject to the University receiving the necessary approvals from the Ohio Board of Regents and the State Controlling Board.

Upon motion of Mr. Shumate, seconded by Mr. Celeste, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix XIV for background and map, page 419.)

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Ms. Pichette:

We are requesting authorization to sell a small unimproved lot on West Oakland Avenue. This property is located on the west side of the Olentangy River and is across the river from the Fawcett Center. I would note that this and several other small lots on the other side of the river were acquired by the University in the 1960s. They are totally isolated from the University property, and are not needed for University programs. This is the last remaining lot to be sold, except for two that are under water.

**SALE OF REAL PROPERTY**

Resolution No. 93-68

LOT #114, WEST OAKLAND AVENUE  
COLUMBUS, OHIO

Synopsis: Authorization to sell 0.0963 acre of unimproved real property in Columbus, Ohio, is proposed.

December 4, 1992 meeting, Board of Trustees

**SALE OF REAL PROPERTY (contd)**

LOT #114, WEST OAKLAND AVENUE  
COLUMBUS, OHIO (contd)

WHEREAS the Board of Trustees of The Ohio State University owns 0.0963 acre of unimproved real property, known as Lot 114, on West Oakland Avenue in Columbus, Ohio; and

WHEREAS the appraised value of this property is \$5,000.00, and Richard W. Foster and Robert E. Deis of Columbus have offered to purchase the property for \$8,500.00; and

WHEREAS the appropriate University offices have determined that this sale of the property is in the best interest of the University, and it is the desire of this Board to accept this purchase offer and to sell all the Board's right, title, and interest in this property:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized, in the name of the Board of Trustees of The Ohio State University, to sell all of the University's right, title, and interest in this property to Richard W. Foster and Robert E. Deis at a price of \$8,500.00, upon such terms and conditions as are deemed to be in the best interest of the University.

Upon motion of Mr. Shumate, seconded by Mr. Celeste, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix XV for background and map, page 423.)

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**EASEMENT**

Resolution No. 93-69

OHIO POWER COMPANY  
OARDC - WOOSTER, OHIO

Synopsis: The Fiscal Affairs Committee recommended authorization to grant an easement to the Ohio Power Company for installation of electric service at 2232 Oil City Road, Wooster, Ohio.

WHEREAS the Ohio Power Company has requested the granting of a 15-year easement consisting of a strip of land approximately 20 feet in width and 378 feet in length for the installation of electric service to the Dairy Maternity and Calf Barn on the Ohio Agricultural Research and Development Center property located at 2232 Oil City Road, Wooster, Ohio; and

WHEREAS this easement will serve University property, and the appropriate University offices have recommended the approval of this easement:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to request the Deputy Director of Public Works of the Department of Administrative Services, pursuant to his statutory duties, to act for and on behalf of the University in developing the necessary legal instruments to provide for this easement.

December 4, 1992 meeting, Board of Trustees

**EASEMENT (contd)**

OHIO POWER COMPANY  
OARDC - WOOSTER, OHIO (contd)

Upon motion of Mr. Shumate, seconded by Mr. Celeste, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix XVI for map, page 427.)

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**NON-MANDATORY TRANSFERS FROM CURRENT FUNDS  
FISCAL YEAR 1991-1992**

Resolution No. 93-70

Synopsis: Transfers to Endowment Principal Funds, Annuity and Life Income Funds, Loan Funds, Unexpended Plant Funds, Renewal and Replacement Funds - Remodeling and Renovation, Renewal and Replacement Funds - Repair and Replacement, and Retirement of Indebtedness Funds be submitted for approval.

WHEREAS non-mandatory transfers from current funds for the fiscal year 1991-1992 have been made; and

WHEREAS this accounting procedure is in compliance with the Auditor of State that all transfers among fund groups be reported:

NOW THEREFORE

BE IT RESOLVED, That the transfers as detailed in the accompanying report be accepted and approved.

Upon motion of Mr. Shumate, seconded by Mr. Celeste, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix XVII for charts, page 429.)

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**COMPUTER LABORATORY FEE IN ENGINEERING**

Resolution No. 93-71

Synopsis: Authorization of a computer laboratory fee for majors only in the College of Engineering is proposed.

WHEREAS the College of Engineering has established an immediate need for up-grading of computer services for instructional purposes; and

WHEREAS current University funding is inadequate to meet the financial costs of those instructional needs; and

WHEREAS the College has a plan for a computer laboratory fee for majors only that assigns funds collected to the provision of instructional computing services:

December 4, 1992 meeting, Board of Trustees

**COMPUTER LABORATORY FEE IN ENGINEERING (contd)**

NOW THEREFORE

BE IT RESOLVED, That full-time undergraduate majors (12 credit hours or more) and full-time graduate students (8 credit hours or more) in the College of Engineering will be assessed a computer laboratory fee of \$120 per quarter beginning Spring Quarter 1993. The fee will be prorated at \$10 per credit hour for undergraduate majors enrolled for less than 12 credit hours and at \$15 per credit hour for graduate students enrolled for less than 8 credit hours. For subsequent academic years the full-time computing fee will be limited to 15% of the resident undergraduate tuition. Prorated fees per credit hour for undergraduate and graduate students will be adjusted correspondingly; and

BE IT FURTHER RESOLVED, That the use of the Engineering computer laboratory fee will be reviewed annually by the Office of Academic Affairs until the fee is eliminated or replaced by a University-wide computing fee.

Upon motion of Mr. Shumate, seconded by Mr. Celeste, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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Mr. Shumate:

I would just like to say that I appreciate all of the reports. I know that the reports were very lengthy, but very important and also responsive to the Board. I think our agenda today also emphasizes that we need to do a better job of coordinating with Mr. Scott on the number of reports that we have at any one meeting. We would also ask Mr. Scott to help us out in that regard.

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**REPORT - UNIVERSITY'S ENDOWMENT FUND**

Resolution No. 93-72

RESOLVED, That the report on the University's Endowment Fund, dated November 20, 1992, as submitted to the Investments Committee of the Board of Trustees, be received and filed with the official records of the Board.

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**REPORT - UNIVERSITY'S ENDOWMENT FUND  
QUARTERLY REPORTS**

Resolution No. 93-73

RESOLVED, That the report on the University's Endowment Fund Quarterly Reports, dated September 30, 1992, as submitted to the Investments Committee of the Board of Trustees, be received and filed with the official records of the Board.

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December 4, 1992 meeting, Board of Trustees

**REPORT - UNIVERSITY'S CASH AND INVESTMENTS**

Resolution No. 93-74

RESOLVED, That the report on the University's Cash and Investments, dated September 30, 1992, as submitted to the Investments Committee of the Board of Trustees, be received and filed with the official records of the Board.

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Thereupon the Board adjourned to meet Thursday, February 4, 1993, at The Ohio State University Ohio Union, Columbus, Ohio.

Attest:

Madison H. Scott  
Secretary

John J. Barone  
Chairman

THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND TWO HUNDRED AND EIGHTY-NINTH MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, February 4, 1993

The Board of Trustees met at its regular monthly meeting on Thursday, February 4, 1993, at The Ohio State University Ohio Union, Columbus, Ohio, pursuant to adjournment.

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Minutes of the last meeting were approved.

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February 4, 1993 meeting, Board of Trustees

The Chairman, Mr. Barone, called the meeting of the Board of Trustees to order on February 4, 1993, at 10:25 a.m. He requested the Secretary to call the roll.

Present: John J. Barone, Chairman, Deborah E. Casto, John W. Kessler, Milton A. Wolf, Alex Shumate, Theodore S. Celeste, Michael F. Colley, George A. Skestos, Kristen Cusack, and Hiawatha N. Francisco, Jr.

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## PRESIDENT'S REPORT

President Gee:

Mr. Chairman, members of the Board, ladies and gentlemen, we are glad to be meeting here with all of you today in this setting, and indeed, I am glad to see the sun shining. On February 2, I saw my shadow and went back into recluse.

I want to say how pleased I am that The Ohio State University is number one in the Big Ten! Before someone slips me a note reminding me of Indiana's record, or Iowa's standing atop the women's basketball standings, let me say again that Ohio State is Number One. According to the National Merit Scholarship Corporation, Ohio State enrolled more National Merit Scholars in this year's freshman class than any other Big Ten University. I might say that also includes Northwestern. Our 100 scholars placed us 13th in the nation among all universities. Clearly, Ohio State is the university of choice for a great many high ability students, which we take great pride.

At the graduate level, I am pleased to announce also that in a survey published by *Science* magazine, Ohio State ranks fifth in the nation in the number of doctoral degrees awarded to African-American students. It is, of course, our distinguished faculty who attract these outstanding students to this university. As evidence of that quality, a national survey of the reputation of doctoral programs in six liberal arts disciplines ranks The Ohio State University 25th among all universities in the country and 14th among public universities. And, as a reflection of our momentum, Ohio State gained five places in the ranking over the last decade. Which in and of itself is quite remarkable. As they say in the *Billboard* music charts, Ohio State is Number 25 "with a bullet" -- continuing to advance in reputation across the country. The programs ranked were: economics, English, history, political science, psychology, and sociology.

Our quality extends to many, many disciplines. Among the honors received by our faculty recently is an international recognition in physics. Professor Frank DeLucia, chair of the Department of Physics, received the Max Planck Research Award from the Humboldt Foundation. He is one of only 25 physicists world-wide to receive this prestigious award.

Also this month, the Wexner Center for the Arts has received the 1993 Honor Award from the American Institute of Architects. This is the A.I.A.'s highest recognition of design excellence for individual buildings. I was interested to note that the award jury called the Wexner Center, "the Lenny Bruce of Architecture: bold and brilliant to some and to others irritating and resistant." They said it "shrieks at visitors." If they had these words for the winner, I'd hate to hear what they said about the losers!

## PRESIDENT'S REPORT (contd)

President Gee: (contd)

Two weeks ago, Ohio State received another form of national recognition. ABC News "Business World," a 30-minute weekly program on current events in business, broadcast a four-minute segment on Ohio State's investment class. And, of course, Mr. Barone is so interested in that. Some of you viewed that piece during yesterday's Investments Committee meeting as I remember. It could not have been a more complimentary story about the university. The student investment management activity continues to be an excellent educational program.

I might note our thanks to John and Rose Barone for their financial support of the program, which is included in today's foundation report by the way, John, and we recognize that.

As today's agenda reflects, the Office of Academic Affairs is proposing some restructuring that will enhance the effectiveness of our support services and programs in several critical areas of the university. I want to particularly note the reconfiguration of student financial aid, aligning that office to our recruitment and admission activity. Clearly, the availability and administration of financial aid is critical to our efforts to attract and retain a highly capable and diverse student population. We have made improved student financial aid services a priority, and Dr. Jim Mager is being charged with examining and enhancing all facets of the operation. I have every confidence that this new administrative structure will strengthen the delivery of financial aid to students.

Also on today's agenda is a proposal to adjust the 1992-93 budget to accommodate the projected shortfall. Again, difficult decisions are being made consistent with our mission and our priorities. As we enter a new legislative season, and a new budget cycle, it is of utmost importance that the people of this university make our case to the people of this state. As you are aware, this continues to be a priority for my time, as we seek to secure the support of elected officials for higher education.

To advance our case, our School of Public Policy and Management prepared an economic impact study of Ohio State. Among the highlights, let me just mention a few:

The university, its employees, students, and visitors spent an estimated \$1.45 billion in Ohio this past year. These dollars were spent at least one more time before leaving the state -- and by the way that is a very conservative estimate. The economists and I argue and, of course, I try to win, but they always come up with some economic theory. Nonetheless, if it circulates only one time, that is an impact of over \$3 billion, about seven times greater than the state's initial investment in the university.

The university brought in about \$295 million to Ohio in out-of-state revenues including federal research support.

The university's in-state purchases and physical plant expenditures of \$411 million created nearly 17,000 jobs for Ohioans beyond the campus.

## **PRESIDENT'S REPORT (contd)**

President Gee: (contd)

Following the release of this report, I am hoping that I will be able to visit several major cities in the state, and indeed have those scheduled, to hold briefings for business leaders, media representatives, and our many friends.

Beyond these numbers -- as impressive as they are -- is our most important impact on this state -- our graduates. Each quarter, this Board, on the recommendation of the faculty, authorizes degrees for thousands of students. Today, I want to call your attention to one degree recipient. Joseph Michael Snively is being recommended for a Bachelor of Arts degree posthumously. Joe had hoped to graduate at the end of Autumn Quarter, but his failing health required that he enroll one more quarter. Joe's long battle with Cystic Fibrosis resulted in his receiving a very unique double lung transplant at Cleveland Clinic in 1991. He was able to resume his education in 1992. Regrettably, he passed away this past month. An audit of his record, however, indicated that he had already completed the necessary course work for his degree. I know that his family in Newark and his widow, Stephanie, are very pleased that his courageous effort will result in Joe's being granted that thing he valued the most -- an Ohio State degree.

As we prepare to hear from students today in the open forum, it is important to note the individual efforts of each of these women and men, in the classroom and beyond, that inspire our efforts and enhance what we call The Ohio State University.

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## **STUDENT AFFAIRS COMMITTEE MEETING**

### **STUDENT OPEN FORUM**

Ms. Cusack:

Good morning. As Chair of the Student Affairs Committee, I would like to welcome all of you to our second student forum. Although Hiawatha Francisco and I, as your Student Trustees, do try to represent your concerns as accurately as we possibly can, we are not 60,000 people rolled in to one. This is an opportunity for you to bring your concerns directly to the Board. It is also an opportunity for the Board members to hear, directly from you, what you are thinking and why.

This forum is intended to be an exchange of ideas. Due to time constraints, it is not a question/answer session. We would like the Board to have an opportunity to hear as many ideas and thoughts as possible. To this end, please limit your discussion to one topic per person. To further expedite the forum, we have asked students to sign up prior to being seated. I will go directly through the list and call your name. When your name is called, please come to the microphone and state your name, hometown, major, and year in school. As this is a student forum, only current OSU students are asked to speak.

Thank you, again, for coming. We will call first upon Mary Wagner.

**STUDENT AFFAIRS COMMITTEE MEETING (contd)**

**STUDENT OPEN FORUM (contd)**

Ms. Mary Wagner:

Good morning. My hometown is Columbus and I am a Ph.D. candidate in the English Department. I am unfamiliar with this, so I am a little nervous. I have been the parent of children in the Child Care Center for five and a half years. That is my concern today.

I live far from the campus and so I am very familiar with the average citizen of the State of Ohio thinking that our budget is a little bit of meat and a lot of fat. The people who live around me also know that my children get very good care at the Child Care Center. I am most concerned that we be aware, as we get prepared to cut money and possibly cut the subsidy to the Child Care Center, that what the children at that Center receive is what we know to be the care the children need -- that most children do not get the care that children need. I cannot speak for how much it costs to administer the program, but I know that in the classroom we have what the people at Ohio State who study those things have determined to be the care the children need. They do not get egg in their beer!

I suppose it has been bandied about that we ought not be in the child care business. I don't know why we have not appointed a Director of Dependent Services if we have not seen it as a growing concern and necessity. I want you to consider that so few children get what children need. And if you only want to give what children need to the children of faculty, go ahead and do what has been proposed that you should do.

I am a single, working mother and my children have gotten what children need. I know that in percentages I should kiss the ground -- and I do -- that they have been afforded this opportunity. I would ask you not to take it away from others. My kids are almost done now. You have to decide whether you want to be in the business of providing child care and what it does. I have neighbors who work in child care who have gotten training there, I have met hundreds of students over the years who have worked there and who have learned about child care. It fulfills a function, and it is excellent, but it is not beyond what children need. Thank you very much.

Ms. Cusack:

Thank you, Mary. The next person is Michael Scarce.

Mr. Michael Scarce:

My hometown is New Paris, Ohio, and I am a fifth-year undergraduate senior majoring in Women's Studies. What I would like to talk to all of you about today is the topic of HIV and AIDS on our campus.

National, medical, and health organizations estimate that anywhere between 1 and 500 to 1 and 50 American college students are HIV infected. Ohio ranks 13th in the nation for the number of AIDS cases, so we do have a sizable population of HIV-positive faculty, staff, and students on our campus. While there is more HIV education here on our campus -- more than ever before, especially in the UVC

**STUDENT AFFAIRS COMMITTEE MEETING (contd)**

**STUDENT OPEN FORUM (contd)**

Mr. Scarce: (contd)

classes thanks to our AIDS Education and Outreach Program -- it is primarily targeted at prevention, teaching safer sex methods and talking about IV drug use.

While this is good and we certainly need this, there also needs to be a lot more done to improve the AIDSphobic and homophobic climate on our campus. That is what affects the people that are already HIV-positive. For the faculty, staff, and students out there who are HIV-negative, we want to keep them that way. But what are we doing for the people who are already HIV-positive?

I just have a couple of suggestions that I would like to throw out real fast. I strongly believe that the AIDS Education and Outreach Program here at OSU needs a full-time director or manager, rather than leaving the task of educating 60,000 people to two graduate assistants. I would suggest that we increase funding for free condoms and dental dams provided to everyone, as well as funding for educational resources and materials. Another really important thing is that we make free and anonymous testing available to all faculty, staff, and students, with quality pre-test and post-test psychological counseling.

As I stated before, please improve the AIDSphobic climate for HIV-positive faculty, staff, and students on our campus. These people are living in terror. They are deathly afraid that someone is going to find out. They are isolated, they are alone, and they do not know where to go for help or where to turn.

So in closing, I would like to leave you with an Ethiopian proverb which says, "He who conceals his disease cannot expect to be cured." Thank you.

Ms. Cusack:

Thanks a lot, Mike. Next, we have Chris Norman.

Mr. Chris Norman:

My name is Chris Norman, I am from Norwalk, Ohio, and am a junior majoring in agriculture communications. My concern here today is the College of Agriculture and School of Natural Resources' name change.

Currently the College of Agriculture and School of Natural Resources is planning on changing the name of the College to something with a variation of the College of Food, Agricultural, and Environmental Sciences and the School of Natural Resources. I feel the main reason for the change is that the general public does not comprehend the magnitude that agriculture involves. It is just not slopping the hogs and square dances every Saturday night like most people think.

I am against the name change because the current name holds a high amount of tradition and respect world-wide. If the name is changed, I feel that the College and University as a whole would greatly suffer. With the change there is a plan on marketing the new name throughout the state, promoting all aspects of agriculture to try to break the stereotype. I ask to keep the honored name of the College of

**STUDENT AFFAIRS COMMITTEE MEETING (contd)**

**STUDENT OPEN FORUM (contd)**

Mr. Norman: (contd)

Agriculture and School of Natural Resources, but to go ahead and market the programs more effectively, breaking the stereotypes like we should have done all along. And just as a reminder, agriculture is Ohio's number one industry. Thank you.

Ms. Cusack:

Thank you. Next we have Marc Conte.

Mr. Marc Conte:

Good morning. My name is Marc Conte and I am a fifth-year senior majoring in communications, from Seven Hills, Ohio. For the past three years, I have been working on gay, lesbian, and bisexual issues, most recently as the co-president of the Bisexual, Gay, and Lesbian Alliance.

At the student forum last year, I spoke about the ongoing discrimination of campus ROTC programs based on sexual orientation -- a clear violation of Ohio State's nondiscrimination policy. Ending the military ban on gay, lesbian, and bisexual citizens has been a priority of President Clinton as he took office. This is in no small part due to the work of the Undergraduate Student Government, the University Senate, and President Gee to articulate the University's displeasure with the policy. I am hopeful that this will soon cease to be an issue.

At the same meeting last year, the Board approved the concept of spousal equivalency for faculty and staff. I am asking today that the Board continue that effort, follow the lead of Stanford, University of Chicago, and Illinois, and grant full spousal equivalency benefits for faculty, staff, and -- the group that was left out last year -- students. The most important areas for students are health insurance coverage for domestic partners and access to Buckeye Village and other married student housing facilities. In addition, live-in staff of Residence and Dining Halls need to be able to live with their domestic partners.

Recently, President Gee and other administrators have been speaking about the general climate on campus. I fully support his efforts to improve the climate for all people and encourage him to take steps to directly face the climate issues of disempowered groups.

Widespread education needs to be the cornerstone of any effort to reduce these acts of hatred. To that end, I strongly encourage that UVC courses be redesigned to include substantive presentations and discussions that cover all disempowered groups.

The OSU Office of Gay, Lesbian, and Bisexual Student Services has also provided education to the campus especially through an Awareness Week and the Speakers Bureau. However, this office can not go it alone, especially on the minuscule programming budget that it has. As an active member of the planning committee for the Awareness Week for the past two years, I can say that many other offices on

**STUDENT AFFAIRS COMMITTEE MEETING (contd)**

**STUDENT OPEN FORUM (contd)**

Mr. Conte: (contd)

campus have not been doing their fair share when it comes to serving gay, lesbian, and bisexual students. Furthermore, these offices have been uncooperative when members of the gay, lesbian, and bisexual community have reached out to do joint programs.

For example, of the nearly 80 events planned for United Black World Month, only one of these programs directly deals with gay, lesbian, and bisexual African-Americans. Moreover, the Wexner Center did a majority of the work in setting up the program. I honestly believe that the only reason this event appears on the calendar at all is that it occurs during Gay, Lesbian, and Bisexual Awareness Week.

This situation, which is repeated on a regular basis, illustrates how students on this campus are marginalized and made to prioritize different parts of their lives. It is especially appalling that this is going on in the Office of Student Life.

Ohio State has taken the right step in creating all of these offices. Unfortunately, their own biases and ignorance gets in the way of serving all of the students that the office was set up to serve. The University must now take steps to formalize communication between these offices and make a clear directive that they must work together so that no student is left out, no student is marginalized, and no student is made to feel unwelcome.

Staff and administrators on this campus, from people in Student Life to Academic Advising, need to wake up and realize that gay, lesbian, and bisexual students make up the largest oppressed minority on this campus besides women. Thank you for your time.

Ms. Cusack:

Thank you. Frank Chloupek --

Mr. Frank Chloupek:

My name is Frank Chloupek, I am a third-year graduate student in the Department of Physics, and I am from South Holland, Illinois. The issue I would like to speak about today is the issue of differential fees.

Recently the Board passed a differential computing fee for the College of Engineering. When it passed that fee there were assurances that this was a special case, this was Engineering, this was computing, and that the University did not want to make this a habit of raising fees. Recently we have been hearing that the College of Business is on the fast-track in getting a computer fee approved for their College.

All I want to say is should all students now start to lay aside ten percent of what they are paying for tuition now in preparation for their college having a fee for a computing fee? If this is going to be the case that we are having fees for computing, why don't we just open the door for everything. We should allow each

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**STUDENT AFFAIRS COMMITTEE MEETING (contd)**

**STUDENT OPEN FORUM (contd)**

Mr. Chloupek: (contd)

college to lay out their budget and have the fees approved that way, instead of saying now we have our budget for everything we consider important, but we are going to try to get this little extra here. Thank you very much.

Ms. Cusack:

Thank you. Wes Byers --

Mr. Wes Byers:

Hello. My name is Wes Byers, I am a junior in System Resource Management, and I would like to speak today about community service and volunteerism here at OSU.

I am the student director of OSU's Project Community, a new program here at Ohio State that strives to enhance the educational experience of all OSU students by providing community service opportunities, plus creating programs that would meet community needs. We are in our first year and I would like to ask all of the Board members to think about how each and every one of you can help us to grow and to hopefully become the community service center in the state. We have many students who are enthusiastic and dedicated to the effort of community service and volunteerism, but what we really need is the support of the University. I have been working closely with a representative from the President's Office to organize certain events, but I would like to see every member of the Board support and lobby to get more funding, more publicity, and more credibility for our program.

I passed out our first newsletter which was put together by a student and also a flyer about a speaker we are having on Monday to speak about homelessness. One of the things that we would like to do is raise awareness on different social issues by providing speakers or creating programs that would raise awareness and involve students in the community. Basically, I would just like to ask each Board member to see what you can do to help us to become a solid community service program and to help us to develop and grow over the years. Thanks again.

Ms. Cusack:

Thanks very much. Next is Ellen Bouton.

Ms. Ellen Bouton:

Good morning. My name is Ellen Bouton, I am a senior and I will be graduating in 127 days in Agriculture Communications and Agriculture Economics from Mt. Vernon. I am not really representing any student organization today, because I just want to represent the working students that do not receive financial aid. Because I live on a farm, I don't qualify for any work study or any financial aid. I did receive one scholarship my freshman year based on academics. Since then, my father passed away, so we do not have any actual income -- just from what we get from the farm. I have a younger brother that is saving for college, and I have been working 30 hours a week these last two weeks -- and I actually just cleaned up your breakfast dishes.

**STUDENT AFFAIRS COMMITTEE MEETING (contd)**

**STUDENT OPEN FORUM (contd)**

Ms. Bouton: (contd)

By not qualifying for work-study, it is difficult to find a job on campus. I have been lucky, I have worked in Residence and Dining Halls, I worked for the Libraries one quarter, I work for Visitor Information now, and I also work for the Unions. And these are about the only places that you can find nonwork-study jobs. Because of budget cuts, all you can find are work-study jobs. For some of us that don't have vehicles to get to other places in Columbus, there is not a whole lot left on campus for us.

That is the only thing that I wanted to bring up to you -- financial aid and work-study, and making it more accessible for more students. Some students do get through the cracks and receive financial aid when maybe they're not really deserving of it. There are others out there that for different reasons -- I know now for agriculture occupations you now will be receiving special financial aid. It comes a little too late for me, but I am glad and happy it is out there for everybody else. Thank you.

Ms. Cusack:

Thank you, Ellen. Next is Shirley Brooks-Jones.

Ms. Brooks-Jones:

Hi, my name is Shirley Brooks-Jones and I am a senior majoring in English. As President Gee said last fall, "I am a senior in more ways than one." I am here representing the non-traditional, undergraduate student. My hometown -- actually, I don't have a hometown, I am from Southeast, Ohio, Vinton County, the coal mining, strip mining, forestry area. I am very proud of that area of the State.

What I would like to talk to you about today is volunteerism. Students are very, very busy and I am sure that if students were not in classes, we would have more students here meeting with the Board. But I decided that I should come and talk with the Board, this is the first opportunity that I have had to do this. What I have to say ties right in with what Wes Byers said earlier about community service. I spent almost 35 years working at Ohio State. I retired and now I am an undergraduate student. I have been involved in a lot of volunteer activities. When I retired I was going to school full-time, that was my goal. I was going to graduate very quickly. Well, here it is five years later and I still haven't graduated because there are all of these wonderful volunteer efforts to be involved with.

I am involved in a number of undergraduate student organizations, Ohio State's Incorporated is my primary organization. We do a lot of great things on this campus. The other activity that I spend a great deal of time with is serving as co-chair of the Campus Campaign Council. Now I think most of the Board members know what the Campus Campaign Council is. For those folks who do not know, it is the fund raising effort of the faculty and staff. I am now in my fifth and final year of serving as co-chair of the Council and we have raised some \$20 million from the faculty and staff on this campus. I think that is incredible. The faculty and staff believe in students and they believe in the programs of this University. The theme of the Campus Campaign from the very beginning has been "I Believe in Ohio

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**STUDENT AFFAIRS COMMITTEE MEETING (contd)**

**STUDENT OPEN FORUM (contd)**

Ms. Brooks-Jones: (contd)

State." And, indeed, all of us do believe in Ohio State. That is why we are here and that is why I am making an effort to still continue with all of my volunteer efforts.

I am not on the four-year plan, I am not on the five-year plan, or even the 10-year plan for getting my undergraduate degree. I do now know that I will graduate in June 1994. That will be forty years since I graduated from high school, so I am on the 40-year plan.

I want to close by inviting the members of the Board and anyone else who would like to attend the kick-off for this year's Campus Campaign. It will be at 3:30 p.m. in the Fawcett Center on February 25. Dr. Gee and Vice President May will be with us and we are just delighted. We are going to raise some more millions of dollars for Ohio State and its students. Thank you very much.

Ms. Cusack:

Thank you. Next, I would like to call on Art Molloy.

Mr. Art Molloy:

Good morning -- I trust that it is still morning. My name is Art Molloy, I am from Raleigh, North Carolina, and a second-year graduate student. Why did I tell you that I'm from North Carolina? That is the state that gives us Senator Jessie Helms. And the reason why I am sitting before you today is because I would like to address an issue at Ohio State that is very, very reminiscent of North Carolina.

I left North Carolina because I considered it to be a state that was opposed to progress. We know that Jessie Helms is sexist, racist, and also homophobic. We know that many of our faculty members, our staff members, and some of our students at this institution are racist, sexist, and homophobic, but we seem to feel like there is some reason why we cannot give mandatory training to faculty, staff, and students.

I do believe that it very, very important, as we move into the year 2000, to stress that we will become more and more diverse and the majority as we know it today will become the minority. So if we do not move proactively to train ourselves and the students about the issues of diversity so that we will not be sexist, we will not be racist, and we will not be homophobic, then I think Ohio State is going to be behind many of the other institutions in the United States. Thank you.

Ms. Cusack:

Thank you. Next we have Michelle McKarn.

**STUDENT AFFAIRS COMMITTEE MEETING (contd)**

**STUDENT OPEN FORUM (contd)**

Ms. Michelle McKarn:

The reason that I am dressed this way and didn't really prepare anything is because someone just told me that this was going on. I came really to support A.C.T.I.O.N., but I did have some questions and concerns. Hi, Dr. Gee, it seems we are meeting again.

My concern is with A.C.T.I.O.N. I have been here three years and during my freshman year nothing really Black ever went on. I didn't even know that there was a Black Cultural Center when I first came here. I mistook it for the Commons, because it said, "Bradford Commons." It took a militant organization to even get a sign erected so Black students would know where to go.

We've made demands for a flagpole. I want to know why everyone else can have a flagpole, but the Black Cultural Center doesn't even have a flagpole so that we can hang our national flag? I just want to know why it seems so long that we keep getting promised everything, but in order to get everything we have to have another committee, and another committee, and another committee.

When do the committees stop and the action begin? When are we going to get some concrete results? I have been sitting here listening and everyone is coming here saying, "Well, we need this," and "We have been promised this, and we are doing this, and we are doing this." Well, I have yet to see anything, and I know that I am personally tired of waiting. The reason why things erupted in Los Angeles is because everyone was tired of waiting. You know I would hate to see that happen here on this campus, but it can and it will! You know if you continue to put students on hold, and things that are important to them on hold, something is going to happen. We have warned you, we've asked you. You know A.C.T.I.O.N. wants to know when there is going to be some action. And that is just all that I came to say.

Ms. Cusack:

Thank you for your comments. That concludes our student forum. Thank you, everyone, for coming and I hope that we can continue this. I think that it has provided valuable information for all of us and that concludes my report for Student Affairs.

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**REPORT FROM A.C.T.I.O.N.**

Mr. Barone:

At this time, I would like to call on Aya Fubara from A.C.T.I.O.N. who will address the Board. You will have ten minutes.

Ms. Aya Fubara:

Good morning. I am just going to be reading a memorandum and when I am done we are going to have copies circulated to the members of the Board of Trustees. (See Appendix XVIII for memorandum, page 513.)

**REPORT FROM A.C.T.I.O.N. (contd)**

Ms. Fubara: (contd)

On July 10, 1992, members of A.C.T.I.O.N., an ever expanding group of African faculty, staff and students at The Ohio State University and members of the African-American community, addressed you on the progress being made by this university in response to issues raised by OSU's African constituency. OSU President E. Gordon Gee stated in his response of May 13 to A.C.T.I.O.N., "our actions have not always matched our commitment." A.C.T.I.O.N. believes that once again, history is repeating itself.

In his response of May 26, 1992 to A.C.T.I.O.N., President Gee appointed a Presidential Group "to facilitate the next steps in achieving these specific goals." More recently, President Gee has since shifted the responsibility to solve the issues we have raised from the Presidential Group to a President's Advisory Committee on Diversity. We are well aware of the complexities of some of the issues we have raised, but we are also aware of the "zero-sum mentality" that exists amongst protected groups as well as the historical tactic of pitting different protected groups against each other.

We are confident that you will understand our dismay and reluctance at the formation of yet another university committee charged with advising the president on solutions to our issues in light of the numerous committee reports that have already been generated such as the very extensive report of the Committee on Women and Minorities. This committee report amongst many others is replete with recommendations on institutional direction, policies and priorities for achieving equity and diversity on this campus. It is critical that we take charge of our own destiny and stop waiting for some unknown mythical committee to come along and wipe racism from this campus.

As you are also well aware from the numerous committee reports that have already been generated, the conditions on this campus for "minority" groups and specifically the African-American constituency are very dismal.

The Ohio State University can boast of only one African-American Dean and one African-American Chairperson. Dean Mac Stewart heads University College, a college with no faculty of its own, while Dr. Ted McDaniel heads the Black Studies Department. Four colleges on the Columbus campus have NO BLACK faculty members. Eighty-four of 138 departments have NO BLACK faculty, one of the two African vice presidents just turned in his resignation, perhaps an indication of OSU's ability to both recruit and retain African-Americans especially in decision making positions. As of October 1991 African-Americans comprised 50.7 percent of all Service/Maintenance-07 classification staff even though we only constitute 12-13 percent of the population in the state of Ohio.

Retention figures for African students regardless of the slight increases in the number of recruits remains between 20-30 percent as compared to 50-60 percent for the rest of the university. African faculty account for only 104 of over 3,000 faculty members down from 109 as of 1991, and the list goes on. In addition to the problems we have enumerated, we are asking for a full scale investigation into Ohio State University's business practices with "minority" vendors.

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### **REPORT FROM A.C.T.I.O.N. (contd)**

Ms. Fubara: (contd)

Henceforth, A.C.T.I.O.N. will deal primarily with the Chairperson and members of the OSU Board of Trustees recognizing you as the creators of ideas. For it is the creators of ideas who run the world, everyone else tap dances.

Our voice is not a single voice, but a communal voice, a voice of matrices, not a single matrix of solely A.C.T.I.O.N., but a matrix where the coefficients are A.C.T.I.O.N., the Coalition of Concerned Black Citizens, the president of the NAACP Columbus Chapter, African-American churches, the African-American legislators, and the African-American community at large.

Where is the power? Not on the outside, but within. You be the thinkers that think the thoughts. If you don't like them, then change your thoughts make it what you want it to be. If you don't define this university and the direction it is going for yourself, you will be crunched into your tap dancers' fantasies and thus be eaten alive. In the words of our ancestors, "because every shut eye ain't sleep and every goodbye ain't gone!"

In good faith, A.C.T.I.O.N. temporarily postponed sending out letters to the blue chip African-American athletes. We are hoping that your timely response to our concerns will make it totally unnecessary for us to ever have to send these letters out. We do not wish to convey that we are posturing or threatening anyone or anything. We fully realize that we are all in this environment together and that we can only make it work together.

Thank you for your time, continued patience and support as we work to empower each other. May the ancestors guide your thoughts and hearts.

Any questions?

President Gee:

We have prepared yet another interim report on the progress that we have made on the various issues and the non-progress which we will be distributing both to the Board and to the community. Again, I would ask you to look very carefully at those. And as you know, we are prepared to continue to meet and discuss these issues.

As to the committee issue, I would just point out to you that this is not a committee, this is a committee designed to make certain that the recommendations that have now been brought forward from the various committees and commissions will be implemented. It is an implementation committee. And if there is some misunderstanding about that, let me clarify that today. This is not another committee to study anything. The purpose of that committee is simply to say that we have adopted a set of recommendations, and to make certain that they are being adopted, and to monitor those adoptions.

Ms. Fubara:

Well, we have read very carefully the fine print of what the charge for that committee is and we were unable to find anything that talked about their implementation of powers or ability to monitor anything on this campus.

February 4, 1993 meeting, Board of Trustees

**REPORT FROM A.C.T.I.O.N. (contd)**

President Gee:

Well let me just make this very clear -- you've heard it from me. I am the one who wrote the recommendations, I am the one who wrote the charge, and it is precisely what they are charged to do. And if it was not clear, then you have heard it today, period.

Ms. Fubara:

Okay. The main concern is the fact that -- and there is precedent for this, even if we look back to the A.C.T.I.O.N. plans that were created while President Jennings was here -- and what historically happens is presidents come and they create their own committees or groups or whatever, they have plans in place, and then the presidents move on. The next president comes, those plans are shifted to somewhere in the library to collect dust, and then a new committee starts. A.C.T.I.O.N. at this point is dealing with the same issues that my parents dealt with when they were students on this campus in the '60s. So we just want to make sure that this does not happen again.

President Gee:

Again, let me just emphasize that that is precisely my own view. You and I have been in dialogue about this issue, that I don't want to create yet another set of committees to take a look at issues, rather we have a set of recommendations and we intend on implementing them. We are in the process of bringing forth the final implementation strategies on our equity committees, on our Commission on Women, on our various A.C.T.I.O.N. plans, and we're not saying that we are going to stay those any more. That is precisely what this committee is about. Each of those various committees and commissions have always come forward with a recommendation that is somewhat the same, but it always says that we need to have someone who will monitor to make certain this happens. The issue of empowerment, as you have stated it, is precisely right. Someone, somewhere needs to make certain that the recommendations that we have do not go back to the library, but go into the reality of the fabric of the institution. And that is precisely the charge. Therefore, if David Williams is here, I am certain that he would tell you that he does not feel that his charge is one to create yet another committee, but rather it is clearly to make certain that what we are doing and what we have committed to do is being done. David can speak for himself, but if that is not clear, then it is certainly clear today, because I am on record about that.

Ms. Fubara:

Well, we are awaiting results.

President Gee:

I might say that I think that when you review the issues and the report that we have -- as you know, I have continued to put forth a series of interim reports -- I think that both the Board and you will see that there have been a number of things that have resulted from the discussions that we had which are positive. Some of the issues that you raised today are absolutely on target, we continue to not do well on our recruiting in certain areas, we intend --

February 4, 1993 meeting, Board of Trustees

**REPORT FROM A.C.T.I.O.N. (contd)**

Ms. Fubara:

And in the meantime, we continue to lose students.

President Gee:

Well, let me point out that our student population is up and --

Ms. Fubara:

And we acknowledge that.

President Gee:

And I'm pleased that you did acknowledge that, because we have made substantial strides --

Ms. Fubara:

But the retention figures are still horrible.

President Gee:

The retention figures are not good. The retention figures are getting better though, and that is all part of the issue right now. So, I thank you for that.

Ms. Fubara:

Thank you.

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**RESTRUCTURING AND REALIGNMENT IN THE  
OFFICE OF HUMAN RESOURCES**

Mr. Barone:

At this time, I would like to call on Vice President Linda Tom who will discuss Human Resources.

Ms. Linda Tom:

I want to thank the Board for allowing this time for me to talk about the new Human Resources organization. I will have some help here this morning -- Joe Partridge, who is one of our able student employees will be assisting. I will address the following issues: 1) What is Human Resources?; 2) I will talk about our customers and our services; 3) I will talk about our new organization and mission; and 4) share with you our priorities for the coming year.

What is Human Resources? Human Resources is a people business. To give you a sense of the magnitude, the combined cost of payroll and benefits at the

**RESTRUCTURING AND REALIGNMENT IN THE  
OFFICE OF HUMAN RESOURCES (contd)**

Ms. Tom: (contd)

University comprise the single, largest budgetary item. Our payroll approximates \$630 million and our benefits costs are about \$141 million. Combined that is in excess of \$775 million or about two-thirds of the University's total \$1.3 billion budget. The people who are our primary customers are the faculty, administrators, staff, and students who work at the University. While I recognize the word, "customer" is not familiar in a university, I use it to refer to anyone who receives services from us.

What does the OSU work force or this customer face look like? We are the third largest employer in Columbus, with approximately 16,500 full-time employees. This puts us just behind the federal and state governments. Fifty-five percent of the work force are women; one out of five is a minority. We have jobs which virtually cross all occupational categories. As can be indicated on this chart, these positions range from service/technical positions to faculty, professional, and senior administrators. There are positions in over 2,000 job titles. I just want to point out in terms of the highest level, and you may not be able to see it that clearly, the highest percentage of our employees are in the professional ranks, but about 35-40 percent of those are in the University Hospitals.

One of the major strategic imperatives singled-out by President Gee this year for the University was resource management. When the University's payroll and benefits constitute about two-thirds of its total budget, the need to effectively manage our people is critical.

When we ask people what Human Resources does, most will tell you, "They pay us," "They process our benefits claims," "They hire people," "They are the child care people." All of this is true and I want to share some selective statistics with you just to indicate how substantial these operational activities are -- these are annual numbers. In any given year we process about 600,000 paychecks; we issue about 47,000 W-2's, so every time a position or an appointment changes there needs to be a record of that; we process about 47,000 personnel actions; the number of lives that are insured in terms of our benefits programs approximates 34,000; we process about 30,000 applications for positions a year; and we hire about 2,500 non-faculty positions annually. Grievances and hearings -- we have about 315 of those a year, which we process and we hear. And we serve about 400 children in our Child Care Center.

These operational services are very important, but they represent only some of what we do. We do much more. The totality of Human Resources impacts the full life cycle of people in the institution and this is illustrated in what we call, "Our Integrated Model of Human Resources." This overhead shows a model that we developed to guide us in linking or integrating our services so that we could most effectively serve our customers and our services fall into four general categories.

Starting at the top, an important function is the recruitment and hiring of the best people to the University. We do this through the employment and affirmative action functions.

**RESTRUCTURING AND REALIGNMENT IN THE  
OFFICE OF HUMAN RESOURCES (contd)**

Ms. Tom: (contd)

Once people are here we have to ensure that they have the appropriate support. Therefore, we need to provide benefits, make sure that compensation is appropriate, actually process the pay in terms of the payroll, and provide necessary information.

The third circle is a very important one and this has to do with the creation of a quality of work life environment. The environment directly affects morale and productivity. We have procedures and resources to ensure that people or employee relation problems are resolved appropriately. We provide programs to enhance the climate for all people, we also provide work and family services to enable working families and parents to fully participate within the institution.

The fourth category is training and development. Training and development of all our employees will not only enhance the climate, but also the effectiveness of all that we do.

Our ability to carry out these functions in an integrated fashion reduces redundancies, eliminates overlap, and allows for provision of services in the most cost-effective manner. This will result in long-term improvements in productivity, morale, and quality of work life for all within the community.

Mr. Shumate:

How long has this model been in place?

Ms. Tom:

It has been in place for the last six months, since we have reorganized. Next, I will talk about our reorganization and show you how we have reorganized to effectively address the human resources needs of the University. We consolidated two separate departments into one stream-lined human resources organization. Basically, we used to have two separate departments: 1) Human Relations; and 2) Human Resources. Now we have one stream-lined department and we essentially have three functional areas: 1) Human Resources Services, which is our day-to-day activities -- hiring, benefits, classification, and payroll; 2) Employee Relations and Affirmative Action, this is where we deal with labor relations and negotiations of contracts, problem resolutions, and the important area of affirmative action; and 3) Training and Development.

We have combined related functions to maximize synergies and efficiencies. As an example, we previously had two training groups, now we have one. Previously we had three units that were handling grievances and complaints, now we have one. We have reallocated resources to priority areas, we have eliminated redundancies, we now have fewer total positions as a result of this consolidation. The number of staff in our Human Resources Department is very lean when we compare this with other universities and with private industry.

**RESTRUCTURING AND REALIGNMENT IN THE  
OFFICE OF HUMAN RESOURCES (contd)**

Ms. Tom: (contd)

As you can see on this chart the tallest column there is Ohio State University. What that shows is that one human resources staff serves approximately 267 employees. The average corporation has one human resources staff that serves 175, and the average university, which came from a recent survey, shows that there is one human resource staff to serve 142 employees. From this you can see that our average Human Resources staff serves twice as many employees as other universities.

As part of this reorganization, we have been in the process of a significant culture change, and this has been facilitated through creation of a shared vision within our department. This is reflected in our new Mission and Value Statement, and I would like to share this with you today. This is a Mission and Value Statement which has been created from many, many hours of discussions within our own department. Basically, very simply stated our mission here is to provide the best quality human resources services to help faculty, administrators, and staff accomplish the University's teaching, research, and service objectives. Our responsibilities as I indicated before include recruiting and hiring the best people, providing the highest quality compensation and benefits programs, developing employees through education and training, enhancing the climate and quality of work life, and creating and valuing diversity.

As we developed our mission we felt it important to also talk about our values, because that will guide how we not only interact with our customers, but how we perform our work. And we have a set of values that describe how we value our internal and external customers. A couple of these are: we value respect of the individual, we are involved with open and honest communication, and we try to have fair and equitable treatment in all of our dealings. Some of our operational values which guide our practices are: we are committed to quality in all that we do, we seek to improve efficiency and productivity, and we also value teamwork. We carry out our mission by understanding and anticipating customer needs, and we are always striving to develop customer-friendly procedures and to continually improve our services.

This is really to give you a flavor of the discussions that we have been having in our department. As you may have noticed on the front page of that, there was the word "draft" stamped on this. That is because we are now just getting to the final stages of having full conversations within our whole department to ensure that we are going to have effective buy-in and agreement on these values.

Let me turn now to our top five priorities for the coming year. The five priorities are: 1) to improve basic services; 2) to improve affirmative action and diversity; 3) to improve the quality of work life; 4) management, development and staff training; and 5) to implement total quality management. I will talk just briefly about each of these.

We will continue to improve our basic services. These basic services keep the University running. For example, we are talking about paying people, providing them with benefits, processing their claims, hiring people, etc. If these services are

**RESTRUCTURING AND REALIGNMENT IN THE  
OFFICE OF HUMAN RESOURCES (contd)**

Ms. Tom: (contd)

effectively delivered, faculty, administrators, and staff can spend their time performing their jobs as opposed to being involved in unnecessary bureaucratic activity. In trying to improve these basic services, our efforts are focused on reducing bureaucracy, making our services more user-friendly, automating processes wherever possible, and improving our data systems.

One notable accomplishment in this area is that we have been able to reduce the turn-around time on job classification requests. Employees have the right to ask that their jobs be audited, or when jobs are changed we review them to determine what the appropriate pay range and pay is. In the past it took anywhere from two to eight months to have such a review accomplished. We have now reduced this to an average of four weeks and I think that is a significant improvement.

The second area is improving affirmative action and diversity. We have initiated a process to develop and update affirmative action plans for all departments. We expect these plans to be in place by Fall Quarter 1993.

The third area is improving the quality of work life. How people are treated and supported directly affects morale, motivation, and productivity. People who are treated with dignity and respect, not only feel better but will be more productive employees. Efforts to enhance the quality of work life include: training managers and supervisors so that they can effectively motivate employees and deal with problems as they arise; providing resources for the earliest resolution of employee relations problems; and creating fair and equitable policies and communicating these openly.

Some of the achievements to date include the creation of a new sexual harassment policy. This was completed this quarter and we will be broadly communicating the policy to all of the community very shortly. Sexual harassment workshops for vice presidents, deans, and chairs were conducted in December and January, and we will have more of these programs for other managers and staff throughout the campus. We have also provided help to UNITS to resolve problems at the earliest stages through providing services of trained human resource generalists and dispute resolution advisors.

Management and training is the fourth, but it is a very important priority for us. We have created teams that are developing programs in three priority areas and these include: management and supervisory education; diversity training; and support staff training.

The last item is the implementation of total quality management. While this is last on the list, it certainly does not mean that it is the least important. As a matter of fact, I think that this may be one of the more important areas which we will be initiating. Total quality is merely a philosophy which we feel will help us to be more efficient and productive. Human Resources is working collaboratively with the Offices of Finance and Business and Administration to implement total quality management in all of our departments. These are just five of our priorities. We have many more activities underway, but I thought I would just share the top of these with you today.

February 4, 1993 meeting, Board of Trustees

**RESTRUCTURING AND REALIGNMENT IN THE  
OFFICE OF HUMAN RESOURCES (contd)**

Ms. Tom: (contd)

In closing, let me just make a few personal observations. As I complete my first year at Ohio State University, I feel very good about the significant progress that we've made. We have a new organization and a mission and we have clarity on our priorities. Obviously there is much, much more to do. This coming year will be a challenging time, but we feel confident that we are moving in the right direction. We are excited and committed to meeting the challenges. And let me take this opportunity to publicly acknowledge the dedicated staff in Human Resources for their good work. It has also been a real pleasure for me to have worked with President Gee, who has been most supportive, and the members of the Board, Provost Huber, and all of the other vice presidents. I look forward to many more years of not only challenges, but very enjoyable work at the University. With that I will close and thank you for your time. I will be happy to take any questions.

President Gee:

Linda, thank you very much. That was very well done indeed and we appreciate it.

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**RESEARCH FOUNDATION REPORT**

Mr. Celeste:

As a prologue to my formal report, I would like to call your attention to the copy of the newspaper article that was passed around to your places. This was an article that appeared in a Columbus newspaper, so Amb. Wolf and Mr. Barone may not have had a chance to see this. This is an article about one of the reports that I made several months ago, where Michael Breslin, a student, and Hamish Fraser, an Eminent Scholar, were involved in a project, "The True Definition of Serendipity." It is going to lead to what I think are going to be some exciting implications for development and jobs in the future. It is the kind of thing that research can be all about.

I would like to report on the Grants and Contracts for the months of November and December received by The Ohio State University Research Foundation. At Tab 1 we see that the awards for the period July through November are up about the same as reported at the last meeting, 3.56 percent. However, awards for the period July through December are down 3.26 percent. To give you an appreciation of the fluctuation in awards each month, the last page under Tab 1 is a graph of the award variations by month for the last five fiscal years. Please note that in December of fiscal year 1992 there was a significant increase over prior years. This increase is due to one \$8 million award that was recorded last December.

At Tab 2 you will find expenditure summaries for the months of November and December. As expected, expenditures continue to track the increase in awards last year and show a modest increase of 6.1 percent.

**RESEARCH FOUNDATION REPORT (contd)**

Mr. Celeste: (contd)

Some projects of special interest that were funded in the months of November and December are listed at Tab 3. Professor Lin from Veterinary Medicine along with his multidisciplinary team from Medicine, Pharmacy, and Veterinary Medicine have received \$160,000 from the National Institutes of Health to study one of the most important diseases in men of advancing age, human benign prostatic hyperplasia. Their research approach involves both a canine model and human clinical studies to generate the science base needed to develop novel therapeutic approaches for patients with this disease.

Professor Bhushan, an Eminent Scholar in the Department of Mechanical Engineering, has received \$100,000 from the Navy to develop a fundamental understanding of the friction and wear mechanisms of ceramic materials and multilayered thin films using atomic scale microscopy. These studies could result in new material combinations and finishing processes with ultra-low friction.

At Tab 4 is the list of all projects funded in November and at Tab 5 is the list of all projects funded in December.

Attached to your report is the University's 1992 annual Research Report. In an effort to reduce costs and also provide our researchers with the information most important to their interests, this year's report has been divided into two parts. Part one is the listing of expenditures and awards by college and department. It is noteworthy that in fiscal year 1992 the University received more than \$186 million in externally sponsored research grants and contracts.

Part two of the report, which contains the detailed listing of each project, is in press and will be available next month. However, the data is currently available electronically via connection to the University's MAGNUS system. As a result, one can dial-up this database from your office and browse through the data by department. This is a fact which I can verify, I had it demonstrated to me in my office this week.

Tab 6 includes press releases issued by University Communications highlighting recent research activity.

**REPORT OF RESEARCH CONTRACTS AND GRANTS**

Resolution No. 93-

75

Synopsis: The reports on research and other sponsored program contracts and grants and the summaries for November and December 1992 are presented for Board acceptance.

WHEREAS monies are solicited and received on behalf of the University from governmental, industrial, and other agencies in support of research, instructional activities, and service; and

WHEREAS such monies are received through The Ohio State University Research Foundation and the Engineering Experiment Station of The Ohio State University:

NOW THEREFORE

**REPORT OF RESEARCH CONTRACTS AND GRANTS (contd)**

BE IT RESOLVED, That the research agreement between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the reports from the Engineering Experiment Station during the months of November and December 1992 be approved.

Upon motion of Mr. Celeste, seconded by Ms. Casto, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

Summary

NOVEMBER 1992

<u>Source</u>	<u>7/1/91-11/30/91</u>	<u>7/1/92-11/30/92</u>	<u>November 1992</u>
The Ohio State University Research Foundation	\$ 67,122,968.34	\$ 69,510,384.80	\$ 6,517,652.24
Engineering Experiment Station	\$ 2,911,702.00	\$ 3,687,108.00	\$ 638,504.00

DECEMBER 1992

<u>Source</u>	<u>7/1/91-12/31/91</u>	<u>7/1/92-12/31/92</u>	<u>December 1992</u>
The Ohio State University Research Foundation	\$ 84,426,416.62	\$ 81,675,032.34	\$12,164,647.54
Engineering Experiment Station	\$ 3,361,502.00	\$ 4,766,731.00	\$ 1,079,623.00

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**HOSPITALS BOARD COMMITTEE REPORT**

Mr. Celeste:

I would like to say that I am pleased that Mr. Skestos has joined the Hospitals Board operation and I will be passing the report on to him for the next formal report.

The Strategic Planning Committee met on January 28. The meeting began with a summary of the November 19 retreat at which Board members reaffirmed our goal of becoming one of the nation's top ten academic medical centers by the year 2000, and reached consensus on the necessity for restructuring of the faculty and generating resources to increase our research capabilities. The Committee discussed possible future environmental forces and cooperative actions that can be taken by the Hospitals and the College of Medicine. Cathy Bruno presented a market and service analysis and Jerry Maier gave an overview of the Hospitals' Outreach Strategic Plan to maintain local and regional market share positions.

February 4, 1993 meeting, Board of Trustees

### **HOSPITALS BOARD COMMITTEE REPORT (contd)**

Mr. Celeste: (contd)

The Hospitals Board also met on January 28. We reviewed the results of our annual self-assessment and the actions that have been initiated to strengthen our performance. The major agenda item was an in-depth discussion of management's recommendations related to acquisition of umbrella liability coverage in addition to the Hospitals' existing Self-Indemnification Fund. The Hospitals Board voted to purchase an excess coverage policy and to initiate planning for the establishment of a risk-bearing captive insurance company. A recommended plan for the captive will be presented to the Hospitals Board no later than January 1994.

Mr. Schrock reported the Hospitals' net patient revenue through December was within \$100,000 of budget, while expenses were approximately \$3.5 million under budget. Length of stay continued to decline in December, although the case mix (which reflects intensity of resource utilization) increased. At a future meeting we will review what determines the case mix index and how that impacts on the Hospitals' revenues.

We received a brief summary from the Hospitals' director of Communications and Public Affairs, and Mr. Fraley presented a photograph and report on implementation of the second SkyMed consortium helicopter. This concludes my report.

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### **INVESTMENTS COMMITTEE REPORT**

Amb. Wolf:

I would like to report that the Investments Committee reviewed the Monthly Endowment Summary Report for the period December 18, 1992 through January 15, 1993. The market value of the Endowment Fund on January 15, 1993 was \$444 million. This total was approximately \$8.8 million above the December 18, 1992 market value and represents an all-time high in the history of this University. The market value of the equity portion of the Endowment Fund increased \$8.4 million while the Fixed Income portion increased \$1.1 million during this reporting period. Net new additions to the Endowment Fund for January totalled \$2.5 million.

Since July 1, 1992, the Endowment Fund has increased over \$42.1 million, including new additions of \$11.3 million. The other increase was about a \$31 million increase in market value. The current asset allocation for the Endowment Fund is 58 percent invested in equities, 26 percent in fixed income, 8 percent in real estate, and 8 percent in cash equivalents. I would like to call your attention to the fact that we are reviewing these percentages. In a month or two we will come up either concurring to keep these percentages as they are or to recommend that the percentages be changed because of the indices in the market, such as the price earnings ratios, and the price of both ratios and the dividend yield of the S&P 500.

The Investments Committee next heard the Quarterly Endowment Report for December 31, 1992. It was a good six-month period and, as page three indicates, the Endowment's Equity and Fixed Income Advisors have both outperformed their corresponding benchmarks of the S&P 500 for the equities and Lehman

February 4, 1993 meeting, Board of Trustees

Government/Corporate Index for the fixed income.

**INVESTMENTS COMMITTEE REPORT (contd)**

Amb. Wolf: (contd)

We also reviewed in great detail the asset allocation of the Endowment Fund. At this juncture we are about in line with most of the Endowment Funds of the Big Ten Universities; however, we are examining whether those ratios should be changed.

The Investments Committee also heard the quarterly report on Total Cash and Investments for the University. This is a control account for the entire institution, not only the Endowment Fund. It was reported that the total of cash and investments for all accounts as of December 31, 1992 was \$873 million. This was an increase of \$146 million since June 30, 1992. The primary reasons for this increase came from a \$36 million increase in the University Endowment Fund and a \$77 million net increase in the University's Debt Service and Debt Construction Funds due to the issuance of General Receipts Bonds last fall.

In addition, the Committee discussed various financing scenarios for the River Road Hotel Corporation, which as you know is the University Ramada Inn operation. Our Committee felt uneasy with the presentation we reviewed. We asked the Treasurer to search out and present a broader array of specific proposals for refinancing, together with the pros and cons of each of the specific proposals, and we will review those at our next meeting and report back to this Board.

Finally, I am proud to say that the Investments Committee watched a video tape of an ABC nationally broadcasted news segment on the student investment class. It brought great visibility to the University, of course, and to the creative concepts it instituted. I must say, Mr. Chairman, that at your initiation the Student Investment Program did come along.

I also wanted to say that we reviewed and received the Development Report from Mr. Jerry May. I am pleased to report that during the first six months of 1992, the University received \$41.5 million in private gift support. This represents the largest amount of gifts ever received in a six-month period. The previous high was \$29.4 million -- which is no small amount itself -- and that was during July-December 1990.

As you can see from the report, giving is up 43 percent over the comparable period last year. The 36 percent increase in individual giving includes two irrevocable trusts totaling \$3 million, one current gift of \$1.2 million, and an estate settlement of \$1.1 million.

Corporate giving is up 94 percent largely due to a \$9 million gift-in-kind of cartoon art to University Libraries. This gift-in-kind has received meaningful publicity in the news media. The decrease in support from private foundations can be attributed to three major gifts totaling nearly \$1 million received last year not matched by comparable gifts thus far this year.

Giving in December also set a one-month record. For the month of December 1992, University Development received more than 25,000 individual gifts totaling \$21.4 million. This erased the previous one-month high of \$15.2 million received in December 1986.

**INVESTMENTS COMMITTEE REPORT (contd)**

Amb. Wolf: (contd)

Finally, it should be noted that of the \$41.5 million in gift receipts, only \$4.6 million or 11 percent of the total were payments made against previous campaign pledges that the University received. Therefore, nearly 90 percent of that \$41.5 million were new dollars resulting from new gifts.

Finally, Mr. Chairman, I would like to say that we have a resolution for approval by this Board. I would like to call on Jerry May, Vice President for Development and President of The Ohio State University Foundation, to review the contents of this resolution.

Mr. Jerry May:

Thank you, Amb. Wolf. If you would turn to the tab marked "Development," you'll notice the details of what I would like to recommend. Mr. Chairman, as part of the resolution, I would like to recommend that the Board recognize three now fully endowed chairs: The John J. Gerlach Chair, The Ralph W. Kurtz Chair in Finance, and The H. P. Wolfe Chair in Accounting. I would also like to recommend the establishment of the Raymond E. Mason, Jr., Designated Professorship in Military History. We are also recommending to the Board the establishment of 17 new endowed funds totaling \$1,611,941.07 in new restricted support to the University. And finally, I would like to recommend revisions to five already endowed funds.

Mr. Chairman, this resolution is presented in total for the approval of the Board.

**REPORT ON UNIVERSITY DEVELOPMENT**

Resolution No. 93-76

Synopsis: The report on the receipt of gifts and the summary for December 1992 are presented for Board acceptance.

WHEREAS monies are solicited and received on behalf of the University from alumni, industry, and various individuals in support of research, instructional activities, and service; and

WHEREAS such gifts are received through The Ohio State University Development Fund and The Ohio State University Foundation; and

WHEREAS the funding level has been reached to establish The John J. Gerlach Chair, The Ralph W. Kurtz Chair in Finance, and The H. P. Wolfe Chair in Accounting; and

WHEREAS funds have been received through the Development Fund to establish The Raymond E. Mason, Jr. Designated Professorship in Military History; and

WHEREAS this report includes the establishment of seventeen (17) new funds and amendments to five (5) existing endowment funds:

NOW THEREFORE

February 4, 1993 meeting, Board of Trustees

**REPORT ON UNIVERSITY DEVELOPMENT (contd)**

BE IT RESOLVED, That the acceptance of the report from The Ohio State University Development Fund and The Ohio State University Foundation during the month of December 1992 be approved.

Upon motion of Mr. Celeste, seconded by Mr. Shumate, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

Amb. Wolf:

I want to add, Mr. Chairman, that the Investments Committee has been very beneficial to the financial health of this University. A clear incidence of this has come about in the last six months, which I think is one of the reasons for the happy array of figures we were able to present today. We had \$17 million invested in an ESIF, which is an overseas european index fund. And because we didn't have a high comfort level with the way that fund was going, we took out the \$17 million and put it into a domestic fund which we thought would do well. The net result is that the one move -- the ESIF index went down and we would have lost about \$2.5 million of the \$17 million. By transferring it to the other fund, we increased it by \$2.5 or \$3 million. So one little move alone made a difference of almost \$5 million in the financial health of this University. I am just proud of our Investments Committee members and thank them for the input they give us at each meeting.

Mr. Scott:

Mr. Chairman, I would just like to make one note for the Board. If you will note in the report that Jerry presented, the former Associate to the Secretary of the Board, the late Faye Smith, and her husband, Professor Neal A. Smith, established a fund to create a Chair in Electrical Engineering in the amount of \$900,000. I think that some of you remember Faye serving as Associate to the Secretary of the Board for many years.

**REPORT ON UNIVERSITY DEVELOPMENT (contd)**

Summary

TOTAL UNIVERSITY PRIVATE SUPPORT

July-December  
1991 compared to 1992

GIFT RECEIPTS BY DONOR TYPE

	Dollars		
	July through December		
	<u>1991</u>	<u>1992</u>	<u>% Change</u>
Individuals:			
Alumni (Current Giving)	\$ 6,649,728	\$ 9,089,130	37
Alumni (From Bequests)	<u>1,117,759</u>	<u>1,964,038</u>	76
Alumni Total	\$ 7,767,487	\$11,053,168	42

February 4, 1993 meeting, Board of Trustees

**REPORT ON UNIVERSITY DEVELOPMENT (contd)**

Summary (contd)

Non-Alumni (Current Giving)	\$ 4,217,225	\$ 5,026,380	19
Non-Alumni (From Bequests)	<u>1,162,413</u>	<u>1,860,535</u>	60
Non-Alumni Total	\$ 5,379,638	\$ 6,886,915	28
Individual Total	\$13,147,125	\$17,940,083	36
Corporations/Corp. Foundations	\$ 9,476,670	\$18,406,455	94
Private Foundations	\$ 4,018,227	\$ 2,883,407	(28)
Associations & Other Organizations	<u>\$ 2,427,304</u>	<u>\$ 2,248,689</u>	(7)
TOTAL	\$29,069,326	\$41,478,634	43

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Establishment of Named Chairs

The John J. Gerlach Chair	\$1,250,000.00
The Ralph W. Kurtz Chair in Finance	\$1,250,000.00
The H. P. Wolfe Chair in Accounting	\$1,250,000.00

Establishment of Designated Professorship

The Raymond E. Mason, Jr. Designated Professorship in Military History	\$ 30,000.00
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Establishment of Named Funds

The Neal A. Smith Chair Fund in Electrical Engineering	\$ 900,000.00
The Margo Jones Medal Endowment Fund (Library)	\$ 100,000.00

Establishment of Named Funds (contd)

The Alfred Nelson and Elizabeth Dixon Watson Cancer Research Endowment Fund	\$ 100,000.00
The Elizabeth D. Gee Memorial Endowment Fund For Cancer Education and Research	\$ 47,804.81
The David H. George Chemical Engineering Scholarship Fund	\$ 25,000.00
The Muriel Kahler Hoge, Hamilton Hoge and Edward Kahler Scholarship Fund (Scholarships - residents of Hardin County, Ohio) 25,000.00	\$
The State Farm Insurance & Business Scholarship Fund (Scholarships - Newark Campus)	\$ 19,000.00

**REPORT ON UNIVERSITY DEVELOPMENT (contd)**

Summary (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Bea Cleveland 4-H Scholarship Fund (Scholarships- Human Ecology)	\$ 18,000.00
The William R. Wallace Dental Research Scholarship Fund (Scholarships - third-year dental student)	\$ 16,686.26
The Ohio Pest Control Association Scholarship Fund (Scholarships - urban entomology)	\$ 15,450.00
The Dr. William L. Berson Food Science and Technology Fund (Support research and educational programs)	\$ 15,000.00
The John L. Ryant Memorial 4-H Agriculture Scholarship Fund (Scholarships - incoming freshman from Delaware County)	\$ 15,000.00
The Class of 1941 Mechanical Engineering Scholarship Fund	\$ 15,000.00
The Doris Eckfeld Elliot Scholarship Fund in the College of Human Ecology (Graduate tuition scholarship)	\$ 15,000.00

Change in Name of Named Fund

From: The Paul N. Lehoczky Memorial Fund  
To: The Paul N. and Thelma M. Lehoczky Memorial Fund

Change in Name and Description of Named Funds

From: Francis W. Davis Fellowship for the Department of Photography and Cinema  
To: The Francis W. Davis Fellowship for Cinema  
From: Charles Lichenstein Memorial Award Fund  
To: The Charles G. Lichtenstein Memorial Award Fund  
From: The Alga D. "Peg" Weaver Honor Scholarship in Home Economics  
To: The Alga "Peg" Weaver 4-H Scholarship Fund

Change of Description of Named Fund

The John M. Shepherd Athletic Scholarship Fund

THE OHIO STATE UNIVERSITY FOUNDATION

Approval of Description and Establishment of Funds

The Kent Distinguished Scholarship Fund  
(Merit scholarships for Kent Distinguished Scholars in Accounting)  
\$219,000.00

February 4, 1993 meeting, Board of Trustees

February 4, 1993 meeting, Board of Trustees

**REPORT ON UNIVERSITY DEVELOPMENT (contd)**

THE OHIO STATE UNIVERSITY FOUNDATION (contd)

Approval of Description and Establishment of Funds (contd)

The Alonzo H. Tuttle Memorial Scholarship Fund (Scholarships - College of Law)	\$ 50,000.00
The John and Rose Barone "Whiz Kid Investors" Fund (College of Business - benefit students in the Student Investment Management Program)	\$ 16,000.00

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

ESTABLISHMENT OF NAMED CHAIRS

The John J. Gerlach Chair

In accordance with the guidelines previously established by the Board, The John J. Gerlach Chair Fund was established December 9, 1982, through funds received by the University from the family and friends of John J. Gerlach (B.S.Bus.Adm. '23; M.A. '23). The fund was revised October 6, 1989. The funding level has been reached and the Chair was established February 4, 1993.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide support for the work of a distinguished teacher and scholar of accounting in the College of Business. Appointment to the Gerlach Chair shall be recommended by the Dean of the College of Business to the Vice President for Academic Affairs and Provost and approved by The Ohio State University Board of Trustees.

\$1,250,000.00

The Ralph W. Kurtz Chair in Finance

In accordance with the guidelines previously established by the Board, The Ralph W. Kurtz Chair in Finance Fund was established October 2, 1992, through funds received by the University from Helen C. and Ralph W. Kurtz (B.M.E., 1923) for the support of the College of Business. The funding level has been reached and the Chair was established February 4, 1993.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be distributed to the College of Business to support the teaching and research of The Ralph W. Kurtz Chair in Finance. The Chair shall be an internationally recognized scholar in Finance. Appointment to the Chair shall be recommended by the Dean of the College of Business to the Provost and approved by The Ohio State University Board of Trustees.

\$1,250,000.00

February 4, 1993 meeting, Board of Trustees

**REPORT ON UNIVERSITY DEVELOPMENT (contd)**

THE OHIO STATE UNIVERSITY DEVELOPMENT (contd)

ESTABLISHMENT OF NAMED CHAIRS (contd)

The H. P. Wolfe Chair in Accounting

In accordance with the guidelines previously established by the Board, The H. P. Wolfe Chair in Accounting Fund was established June 2, 1989, through funds received by the University from Wolfe Associates, Inc. The fund was revised August 23, 1989. The funding level has been reached and the Chair was established February 4, 1993.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to support the search for and maintenance of The H. P. Wolfe Chair in Accounting. When the H. P. Wolfe Chaired Professor has been appointed, the annual income shall be used to provide salary and program support in the Department of Accounting and Management Information Systems of the College of Business. Appointment to the H. P. Wolfe Chair shall be recommended by the Dean of the College of Business to the Provost and approved by The Ohio State University Board of Trustees. The holder will report annually to the donor's designees on the goals, objectives, and plans for the chair in the upcoming academic year. These yearly reports shall describe also the use of all fund earnings, past and projected, over the same two-year period.

\$1,250,000.00

ESTABLISHMENT OF DESIGNATED PROFESSORSHIP

The Raymond E. Mason, Jr.  
Designated Professorship in Military History

The Raymond E. Mason, Jr. Designated Professorship in Military History was established February 4, 1993, by the Board of Trustees of The Ohio State University with a pledge of \$30,000 per year for five years from Raymond E. Mason (B.S.Bus.Adm. '41) and the first annual gift having been received.

The annual gift shall be used to provide support for the work of a Professor in Military History recommended by the Director of the Mershon Center through the Vice Provost for International Affairs to the Provost, and approved by the Board of Trustees.

The designated professorship may be renewed at the prevailing amount and term at the time of renewal.

\$30,000.00

Establishment of Named Funds

February 4, 1993 meeting, Board of Trustees

## **REPORT ON UNIVERSITY DEVELOPMENT (contd)**

### THE OHIO STATE UNIVERSITY DEVELOPMENT (contd)

#### Establishment of Named Funds (contd)

##### The Neal A. Smith Chair Fund in Electrical Engineering

The Neal A. Smith Chair Fund in Electrical Engineering was established February 4, 1993, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from the estates of Neal A. Smith (B.S.E.E. '41; M.S., Electrical Engineering, 1947), Professor Emeritus, Electrical Engineering, and Faye L. Smith (B.S.Ed. '39; M.A., Education, 1952), Assistant to the Secretary Emeritus of the Board of Trustees.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be returned to principal until such time as the fund reaches \$1.25 million, the minimum required to endow a chair. Upon attaining the required funding level, ninety percent (90%) of the annual income shall be used to attract, provide salary and program support, and retain an internationally recognized scholar in electrical engineering, with emphasis on Professor Neal A. Smith's specialty, power systems engineering. Appointment to the Neal A. Smith Chair shall be recommended by the Chairperson of the Department of Electrical Engineering to the Dean of the College of Engineering and to the Provost, and approved by the Board of Trustees. Ten percent (10%) of the annual income shall be reinvested in the principal.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donors.

\$900,000.00

##### The Margo Jones Medal Endowment Fund

The Margo Jones Medal Endowment Fund was established February 4, 1993, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from the estate of J. B. Tad Adoue III, business manager and board member of Margo Jones' Theatre in Dallas, Texas, and the Lawrence and Lee Foundation, in honor of the late Margo Jones, founder of one of the earliest regional professional theatres and champion of new plays and playwrights.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to support the administration and awarding of the annual Margo Jones Medal and prize. The recipient shall be an individual who (a) has made a lifetime commitment to the encouragement of living theatre in the United States; (b) has demonstrated an understanding and affirmation of the craft of playwriting; and (c) has contributed, in a significant manner, to the art of the living theatre.

February 4, 1993 meeting, Board of Trustees

**REPORT ON UNIVERSITY DEVELOPMENT (contd)**

THE OHIO STATE UNIVERSITY DEVELOPMENT (contd)

Establishment of Named Funds (contd)

The Margo Jones Medal Endowment Fund (contd)

The award recipient shall be selected by an award committee comprised of the Director of the Lawrence and Lee Theatre Research Institute; the Curator of the Lawrence and Lee Theatre Research Institute; David E. LeVine; Jerome Lawrence and Robert E. Lee, or their designated heirs; and the two most recent recipients of the medal. Nominations may be made or solicited by any member of the award committee. The Director and Curator of the Lawrence and Lee Theatre Research Institute shall serve as co-administrators of the committee. The committee shall select its own chair. Administrative and financial responsibility for the medal and prize shall reside with the Lawrence and Lee Theatre Research Institute. Any unexpended income in any given year shall be directed to the Jerome Lawrence and Robert E. Lee Theatre Research Institute Library Endowment Fund.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then the fund shall be incorporated into the Jerome Lawrence and Robert E. Lee Theatre Research Institute Library Endowment Fund.

\$100,000.00

The Alfred Nelson and Elizabeth Dixon Watson  
Cancer Research Endowment Fund

The Alfred Nelson and Elizabeth Dixon Watson Cancer Research Endowment Fund was established February 4, 1993, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from the late Alfred Nelson Watson (B.A., Arts and Sciences, 1931; M.S., Biological Sciences, 1932; Ph.D., Biological Sciences, 1934) and his wife, Elizabeth Dixon Watson (B.A., English, 1934; B.S.Ed. '34) of Columbus, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used by The Arthur G. James Cancer Hospital and Research Institute for research into the causes, prevention, and treatment of cancer as approved by the Director of The Arthur G. James Cancer Hospital and Research Institute and the Vice President for Health Services.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the Director of The Arthur G. James Cancer Hospital and Research Institute and the Vice President for Health Services in order to carry out the desire of the donors.

\$100,000.00

February 4, 1993 meeting, Board of Trustees

**REPORT ON UNIVERSITY DEVELOPMENT (contd)**

THE OHIO STATE UNIVERSITY DEVELOPMENT (contd)

Establishment of Named Funds (contd)

The Elizabeth D. Gee Memorial Endowment Fund  
for Cancer Education and Research

The Elizabeth D. Gee Memorial Endowment Fund for Cancer Education and Research was established February 4, 1993, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund in memory of Elizabeth D. Gee.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to support cancer education and research programs in The Arthur G. James Cancer Hospital and Research Institute as approved by the Director of The Arthur G. James Cancer Hospital and Research Institute and the Vice President for Health Services.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the Director of The Arthur G. James Cancer Hospital and Research Institute and the Vice President for Health Services in order to carry out the desire of the donors.

\$47,804.81

The David H. George Chemical Engineering  
Scholarship Fund

The David H. George Chemical Engineering Scholarship Fund was established February 4, 1993, by the Board of Trustees of The Ohio State University with a gift in memory of David H. George (B.Ch.E. '48).

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to attract and to retain students who have successfully combined extracurricular University-based or community service activities with challenging academic study as evidenced by their major in chemical engineering. Entering first-year, as well as upper level students, shall be considered for these scholarships. Recipients shall be named annually, but may be eligible to compete for renewed awards. If and when a David H. George Chair in Chemical Engineering is established at the University, the chairholder shall be responsible for the selection of these awards in consultation with the Department of Chemical Engineering Scholarship Committee.

The David H. George Chair shall be expected also to serve as advisor and mentor for each of these undergraduate recipients. In the absence of the David H. George Chair, the Department of Chemical Engineering chairperson shall make the selections. The University Committee on Student Financial Aid shall be informed of all selections.

February 4, 1993 meeting, Board of Trustees

**REPORT ON UNIVERSITY DEVELOPMENT (contd)**

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The David H. George Chemical Engineering  
Scholarship Fund (contd)

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

\$25,000.00

The Muriel Kahler Hoge, Hamilton Hoge and  
Edward Kahler Scholarship Fund

The Muriel Kahler Hoge, Hamilton Hoge and Edward Kahler Scholarship Fund was established February 4, 1993, by the Board of Trustees of The Ohio State University, with a gift to The Ohio State University Development Fund from the estate of Muriel M. Hoge of Kenton, Ohio, in memory of her father, husband and herself.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide scholarships for room, board, and tuition for students attending Ohio State and pursuing an undergraduate degree, and who are legal residents of Hardin County, Ohio, and who have graduated from either Kenton Senior High School, Ada High School, or any of the other public high schools attended by residents of Hardin County, Ohio, and which are under the administrative control of the Hardin County Board of Education or its successor. Students receiving such scholarships shall be selected by the University Committee on Student Financial Aid and shall be based on the factors of scholastic merit and achievement. The financial need of the student may also be considered when determining recipients. The scholarships or grants shall be awarded in substantial amounts to a fewer number of students, rather than relatively small amounts to a greater number of students. No student shall be awarded or granted a scholarship for more than four (4) academic school years.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

\$25,000.00

The State Farm Insurance & Business  
Scholarship Fund

The State Farm Insurance & Business Scholarship Fund was established February 4, 1993, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from the State Farm Insurance Companies (Ohio Region), Newark, Ohio.

February 4, 1993 meeting, Board of Trustees

**REPORT ON UNIVERSITY DEVELOPMENT (contd)**

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The State Farm Insurance & Business  
Scholarship Fund (contd)

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide scholarships at The Ohio State University Newark Campus for those who have either experience or an interest in developing a career in insurance or related business emphasis including marketing, finance, or accounting. Award recipients should show some degree of academic prowess and the ability to successfully pursue academic studies at the college level. The selection of the scholarship recipients shall be made by The Ohio State University Newark Campus Scholarship Committee in coordination with the University Committee on Student Financial Aid.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

\$19,000.00

The Bea Cleveland 4-H Scholarship Fund

The Bea Cleveland 4-H Scholarship Fund was established February 4, 1993, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Beatrice J. Cleveland (B.S.H.E. '42), Columbus, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to support one scholarship, not to exceed \$1,000, to be awarded annually to a 4-H member who is a senior in high school during the year of application. Applicants must be committed to a profession in Human Ecology and planning to enroll as a freshman, autumn quarter of the current year at The Ohio State University, Columbus campus. The scholarship shall be equally divided and awarded for three consecutive quarters providing the recipient maintains a minimum GPA required for admission to the College of Human Ecology. Should the annual income exceed \$1,000, the unused income shall be applied to the principal balance until the annual income is sufficient to award an additional scholarship of a like amount, under the same conditions. In the event there are no qualified applicants, unused income shall be applied to the principal balance. The recipient(s) of the scholarship shall be determined by the Ohio 4-H Awards Committee on an annual basis in consultation with the University Committee on Student Financial Aid.

February 4, 1993 meeting, Board of Trustees

**REPORT ON UNIVERSITY DEVELOPMENT (contd)**

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Bea Cleveland 4-H Scholarship Fund (contd)

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be determined by the Board of Trustees with first preference being given to the recommendation of the Ohio State 4-H Leader, Assistant Director Ohio State University Extension.

\$18,000.00

The William R. Wallace Dental Research Scholarship Fund

The William R. Wallace Dental Research Scholarship Fund was established February 4, 1993, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from alumni and friends of William R. Wallace (D.D.S, 1956, M.S., Pathology, 1962), Dean of The Ohio State University College of Dentistry, 1981-1991.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide scholarship funds each year for a third-year dental student to be selected at the end of his/her second year. Selection shall be based on outstanding achievement in the College of Dentistry's student research program. Selection of the scholarship recipient shall be made by a College of Dentistry faculty committee in consultation with the Dean of the College of Dentistry and the University Committee on Student Financial Aid.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donors.

\$16,686.26

The Ohio Pest Control Association Scholarship Fund

The Ohio Pest Control Association Scholarship Fund was established February 4, 1993, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from members of the Ohio Pest Control Association in honor of past presidents, officers, and members, living and deceased.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

February 4, 1993 meeting, Board of Trustees

**REPORT ON UNIVERSITY DEVELOPMENT (contd)**

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Ohio Pest Control Association Scholarship Fund (contd)

The annual income shall be used to provide one or more merit scholarships or fellowships in urban entomology, with preference given to students who are members of the Ohio Pest Control Association, or spouses, or children of members. Students shall be selected to receive awards based upon the recommendation of the Chairperson, Department of Entomology, and in consultation with the University Committee on Student Financial Aid as a result of a selection process through the Department of Entomology Awards Committee which shall consider the students' expressed interest in urban entomology and academic achievement.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donors.

\$15,450.00

The Dr. William L. Berson Food Science  
and Technology Fund

The Dr. William L. Berson Food Science and Technology Fund was established February 4, 1993, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Dr. William L. Berson (B.S.Agr. '43; M.D. '50).

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to support research and educational programs within the Department of Food Science and Technology, or its successor administrative unit(s). Utilization of income from this endowment shall be at the discretion of the Chairperson of the Department of Food Science and Technology with concurrence by the Vice President for Agricultural Administration.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

\$15,000.00

The John L. Ryant Memorial 4-H Agriculture  
Scholarship Fund

The John L. Ryant Memorial 4-H Agriculture Scholarship Fund was established February 4, 1993, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from his niece, Beatrice J. Cleveland (B.S.H.E. '42), Columbus, Ohio.

February 4, 1993 meeting, Board of Trustees

**REPORT ON UNIVERSITY DEVELOPMENT (contd)**

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The John L. Ryant Memorial 4-H Agriculture  
Scholarship Fund (contd)

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to support one scholarship, not to exceed \$1,000, to be awarded annually to an incoming freshman enrolled in the College of Agriculture, preferably from Delaware County, who is a current or former 4-H member, and who has demonstrated qualities of leadership.

The scholarship shall be equally divided and awarded for three consecutive quarters providing the recipient maintains a minimum GPA required for admission to the College of Agriculture. Any unused income shall be applied to the principal balance until the annual income is sufficient to award an additional scholarship of a like amount, under the same conditions. In the event there are no qualified applicants, the unused income shall be added to the principal balance. The recipient(s) of the scholarship shall be determined by the Ohio 4-H Awards Committee on an annual basis in consultation with the University Committee on Student Financial Aid.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees with strong preference being given to the recommendation of the Ohio State 4-H Leader, Assistant Director Ohio State University Extension.

\$15,000.00

The Class of 1941 Mechanical Engineering  
Scholarship Fund

The Class of 1941 Mechanical Engineering Scholarship Fund was established February 4, 1993, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Mechanical Engineering graduates within the University's Class of 1941.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

Eighty percent (80%) of the annual income shall be used to support one or more scholarships for outstanding students studying mechanical engineering. The Chairperson of the Department of Mechanical Engineering shall be responsible for selecting the recipients in consultation with the Dean of the College of Engineering and in cooperation with the University Committee on Student Financial Aid. The remaining twenty percent (20%) of the annual income and any other unused income shall be added to the fund's principal.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donors.

\$15,000.00

February 4, 1993 meeting, Board of Trustees

## **REPORT ON UNIVERSITY DEVELOPMENT (contd)**

### THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

#### Establishment of Named Funds (contd)

##### The Doris Eckfeld Elliot Scholarship Fund in the College of Human Ecology

The Doris Eckfeld Elliot Scholarship Fund in the College of Human Ecology was established February 4, 1993, by the Board of Trustees of The Ohio State University in memory of Doris Eckfeld Elliot (Fulton) with gifts to The Ohio State University Development Fund from the children of Doris Eckfeld Elliot (B.S.H.E. '35; M.S., Biochemistry, 1938).

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used for a graduate tuition scholarship(s) for students enrolled in the College of Human Ecology. Preference shall be given to a single parent with custody of a minor child(ren) who has discontinued their education for five or more years; who has financial need; who has demonstrated academic excellence, service and commitment to a career in Home Economics/Human Ecology; and who has a potential for leadership. It is the intention of the donors to assist individual adult graduate students in reaching graduation. Any unused income (no less than one-third) shall be returned to principal. Selection shall be made by the Dean of the College of Human Ecology, or his/her appointee, in consultation with the University Committee on Student Financial Aid.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist it should be used for a scholarship for a graduate student enrolled in the Colleges of the Arts or Social and Behavioral Sciences. If the need for this fund should so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer who is directly responsible for Human Ecology graduate student education or Arts and Sciences graduate education in order to carry out the desire of the donors.

\$15,000.00

#### Change in Name of Named Fund

##### The Paul N. and Thelma M. Lehoczky Memorial Fund

The Paul N. Lehoczky Memorial Fund was established January 9, 1976, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund by alumni, friends and family in memory of Paul N. Lehoczky (M.S., Mechanical Engineering, 1928; Ph.D., Mechanical Engineering, 1931), Professor in the Department of Industrial and Systems Engineering from 1928 to 1965 and Chairman from 1944 to 1964. At the request of the family and the Industrial and Systems Engineering faculty, the name of the fund was revised February 4, 1993.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

February 4, 1993 meeting, Board of Trustees

## **REPORT ON UNIVERSITY DEVELOPMENT (contd)**

### THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

#### Change in Name of Named Fund (contd)

##### The Paul N. and Thelma M. Lehoczky Memorial Fund (contd)

The annual income shall be used to attract funded research and to support development projects within the department, including grants to faculty, research personnel, and equipment and supplies. Requests for expenditure of funds shall be initiated by the Chairperson of the Department of Industrial and Systems Engineering and approved by the Dean of the College of Engineering.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donors.

#### Change in Name and Description of Named Funds

##### The Francis W. Davis Fellowship for Cinema

The Francis W. Davis Fellowship for the Department of Photography and Cinema was established September 2, 1983, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University from Agnes Turner Davis (B.S.H.E. '30). The name of the fund and description were revised February 4, 1993.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used for a graduate fellowship in cinema or video with preference being given to a qualified student whose major area is studio, laboratory, historical, or theoretical studies in cinema or in video. The fellowship shall be awarded to an outstanding student with the potential for making a significant contribution to the field, and shall be given only when all conditions are met. The selected student must be an enrolled candidate for the Master of Arts degree in cinema, recommended by the Graduate Committee of the Department of Theatre, and approved by the Chairperson of the Department of Theatre and the Dean of the College.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer responsible for cinema studies in order to carry out the desire of the donor.

##### The Charles G. Lichtenstein Memorial Award Fund

The Charles Lichtenstein Memorial Award Fund was established September 11, 1969, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Abba and Cecile Lichtenstein and family in memory of their son and brother, Charles G. Lichtenstein. The name and description were revised February 4, 1993, at the request of the Lichtenstein family.

February 4, 1993 meeting, Board of Trustees

## **REPORT ON UNIVERSITY DEVELOPMENT (contd)**

### THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

#### Change in Name and Description of Named Funds (contd)

##### The Charles G. Lichtenstein Memorial Award Fund (contd)

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used primarily to encourage the pursuit of graduate civil engineering degrees at The Ohio State University. Selection preference shall be given to U.S. born, Ohio State senior-year students who have been accepted into the University's graduate program. Women and other underrepresented populations within the civil engineering profession shall be granted additional consideration. A secondary use for the annual income shall be the recognition of teaching and research excellence among the University's civil engineering faculty. The Chairperson of the Department of Civil Engineering shall be responsible for the annual income's allocation and award selection. The Chair shall avoid considering previous faculty recipients of these awards, except in extraordinary circumstances. Notification of awards to the Lichtenstein family is expected.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be determined by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donors.

##### The Alga "Peg" Weaver 4-H Scholarship Fund

The Alga D. "Peg" Weaver Honor Scholarship in Home Economics was established September 3, 1982, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Alga D. "Peg" Weaver, her family and friends. The name of the fund and description were revised February 4, 1993.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to grant at least one scholarship with earnings up to \$1,200 to be awarded for three (3) consecutive quarters providing the recipient maintains a minimum GPA of 2.0 or above on a 4.0 scale. Should the earnings exceed \$1,200, a second scholarship shall be awarded following the same guidelines as the first scholarship. Applicants must be 4-H members, seniors in high school during the year of application, committed to a profession in home economics and planning to enroll as freshmen at The Ohio State University Columbus campus, branches and satellites. The award shall be given in "voucher" form, to be used for academic, supplies and books only. If no applicant is found, then the scholarship may be awarded to a student currently enrolled (continuing education students included) in home economics at The Ohio State University Columbus campus, branches and satellites. Award recipients shall be selected by the 4-H Awards Selection Committee in consultation with the scholarship coordinators of the College of Agriculture and the College of Human Ecology and the University Committee on Student Financial Aid.

February 4, 1993 meeting, Board of Trustees

## **REPORT ON UNIVERSITY DEVELOPMENT (contd)**

### THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

#### Change in Name and Description of Named Funds (contd)

##### The Alga "Peg" Weaver 4-H Scholarship Fund (contd)

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the Director for the Ohio State University Extension in consultation with a committee representing the local 4-H donors in order to carry out the desire of the donor.

#### Change of Description of Named Fund

##### The John M. Shepherd Athletic Scholarship Fund

The John M. Shepherd Athletic Scholarship Fund was established July 7, 1989, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from John M. Shepherd (B.Cer.E. '58, M.B.A. '59) of Cincinnati, Ohio. The description was revised February 4, 1993.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to supplement the grant-in-aid scholarship costs of qualified student athletes pursuing undergraduate degrees at The Ohio State University who are members of the men's varsity basketball team. Preference shall be given to members of the team who are graduates of Ohio high schools. If no Ohio high school graduates are members of the team, the award may go to other members of the men's varsity basketball team. Recipients shall be selected by the Director of Athletics in consultation with the University Committee on Student Financial Aid.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the Director of Athletics in order to carry out the desire of the donor.

### THE OHIO STATE UNIVERSITY FOUNDATION

#### Approval of Description and Establishment of Funds

##### The Kent Distinguished Scholarship Fund

The Kent Distinguished Scholarship Fund was established February 4, 1993, by the Board of Trustees of The Ohio State University through funds received by the University from The Ohio State University Foundation, which has established an endowed fund with an initial gift funding to The Ohio State University Foundation from Ralph Kent (B.S., Accounting, 1937) and Betty Kent (w. 1939), Harbor Springs, Michigan, and Longboat Key, Florida.

February 4, 1993 meeting, Board of Trustees

**REPORT ON UNIVERSITY DEVELOPMENT (contd)**

THE OHIO STATE UNIVERSITY FOUNDATION (contd)

Approval of Description and Establishment of Funds (contd)

The Kent Distinguished Scholarship Fund (contd)

The annual income and principal, if needed, as provided by the Foundation shall be used to provide merit scholarships for Kent Distinguished Scholars in Accounting. It is anticipated that the endowment principal, when fully funded, will provide each year sufficient distributable income to fund tuition, room and board for five students annually on a continuing basis. Recipients shall be students majoring or planning to major in Accounting. Annually, any prior year's income which was not awarded shall be added to the fund's principal. It is the desire of the donors that students be selected as freshmen and continued through their senior year so long as they continue as Distinguished Scholars and continue in Accounting. Should the Accounting major become a five-year program, as is now anticipated, recipients shall be continued for their fifth year.

It is the hope of the donors that recipients will give strong consideration to the accounting honors program and accounting internships, especially the internships offered by Ernst & Young. The scholarship will be administered by the Department of Accounting in cooperation with the University Honors Center and in consultation with the University Committee on Student Financial Aid. The Dean of the College of Business will have a continuing oversight role on the operation of the Kent Scholarship program.

Kent Distinguished Scholars shall be selected through the University initiative to recruit National Merit and National Achievement Scholars. Once these Scholars have confirmed acceptance at Ohio State, a Kent Scholar shall be named from the pool of candidates based on the above criteria. Should the recipient maintain eligibility as a Distinguished Scholar, but change from Accounting, then the University shall fund the student from other sources and a new Kent Distinguished Scholar would be named. Each year, any unused income shall be transferred to the endowment principal.

The merit scholarship initiative is the result of recommendations from the 1990 University Task Force on Undergraduate Recruitment and the 1990-1991 Undergraduate Recruitment Implementation Steering Committee to the Senior Vice President for Academic Affairs and Provost. Students shall be selected based upon the criteria sanctioned by the Senior Vice President for Academic Affairs and Provost.

\$219,000.00

The Alonzo H. Tuttle Memorial Scholarship Fund

The Alonzo H. Tuttle Memorial Scholarship Fund was established February 4, 1993, by the Board of Trustees of The Ohio State University through funds received by the University from The Ohio State University Foundation, which has established an endowed fund with gifts designated for the support of the College of Law from Carter C. Kissell (B.A., Arts & Sciences, 1925; J.D., 1927).

Income provided by the Foundation shall be distributed to the College of Law to be used to provide scholarships for students enrolled in the College of Law. Selection of the scholarship recipient(s) shall be made by the Dean of the College of Law, or his/her designee, in consultation with the University Committee on Student Financial Aid.

\$50,000.00

February 4, 1993 meeting, Board of Trustees

**REPORT ON UNIVERSITY DEVELOPMENT (contd)**

THE OHIO STATE UNIVERSITY FOUNDATION (contd)

Approval of Description and Establishment of Funds (contd)

The John and Rose Barone "Whiz Kid Investors" Fund

The John and Rose Barone "Whiz Kid Investors" Fund was established February 4, 1993, by the Board of Trustees of The Ohio State University through funds received by the University from The Ohio State University Foundation, which has established an endowed fund with gifts designated for the support of the College of Business from John and Rose Barone of Toledo, Ohio.

Income provided by the Foundation shall be distributed to the College of Business to benefit students in the Student Investment Management Program, with preference given to students with financial need from Northwest Ohio.

\$16,000.00

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**ACADEMIC AFFAIRS COMMITTEE REPORT**

Mr. Kessler:

The Academic Affairs Committee met this morning and heard a very interesting report from Associate Provost Ed Ray and Vice President Bill Shkurti on Academic Planning and Budget Priorities. The Committee is also recommending the following resolutions:

**RESTRUCTURING OF ACADEMIC SUPPORT UNITS**

Resolution No. 93-77

Synopsis: The Academic Affairs Committee recommended the combining of the Office of Admissions and the Office of Student Financial Aid and designating the combined office as the Office of Admissions and Financial Aid; the reporting lines of the Office of Continuing Education be redirected to University College; the Center for Teaching Excellence become the Center for Instructional Resources and the reporting line be redirected to the Office of Academic Computing; and the reporting line for the Young Scholars Program be redirected to the Office of Minority Affairs.

WHEREAS the Office of Admissions is responsible for administering admission to the University; and the Office of Student Financial Aid is responsible for administering financial aid for all eligible University students; and

WHEREAS the Office of Continuing Education is responsible for entry level undergraduate education; and University College is responsible for incoming freshman education; and

WHEREAS the Center for Teaching Excellence is responsible for the support of teaching and classrooms; and the Office of Academic Computing is responsible for the technical support of teaching; and

February 4, 1993 meeting, Board of Trustees

**RESTRUCTURING OF ACADEMIC SUPPORT UNITS (contd)**

WHEREAS the Young Scholars Program is responsible for the recruitment of low income minority students; and the Office of Minority Affairs is responsible for the recruitment of minority students; and

WHEREAS the functions of the above offices have been restructured so as to provide an enhanced level of support and effectiveness at the direction of the Senior Vice President for Academic Affairs:

NOW THEREFORE

BE IT RESOLVED, That the name of the combined Office of Admissions and Office of Student Financial Aid be designated as the "Office of Admissions and Financial Aid,"; the Office of Continuing Education report to University College; the Center for Teaching Excellence be designated the "Center for Instructional Resources" and report to the Office of Academic Computing; and the Young Scholars Program report to the Office of Minority Affairs; and

BE IT FURTHER RESOLVED, That the Secretary of the Board of Trustees be hereby authorized and directed to incorporate the changes in the applicable sections of the Bylaws of the Board of Trustees and the Rules of the University Faculty.

Upon motion of Mr. Kessler, seconded by Mr. Shumate, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY**

Resolution No. 93-

78

Synopsis: The Academic Affairs Committee recommended the approval of the following amendments to the Rules of the University Faculty.

WHEREAS the University Senate pursuant to rule 3335-1-09 of the Administrative Code is authorized to recommend through the President to the Board of Trustees the adoption of amendments to the Rules of the University Faculty as approved by the University Senate; and

WHEREAS the proposed changes in the Rules of the University Faculty were approved by the University Senate on December 5, 1992:

Amended Rules

3335-5-47 Organizing committees of the senate.

(A) Unchanged.

(B) Membership.

- (1) The president shall appoint members of the administration; the council of graduate students, the inter-professional council, and the undergraduate student government shall select members of their own constituency using procedures adopted by their respective bodies. Faculty members of the steering committee (that is, the executive committee of

**AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)**

Amended Rules (contd)

the faculty council) shall be elected by the faculty council serving the following year. The slate of candidates shall be prepared by the outgoing members of the executive committee and shall include at least one more name than there are positions to be filled. Faculty members of other organizing committees shall be appointed by the executive committee of the faculty council. Names of potential committee members shall be solicited from the faculty council in writing.

Balance unchanged.

3335-5-472 Program Committee.

(A) Membership.

The program committee shall consist of nine members.

- (1) Four regular faculty, all of whom are members of the senate, appointed by the executive committee of the faculty council. The term of service is two years.

Balance unchanged.

3335-5-473 Rules committee.

(A) Membership.

The rules committee shall consist of ten members.

- (1) Six regular faculty, all of whom are members of the senate, appointed by the executive committee of the faculty council. The term of service is two years.

Balance unchanged.

3335-5-48 Standing and special committees of the senate.

(A) Unchanged.

(B) Membership.

- (1) Unchanged.
- (2) Unless otherwise specified by the rules, or by the senate, the president shall appoint members of the administration; the council of graduate students, the inter-professional council, and the undergraduate student government shall select members of their own constituency using procedures adopted by their respective bodies. A three-step process shall be followed in establishing the faculty membership of standing and special committees.
  - (a) The executive committee of the faculty council shall appoint senators to committees based, as nearly as possible, on written preferences provided by senators. If it is not possible for a senator to be appointed to his or her preferred committees, the senator will be contacted to determine whether any other committee assignment would be acceptable.

**AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)**

Amended Rules (contd)

- (b) Committee vacancies not filled by senators shall be filled through election by faculty council members serving the following year. The executive committee of the faculty council shall prepare a ballot based on nominations solicited in writing from the faculty. The ballot shall include at least one more name than there are positions to be filled.
- (c) The president shall be provided with the results of the processes described in (a) and (b) above and shall then fill any vacancies designated as presidential appointments.

Balance unchanged.

3335-5-481 Council on academic affairs.

(A) Membership.

The council on academic affairs shall consist of fourteen members.

- (1) Nine regular faculty.
  - (a) Five regular faculty, at least two of whom are members of the senate, appointed by the executive committee of the faculty council or elected by the faculty council in accordance with procedures specified in faculty rule 3335-5-48 (B)(2). The term of service is three years.
  - (b) Four regular faculty shall be appointed by the president. The term of service is three years.

Balance unchanged.

3335-5-482 The library council.

(A) Membership.

The library council shall consist of fifteen members.

- (1) Nine regular faculty appointed by the executive committee of the faculty council or elected by the faculty council in accordance with procedures specified in faculty rule 3335-5-48 (B)(2). The term of service is three years.
- (2) Four students.
  - (a) One graduate student selected by the council of graduate students. The term of service is one year.
  - (b) One professional student selected by the inter-professional council. The term of service is one year.
  - (c) Two undergraduate students selected by the undergraduate student government. The term of service is one year.

**AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)**

Amended Rules (contd)

- (3) Two administrators.
  - (a) The dean of the graduate school.
  - (b) The director of libraries.

Balance unchanged.

3335-5-483 Committee on university bookstores.

(A) Membership.

The committee on university bookstores shall consist of eleven members.

- (1) Five regular faculty, one of whom is a member of the university libraries, appointed by the executive committee of the faculty council or elected by the faculty council in accordance with procedures specified in faculty rule 3335-5-48 (B)(2). The term of service is three years.

Balance unchanged.

3335-5-484 Council on student affairs.

(A) Membership.

The council on student affairs shall consist of eighteen members.

- (1) Six regular faculty, at least two of whom are members of the senate, appointed by the executive committee of the faculty council or elected by the faculty council in accordance with procedures specified in faculty rule 3335-5-48 (B)(2). The term of service is three years.

Balance unchanged.

3335-5-485 Athletic council.

(A) The athletic council shall consist of fourteen members.

- (1) Eight regular faculty.
  - (a) Four regular faculty appointed by the executive committee of the faculty council or elected by the faculty council in accordance with procedures specified in faculty rule 3335-5-48 (B)(2). The term of service is four years with service commencing the first of July following appointment or election.
  - (b) Four regular faculty members appointed by the president. The term of service is four years with service commencing the first of July following appointment.

Balance unchanged.

**AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)**

Amended Rules (contd)

3335-5-486 Council on admission and registration.

(A) Membership.

The council on admission and registration shall consist of nineteen members.

(1) Nine regular faculty.

- (a) Three regular faculty appointed by the president for three-year terms. Appointed members are eligible for reappointment.
- (b) Six regular faculty, at least two of whom are senate members, appointed by the executive committee of the faculty council or elected by the faculty council in accordance with procedures specified in faculty rule 3335-5-48 (B)(2). The term of service is three years.

Balance unchanged.

3335-5-487 Committee on academic misconduct.

(A) Membership.

The committee on academic misconduct shall consist of thirty-four members.

- (1) Eighteen regular faculty appointed by the executive committee of the faculty council or elected by the faculty council in accordance with procedures specified in faculty rule 3335-5-48 (B)(2). The term of service is three years. No faculty member shall serve more than two consecutive terms.

Balance unchanged.

3335-5-488 Committee on honorary degrees.

(A) Membership.

The committee on honorary degrees shall consist of five members of the regular faculty appointed by the executive committee of the faculty council or elected by the faculty council in accordance with procedures specified in faculty rule 3335-5-48 (B)(2). The term of service is five years.

Balance unchanged.

3335-5-489 Committee on academic freedom and responsibility.

(A) Membership.

The committee on academic freedom and responsibility shall consist of eight members during autumn, winter, and spring quarters and ten members from June to the beginning of autumn quarter.

**AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)**

Amended Rules (contd)

- (1) Six regular faculty (eight during the summer period), all of whom are members of the senate, appointed by the executive committee of the faculty council. The term of service begins in the summer quarter following election and extends through the summer quarter following the third year of service.
- (2) Two graduate teaching, research, or administrative associates selected by the council of graduate students. The term of service is one year.

Balance unchanged.

3335-5-4810 Faculty hearing committee.

(A) Membership.

The faculty hearing committee shall consist of twelve tenured members of the regular faculty appointed by the executive committee of the faculty council or elected by the faculty council in accordance with procedures specified in faculty rule 3335-5-48 (B)(2). Each elected person shall serve a four-year term as a regular member followed by a one-year term as an alternate member.

Balance unchanged.

3335-5-4811 Fiscal committee.

(A) Membership.

The fiscal committee shall consist of sixteen members.

- (1) Eight regular faculty members.
  - (a) Six regular faculty, at least two of whom are members of the senate, appointed by the executive committee of the faculty council or elected by the faculty council in accordance with procedures specified in faculty rule 3335-5-48 (B)(2). The term of service is three years.
  - (b) Two regular faculty appointed by the president. The term of service is three years.

Balance unchanged.

3335-5-4812 Faculty compensation and benefits committee.

(A) Membership.

The faculty compensation and benefits committee shall consist of fifteen members.

- (1) Twelve regular faculty, at least two of whom are members of the senate, appointed by the executive committee of the faculty council or elected by the faculty council in accordance with procedures specified in faculty rule 3335-5-48 (B)(2). The term of service is three years.

February 4, 1993 meeting, Board of Trustees

**AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)**

Amended Rules (contd)

Balance unchanged.

3335-5-4813 Legislative affairs committee.

(A) Membership.

The legislative affairs committee shall consist of seven members.

- (1) Three regular faculty appointed by the executive committee of the faculty council or elected by the faculty council in accordance with procedures specified in faculty rule 3335-5-48 (B)(2). The term of service is three years.

Balance unchanged.

3335-5-4814 Research committee.

(A) Membership.

The research committee shall consist of twenty-six members.

- (1) Sixteen faculty.
  - (a) Ten regular faculty to be determined by the established procedures of the council on research and graduate studies. Faculty must be members of the council on research and graduate studies and represent the ten areas of the graduate school. The term of service is two years.
  - (b) Six regular faculty appointed by the executive committee of the faculty council or elected by the faculty council in accordance with procedures specified in faculty rule 3335-5-48 (B)(2). Of these six, one member must serve on a regional campus and no more than one member may be from any individual college. The term of service is three years.

Balance unchanged.

3335-5-4815 Committee on traffic, parking, and public safety.

(A) Membership.

The committee on traffic, parking, and public safety shall consist of seventeen members.

- (1) Six regular faculty appointed by the executive committee of the faculty council or elected by the faculty council in accordance with procedures specified in faculty rule 3335-5-48 (B)(2). The term of service is three years.

Balance unchanged.

February 4, 1993 meeting, Board of Trustees

**AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)**

Amended Rules (contd)

3335-5-4816 Committee on women and minorities.

(A) Membership.

The committee on women and minorities shall consist of thirteen members.

- (1) Six regular faculty appointed by the executive committee of the faculty council or elected by the faculty council in accordance with procedures specified in faculty rule 3335-5-48 (B)(2). The term of service is three years.

Balance unchanged.

NOW THEREFORE

BE IT RESOLVED, That the foregoing amendments to the Rules of the University Faculty be adopted as recommended by the University Senate.

Upon motion of Mr. Kessler, seconded by Ms. Casto, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**HONORARY DEGREES**

Resolution No. 93-79

Synopsis: The Academic Affairs Committee recommended the awarding of honorary degrees.

WHEREAS the Committee on Honorary Degrees and the University Senate, pursuant to rule 3335-5-488 of the Administrative Code, have approved for recommendation to the Board of Trustees awarding of honorary degrees as listed below.

Frank Ellis	Doctor of Science
Hideo Sasaki	Doctor of Fine Arts
William H. Sweet	Doctor of Science
Torsten N. Wiesel	Doctor of Science

NOW THEREFORE

BE IT RESOLVED, That the above honorary degrees be awarded in accordance with the recommendation at a time convenient to the University and the recipients.

Upon motion of Mr. Kessler, seconded by Ms. Casto, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**DEGREES AND CERTIFICATES - WINTER QUARTER COMMENCEMENT**

Resolution No. 93-80

Synopsis: The Academic Affairs Committee recommended the approval of Degrees and Certificates for Winter Quarter.

WHEREAS pursuant to paragraph (E) of rule 3335-1-06 of the Administrative Code, the Board has authority for the issuance of degrees and certificates; and

WHEREAS the faculties of the colleges and schools shall transmit, in accordance with rule 3335-9-29 of the Administrative Code, for approval by the Board of Trustees the names of persons who have completed degree and certificate requirements; and

WHEREAS the Colleges of the Arts and Sciences has recommended that Joseph Michael Snively, Jr., be awarded a B.A. degree posthumously:

NOW THEREFORE

BE IT RESOLVED, That the degrees and certificates be conferred on March 19, 1993, to those persons who have completed the requirements for their respective degrees and certificates and are recommended by the colleges and schools, and that Joseph Michael Snively, Jr., be awarded the above named degree, posthumously, and the names of those persons awarded degrees and certificates be included in the minutes of this meeting.

Upon motion of Mr. Kessler, seconded by Mr. Shumate, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**PERSONNEL ACTIONS**

Resolution No. 93-81

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the December 4, 1992 meeting of the Board, including the following Appointments, Change in Title, Reappointment of Concurrent Appointments, Reappointment of Principal Administrative Official, Appointments of Chairpersons and Director, Reappointment of Chairpersons, Leaves of Absence Without Salary, Professional Improvement Leaves, Tenure--Correction of Dates, Emeritus Titles, and Medical Staff Appointments (The Arthur G. James Cancer Hospital and Research Institute) as detailed in the University Budget be approved and the Medical Staff Appointments/Reappointments (The Ohio State University Hospitals) approved December 17, 1992, by the Hospitals Board be ratified.

Appointments

Name:	NANCY L. ZIMPHER
Title:	Dean
College:	Education
Effective:	March 1, 1993
Salary:	\$110,004.00
Present Position:	Acting Dean, College of Education and Professor, Department of Educational Policy and Leadership

February 4, 1993 meeting, Board of Trustees

### PERSONNEL ACTIONS (contd)

#### Appointments (contd)

Name: ALLAN R. MILLETT  
Title: Professor (The Raymond E. Mason, Jr. Designated Professorship in Military History)  
Department/Center: History/Mershon  
Effective: February 4, 1993  
Salary: \$76,520.00  
Present Position: Professor, Department of History and Mershon Center

#### Change in Title

Name: JAMES J. MAGER  
Title: Director  
Office: Admissions and Financial Aid  
Effective: January 5, 1993  
Salary: \$80,004.00  
Present Position: Director, Office of Admissions

#### Reappointment of Concurrent Appointments

Name: GARY L. FLOYD  
Title: Coordinating Dean for Arts and Sciences  
Office: Academic Affairs  
Effective Period: July 1, 1992 - June 30, 1993  
Salary: \$111,688.00  
Present Assignment: Dean, College of Biological Sciences and Coordinating Dean for Arts and Sciences

Name: JOHN O. RIEDL  
Title: Coordinating Dean for Regional Campuses  
Office: Academic Affairs  
Effective Period: July 1, 1992 - June 30, 1994  
Salary: \$92,080.00  
Present Assignment: Dean/Director, Mansfield Campus and Coordinating Dean for Regional Campuses

#### Reappointment of Principal Administrative Official

RICHARD M. HILL, Dean, College of Optometry, effective July 1, 1993, through June 30, 1998, pursuant to rule 3335-3-17 of the Administrative Code.

#### Appointments of Chairpersons and Director

July 1, 1992 through June 30, 1996

Statistics

Thomas J. Santner

October 1, 1992 through September 30, 1996

Geological Sciences

James W. Collinson

February 4, 1993 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

Appointments of Chairpersons and Director (contd)

January 1, 1993 through June 30, 1993

Division of Pharmaceutical Administration Stephen W. Birdwell\*

January 1, 1993 through June 30, 1996

Radiology (change in effective date) Dimitrios G. Spigos

January 1, 1993 through September 30, 1996

Folklore Center Patrick B. Mullen

Reappointment of Chairpersons

July 1, 1992 through September 30, 1993

Astronomy Gerald H. Newsom\*

October 1, 1993 September 30, 1997

Linguistics Brian D. Joseph

\*Acting

Leaves of Absence Without Salary

KENNETH W. KWOCKKA, Associate Professor, Department of Veterinary Clinical Sciences, effective November 1, 1992, through April 30, 1993, for personal reasons.

ROBERT A. AGUNGA, Assistant Professor, Department of Agricultural Education, effective January 11, 1993, through February 5, 1993, for personal reasons.

ROGER D. CHERRY, Assistant Professor, Department of English, effective Winter Quarter and Spring Quarter 1993, for personal reasons.

CARLOS E. CUEVAS, Assistant Professor, OSURF and Department of Agricultural Economics and Rural Sociology, effective Autumn Quarter 1992 and Winter Quarter 1993, to work on a project at The World Bank.

JAMES C. TURNER, JR., Assistant Professor, Department of Mathematics, effective Autumn Quarter 1992 and Winter Quarter 1993, to continue developing the Joint Science and Technology Alliance (JSTA).

PATRICK J. MAHONEY, Instructor, School of Allied Medical Professions, effective January 1, 1993, through May 31, 1993, for personal reasons.

Leave of Absence Without Salary--Change in Dates

WALTER D. NEUMANN, Professor, Department of Mathematics, change leave from Winter Quarter and Spring Quarter 1993, to Spring Quarter 1993.

February 4, 1993 meeting, Board of Trustees

### **PERSONNEL ACTIONS (contd)**

#### Professional Improvement Leaves

BRIAN D. JOSEPH, Chair and Professor, Department of Linguistics, effective Autumn Quarter 1993, Winter Quarter and Spring Quarter 1994.

JOHN S. MCDONALD, Chair and Professor, Department of Anesthesiology, effective September 1, 1993, through July 31, 1994.

JAMES L. BATTERSBY, Professor, Department of English, effective Autumn Quarter 1993, Winter Quarter and Spring Quarter 1994.

RUDINE SIMS BISHOP, Professor, Department of Educational Theory and Practice, effective Autumn Quarter 1993, Winter Quarter and Spring Quarter 1994.

JOHN C. BURNHAM, Professor, Department of History, effective Autumn Quarter 1993, Winter Quarter and Spring Quarter 1994.

SANDRA E. MCCORMICK, Professor, Department of Educational Theory and Practice, effective Autumn Quarter 1993, Winter Quarter and Summer Quarter 1994.

MELVIN L. MOESCHBERGER, Professor, Department of Preventive Medicine, effective Autumn Quarter 1993, Winter Quarter and Spring Quarter 1994.

ANDREW I. SCHWEBEL, Professor, Department of Psychology, effective Autumn Quarter 1993, Winter Quarter and Spring Quarter 1994.

WILLIAM W. BATSTONE, Associate Professor, Department of Classics, effective Autumn Quarter 1993, Winter Quarter and Spring Quarter 1994.

ANN K. BLOMBACH, Associate Professor, Department of Music, effective Autumn Quarter 1993, Winter Quarter and Spring Quarter 1994.

MICHAEL F. BRUGGER, Associate Professor and Assistant to the Director, Department of Agricultural Engineering and OARDC - Facilities Administration, effective December 1, 1992, through May 31, 1993.

ROBERT W. CURLEY, JR., Associate Professor, College of Pharmacy, effective September 22, 1993, through March 27, 1994.

BRUCE A. HEIDEN, Associate Professor, Department of Classics, effective Autumn Quarter 1993, Winter Quarter and Spring Quarter 1994.

THOMAS E. NYGREN, Associate Professor, Department of Psychology, effective Autumn Quarter 1993, Winter Quarter and Spring Quarter 1994.

DUANE W. ROLLER, Associate Professor, Department of Classics, effective Autumn Quarter 1993, Winter Quarter and Spring Quarter 1994.

February 4, 1993 meeting, Board of Trustees

### **PERSONNEL ACTIONS (contd)**

#### Tenure--Correction of Dates

NORMA J. BRUCE, Assistant Professor, University Libraries, change tenure date from July 1, 1992, to February 16, 1993.

CAROL P. HAWKS, Assistant Professor, University Libraries, change tenure date from July 1, 1992, to October 1, 1993.

SALLY A. ROGERS, Assistant Professor, University Libraries, change tenure date from July 1, 1992, to March 26, 1993.

#### Emeritus Titles

WILLIAM H. HAVENER, Department of Ophthalmology, with the title Professor Emeritus (Posthumously), effective February 4, 1993.

LEON PETERS, JR., Department of Electrical Engineering, with the title Professor Emeritus, effective February 1, 1993.

MICHAEL W. CURRAN, Department of History, with the title Associate Professor Emeritus, effective January 1, 1993.

#### Medical Staff Appointments (The Arthur G. James Cancer Hospital and Research Institute)

Kelly, William Brian, M.D., Associate Attending Staff - Department of Anesthesiology  
Ness, Gregory Mark, D.D.S, Associate Attending Staff - College of Dentistry  
Lynn, Deborah Joanne, M.D., Associate Attending Staff - Department of Neurology

#### Medical Staff Appointments (1992-1994) (The Ohio State University Hospitals)

Eaton, Gregory Michael, M.D., Attending Staff - Department of Internal Medicine -- Division of Cardiology  
Evans, Cynthia Beth, M.D., Attending Staff - Department of Obstetrics and Gynecology  
Kelly, William Brian, M.D., Attending Staff - Department of Anesthesiology  
Lynn, Deborah Joanne, M.D. Attending Staff - Department of Neurology  
Rosenfeld, Scott Lee, M.D., Limited Staff - Department of Pediatrics  
Samuels, Philip, M.D., Attending Staff - Department of Obstetrics and Gynecology  
Vasko, Susan D., M.D., Courtesy Staff - Department of Surgery -- Division of Plastic Surgery  
Couling, Sidney Lawrence, M.D., Courtesy Staff - Department of Pediatrics  
Langkamp, Diane L., M.D., Attending Staff - Department of Pediatrics  
Myers, Gerard Anthony, D.O., Limited Staff - Department of Anesthesiology  
Nassif, Jr., Robert Alan, D.M.D., Limited Staff - College of Dentistry -- Division of General Dentistry  
Salness, Rebecca Ann, M.D., Limited Staff - Department of Pediatrics  
Seguin, John H., M.D., Attending Staff - Department of Pediatrics  
Walsh, Brian Jay, D.D.S., Attending Staff - College of Dentistry -- Division of General Dentistry  
Castellano, David, M.D., Limited Staff - Department of Ophthalmology  
Castile, Robert Glenn, M.D., Attending Staff - Department of Pediatrics  
Clements, Herman Ronald, M.D., Limited Staff - Department of Psychiatry, Division of General Psychiatry  
Hoffman, Stephen Paul, M.D., Courtesy Staff - Department of Internal Medicine -- Division of Infectious Diseases

February 4, 1993 meeting, Board of Trustees

### **PERSONNEL ACTIONS (contd)**

#### Medical Staff Appointments (1992-1994) (The Ohio State University Hospitals) (contd)

Jackson, Benita Marie, M.D., Attending Staff - Department of Internal Medicine -- Division of General Medicine

Kuzma, Mary Kay, M.D., Attending Staff - Department of Pediatrics

#### Medical Staff Reappointments (The Ohio State University Hospitals)

McAnallen, Curtis M., Limited Staff - Department of Family Medicine

Olson, Stephen C., Attending Staff - Department of Psychiatry -- Division of General Psychiatry

Pema, Peter J., Limited Staff - Department of Radiology -- Division of Diagnostic Radiology

Taniguchi, Marshall, Attending Staff - Department of Physical Medicine & Rehabilitation

Van Aman, Michael E., Attending Staff - Department of Radiology -- Division of Diagnostic Radiology

Zacher, Judith B., Attending Staff - Department of Surgery -- Division of Plastic Surgery

Petno, Vincent, Attending Staff - Department of Internal Medicine -- Division of Cardiology

Triozi, Pierre L., Attending Staff - Department of Internal Medicine -- Division of Hematology/Oncology

Restuccio, Laura, Courtesy Staff - Department of Family Medicine

Scaperoth, Daniel D., Limited Staff - Department of Radiology -- Division of Radiation Oncology

Upon motion of Mr. Kessler, seconded by Ms. Casto, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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### **RESOLUTIONS IN MEMORIAM**

Resolution No. 93-82

Synopsis: The Academic Affairs Committee recommended the approval of seven Resolutions in Memoriam.

RESOLVED, That the Board adopt the following Resolutions in Memoriam and that the President be requested to convey a copy to the families of the deceased.

Clarence Brown

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on January 18, 1993, of Clarence Brown, Instructor Emeritus in the Ohio State University Extension.

Mr. Brown was born May 18, 1900 in Logan, Ohio. He completed his B.S. in Agriculture in 1924 at The Ohio State University.

Mr. Brown began his Extension career in Ohio when he joined the faculty at The Ohio State University on June 16, 1934 as the County Agricultural Agent in Auglaize County. He held this position until his retirement on December 31, 1965.

Mr. Brown's contributions in providing excellent Extension educational programs during his career earned him the respect and admiration of his co-workers and associates throughout the state.

February 4, 1993 meeting, Board of Trustees

### **RESOLUTIONS IN MEMORIAM (contd)**

Clarence Brown (contd)

On behalf of the University community, the Board of Trustees expresses its sympathy and understanding to his family as well as friends. It was directed that this resolution be inscribed in the minutes of the Board of Trustees as an expression of the Board's heartfelt sympathy.

Nathan S. Fechheimer

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on November 10, 1992, of Nathan S. Fechheimer, Professor in the Department of Dairy Science, a distinguished scholar and educator.

Professor Fechheimer's laboratory was the first in the world to enter into cytogenetic studies of farm animals. Dr. Fechheimer is consistently mentioned in cytogenetic laboratories throughout the world as the "master" of animal cytogenetics. There is no serious cytogenetic laboratory of farm livestock where his work is not known. Furthermore, many of his students attained distinction in human as well as animal cytogenetics which added to his fame.

After completing military duty as a Seabee Coxswain during WWII, Professor Fechheimer began his academic work at The Ohio State University, and completed his B.S., M.S., and Ph.D. degrees. He began his career as an instructor in the Department of Dairy Science and quickly advanced to the rank of Professor. He continued to serve The Ohio State University with distinction for 42 years until his death.

Dr. Fechheimer properly landed a NATO postdoctoral fellowship position at the University of Edinburgh shortly after being awarded his Ph.D. degree. This is important because Edinburgh, for many years, was the world's greatest and most venturesome center of activity in animal genetics. Subsequently, he was awarded Ford Foundation support for two more tours-of-duty at Edinburgh. He filled out his external professional experience by working a year at Jackson laboratory, Bar Harbor, Maine. Jackson Laboratory was surely the top center of biological genetics at the time in the U.S.A. It is no accident that Professor Fechheimer chose the best laboratories in the world to found his expertise in genetics and it is commendable that he was accepted in these laboratories.

Professor Fechheimer was affectionately regarded as "The Intellectual" of agriculture and was widely known throughout the campus. He served the American Association of University Professors (AAUP) in every office at The Ohio State University campus and on statewide committees where he staunchly defended academic propriety. He led his department, his college, and his university in science and in righteous academics. Recognition of his defense of academic freedom resulted in the Louis Nemzer Award at OSU in 1980 by the AAUP.

In the beginning, his teaching and research were in classical genetic studies of cattle. He explored the genetic etiology of coat color and color patterns. He began to investigate the causation of gross morphological abnormalities of calves. Through a comprehensive collection of data on all stillbirths and abnormalities reported to the two major artificial breeding cooperatives in Ohio during a five-year period, he was able to summarize genetic relationships to fetal deformities. It was this work which keyed him into consideration of the importance of embryonic death as a limiting factor in livestock production.

A new method was needed to pursue this compelling interest. Chromosome studies were only beginning to be reported for large animals and most work was done with squashed cells or serially

## **RESOLUTIONS IN MEMORIAM (contd)**

Nathan S. Fechheimer (contd)

sectioned cells. The methods were crude. Professor Fechheimer began to explore cell culture and chemically spread metaphase cells to conduct chromosome studies. His discovery of an effective method led to the publication of the first published karyotype for swine. A hypotheses began to form in his mind which stated that chromosome imbalance is a factor in embryonic mortality.

Students began to discover Dr. Fechheimer as the rest of the world's animal geneticists took notice of his work. He had already worked as a postdoctoral fellow in the world's leading animal breeding center of the time - University of Edinburgh. Professor Fechheimer discovered from critical work on the Freemartin Syndrome of cattle (sterile female, twin to a bull) a hypothesis which was contrary to the widely accepted hypothesis of Lillie. His hypothesis held true. Precisely, he proved the syndrome was not solely due to testosterone dominance from the male twin but, rather, there was placental anastomosis of the twin embryos and primordial male germ cells migrated through the admixed blood to the female germinal ridge where sexual differentiation became confused and abnormal. More profoundly, this work laid the stage for the discovery of H-Y antigen on male (Y-type) sperm cells which has been the crux of sex determination studies and embryo sexing procedures which are so vital in today's science.

In need of a model animal for further exploration of his seminal concept regarding chromosome imbalance, Professor Fechheimer was attracted to the chicken. He found it to be a highly suitable vertebrate example and developed the studies into a wealth of fundamental discoveries. He and his students produced parabionts, chimeras, and twin studies in double-yolked eggs. He studied sex-ratio disturbances relative to age of sperm engaged in fertilization (hen only needs to be inseminated once a week to lay fertilized eggs every day). This was an important follow-up on the hypothesis for humans which predicts that Down's syndrome (trisomy-21) is factored by the aging mother but not by the father. Professor Fechheimer's work substantiated that hypothesis with another experimental design.

While working at Edinburgh on two occasions at about this stage of his career, he developed rabbit models for similar studies on chromosome imbalance related to embryo mortality. He joined Dr. Goodman of the pediatrics unit at OSU in establishing chromosome imbalance as a contributor to embryonic death in humans.

Returning to the chicken, Professor Fechheimer pursued studies of chromosome segments and their relationship to embryo vitality. He worked out the optimal x-ray dosage to produce the greatest yield of chromosomally aberrant live chicks. This gave him an abundant pool of material with which to conduct his studies. The dose delivered to rooster semen is best at 600r. This produces a 10% yield of chicks carrying chromosome defects large enough to see with the light microscope. The method, coupled with observation of a wide array of spontaneous mutations, permitted the resolution of the manner of parentage for chromosome defects known to kill embryos. He was able to pinpoint the origins of mutations that were initiated during or after germ cell formation, i.e., meiosis I or II, cleavage, etc. Professor Fechheimer and his students had gone far toward identifying important causal factors for chromosome aberrations which occur in a non-experimental environment. That is, broiler lines of chickens differ from laying lines and family clusters vary in mutational incidences. It was shown that translocations occur spontaneously at relatively high frequencies in some genetic backgrounds and these are not automatically eliminated by the reproductive screen. He was busy elucidating the factors that influence the maintenance and segregation of chromosome translocations.

**RESOLUTIONS IN MEMORIAM (contd)**

Nathan S. Fechheimer (contd)

Professor Fechheimer showed that genetically unbalanced spermatozoa do not have a reduced functional capacity. But, almost all genetically unbalanced embryos are destined to die. Although this is true, some can survive and influence species evolution through provision of redundant DNA. Much of this work has been derived from studied translocations of the Z chromosome in chickens where segment errors have been compared against various sex maldevelopment. Nate did not find disomic or nullisomic W chromosome imbalance and, therefore, was not able to resolve the effect of the W. Professor Fechheimer was the first to have recovered three triploid ZZZ males which proved to be infertile although they were functional. With his student, Bill Blazak, he demonstrated that autosome and X chromosome translocations of mammals render males infertile. On the contrary, they found this not to be true for chickens with a Z chromosome involvement. This work eliminated several prior hypotheses regarding causes of sterility in mammals.

Dr. Fechheimer established the response of X-rayed chicken spermatozoa to be linear for fertility and for incidence of chromosome breakage as seen in subsequent embryos. He continued extensive work to characterize translocations and the meiotic behavior of various chromosome segments involved in translocations. He found the centromeres from avian micro chromosomes do not perform normally on large chromosomes.

Professor Fechheimer presented invited lectures in Great Britain, France, Germany, Switzerland, Sweden, Spain, Hungary, U.S.S.R., and extensively throughout the U.S.A. Since Professor Fechheimer established the first laboratory in the world to do cytogenetics of domestic animals, it is not unexpected that he became the best known expert in that area. He was invited to Moscow, Russia, to do a symposium lecture at the 14th International Congress of Genetics in 1978. This led to an invitation to lecture for two weeks to the Academy of Sciences of the U.S.S.R. at the Institute of Cytology and Genetics at Novosibirsk. Collaborative research was developed there which led to two scientific research publications in both Russian and English.

He was an invited speaker, once as a keynote speaker, at three of the four European Colloquia on Cytogenetics of Domestic Animals, at two of the four North American Symposia on Cytogenetics of Domestic Animals, and at the two European Association of Animal Production Symposia on Cytogenetics. He was an invited speaker the only time the Symposium on Reproduction had a cytogenetics topic. Professor Fechheimer arranged, chaired, and summarized for publication the papers on cytogenetics for the 1st World Congress on Genetics Applied to Animal Production in Madrid in 1974. He was an invited lecturer and discussant at the Gordon Conference on Biotechnology and Quantitative Genetics in 1986. The Ohio State University presented him its highest academic performance award of Distinguished Scholar in 1986.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

February 4, 1993 meeting, Board of Trustees

### **RESOLUTIONS IN MEMORIAM (contd)**

Arthur Raymond Mangus

The Board for Trustees of The Ohio State University expresses its sorrow upon the death on December 4, 1992, of Arthur Raymond Mangus, Professor Emeritus in the Department of Sociology and the Department of Agricultural Economics and Rural Sociology.

Arthur Raymond Mangus was born February 22, 1900 in Salem, Virginia. He received a Ph.D. in Sociology and Social Psychology from the University of Wisconsin in 1934. After completing the doctorate, Professor Mangus served as the Senior Research Supervisor on the staff of the United States Welfare Agencies in Washington, D.C. (1934-1939). He came to The Ohio State University in 1939 at the rank of Full Professor and joined the Emeriti ranks after thirty years (1969). He was a Visiting Professor at a number of major institutions such as the University of California, Berkeley; the University of Southern California, Los Angeles; Highlands University in New Mexico; and Inter-American University in Puerto Rico.

Professor Mangus's accomplishments mark a very distinguished career. In social psychology, medical sociology, family sociology, and rural sociology, he made major conceptual and methodological contributions. His Miami County (Ohio) study is one of the pioneering social science efforts in the field of mental health. He is credited as a founder of the specialty of medical sociology, having published an original paper entitled "Medical Sociology" in the Journal of Sociology and Social Research in 1955. Professor Mangus also received national recognition with the publication in 1940 of Rural Regions of the U.S., a widely used monograph of that period. Throughout his work, important consideration was given to the family institution. His publications and presentations at meetings of learned societies are numerous.

In describing Professor Mangus's impact on the field, there are a number of professional activities other than publications per se that deserve special comment. During the 1940's, he served as a social science consultant to the Ohio Department of Mental Health and as founder and director of the Ohio Mental Hygiene Society. In 1945, he spent three months as a social science consultant to the State of New York, during which time he was headquartered at Cornell University. Recognition of his research and community service in this area led to his appointment in 1951 to the position of Lecturer in Psychiatry and Research Sociologist at the University of California Medical School in San Francisco where he spent two years while on leave from Ohio State.

Excellence in instruction is yet another of Professor Mangus's important contributions. Many students benefitted from his tireless efforts in teaching and graduate advising. His scholarship together with his highly professional demeanor made him a particularly important role model for graduate students.

In August 1991, The Rural Sociological Society honored Professor Mangus by making him a Distinguished Rural Sociologist, or Fellow, of the Society.

On behalf of the University community, the Board of Trustees expresses to the family its deep sympathy. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

February 4, 1993 meeting, Board of Trustees

### RESOLUTIONS IN MEMORIAM (contd)

Charles C. Ritter

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on December 11, 1992, of Charles C. Ritter, Ph.D., Professor Emeritus in the Department of Theatre.

Born in Fredricksburg, Virginia, February 14, 1928, Professor Ritter received a bachelor of arts degree in 1951 from Mary Washington College of the University of Virginia, a master of arts degree in 1952 from the University of Florida, and a doctor of philosophy degree in 1956 from the University of Iowa. He served in the United States Navy from 1945 to 1947. Professor Ritter taught at Stetson University, Deland, Florida, for four years before joining the Department of Theatre at The Ohio State University in 1960. He taught in the department for 30 years, retiring in 1986.

During his teaching career he taught in numerous areas of theatre. He taught American theatre history on both the undergraduate and graduate level and served as Assistant Director of The Ohio State University Theatre Collection, which later became the Jerome Lawrence and Robert E. Lee Theatre Research Institute. Throughout his career he created and taught Theatre 100, Introduction to Theatre, a General Education Requirement course which continued over many years to be the highest enrolled freshman class at this University. Through this course he introduced thousands of young students to the arts and crafts of the theatre. He was awarded The Ohio State University Distinguished Teacher of the Year Award in 1970.

Professor Ritter directed over fifty productions during his years at Ohio State, each done with insight and stimulating imagination. He also had a distinguished career as an actor in university, community, and professional theatre. His memorable performances include Glengarry Glenn Ross, Galileo, The Lion in Winter, Richard II, Scrooge, and Golden Age Is All the Rage. He served on departmental, college, university, and national committees, carrying out in thoughtful and energetic action, their specific responsibilities.

His publications included The Lively Art of Theatre, Masterpieces of the Theatre, Introduction to Theatre Handbook, and Theatre 100 Outlines. He wrote many articles and reviews for regional and national theatre publications which reflected his life-long research and writing in theatre history and criticism.

On behalf of the University, the Board of Trustees expresses to the family its deepest sympathy and sense of understanding in their loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Lewis C. Saboe

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on January 4, 1993, of Lewis C. Saboe, Professor Emeritus in the Ohio State University Extension.

Dr. Saboe was born December 2, 1907, in Willow Lake, South Dakota. He completed his B.S. in 1931 at South Dakota State College, the M.A. in 1940 at the University of Minnesota, and the Ph.D. in 1942 from the University of Minnesota.

Dr. Saboe began his Extension career in Ohio when he joined the faculty at The Ohio State University in 1955 as an Extension Agronomist. He held this position until his retirement on December 31, 1968.

February 4, 1993 meeting, Board of Trustees

### **RESOLUTIONS IN MEMORIAM (contd)**

Lewis C. Saboe (contd)

Dr. Saboe's contributions in providing excellent Extension educational programs, writing numerous Extension and popular articles on crop improvement and crop production during his career earned him the respect and admiration of his co-workers and associates throughout the state and nation.

On behalf of the University community, the Board of Trustees expresses its sympathy and understanding to his family as well as friends. It was directed that this resolution be inscribed in the minutes of the Board of Trustees as an expression of the Board's heartfelt sympathy.

Helen D. Terrill

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on December 24, 1992, of Helen D. Terrill, Associate Professor Emeritus of the Ohio State University Extension.

Professor Terrill was born November 7, 1907, in Bellefontaine, Ohio. She completed her B.S. in home economics in 1933, and the M.S. in home economics in 1939 at The Ohio State University.

Helen Terrill began her Extension career in Ohio when she joined the faculty at The Ohio State University in 1951 as a Home Demonstration Agent in Hardin County. She remained this position until her retirement on September 30, 1972.

Miss Terrill's contributions in providing excellent Extension educational programs during her career earned her the respect and admirations of her coworkers.

On behalf of the University community, the Board of Trustees expressed its sympathy and understanding to her family as well as friends. It was directed that this resolution be inscribed in the minutes of the Board of Trustees as an expression of the Board's heartfelt sympathy.

Ilse E. Wilhelmi

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on January 5, 1993 of Ilse Emma Wilhelmi, Assistant Professor Emeritus in the University Libraries.

Ilse Wilhelmi was born on October 20, 1894 in Lawrence, Kansas. She received her B.A. from the University of Kansas, 1917, and her B.S.L.S. (Master's degree in library science) from Columbia University in 1929.

Professor Wilhelmi had been associated with the library field for forty-three years of which thirty-four were as Supervisor of Department Libraries at Ohio State. Prior to receiving her library degree, Professor Wilhelmi worked in the library system at the University of Kansas. From 1921 to 1928 she held positions in the Acquisitions Department, the Medical Library, and the Science Room. She left Kansas to obtain her library degree and returned to Kansas to become their serials librarian, a positions she held for two years before coming to Ohio State University Library on March 24, 1931.

When Professor Wilhelmi arrived in Columbus, Ohio State had eleven established department libraries with a total collection of 176,000 volumes. When she retired in June 30, 1965 she was supervising 21 department libraries with a total collection of 516,000 volumes and a library staff which had more than doubled in numbers. Professor Wilhelmi was devoted to her work and cheerfully carried the burden of staffing and maintaining service in department libraries under many

**RESOLUTIONS IN MEMORIAM (contd)**

Ilse E. Wilhelmi (contd)

adverse times as the Great Depression, World War II, and the rapid expansion after the war. Professor Wilhelmi had to deal with budget crises, flood, fires, snow storms, flu epidemics, and numerous and constant vacancies. Because of her dedication, charm and friendly personality, Professor Wilhelmi developed strong department libraries and made many friends among the faculty and the library staff.

In addition to maintaining her duties, Professor Wilhelmi was very active in many professional organizations. Among these were the American Library Association, Special Libraries Association, Ohio Library Association, Ohioana, Franklin County Library Association (President), and the Library Division of the Ohio College Association. She was also an active P.E.O. and Kappa Alpha Theta.

On behalf of the University, the Board of Trustees expresses to her family its deep sympathy and sense of understanding in their loss. It was directed that this resolution be inscribed upon the minutes of the board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

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**FISCAL AFFAIRS COMMITTEE REPORT**

Mr. Shumate:

Our first item of business this morning is a report on the mid-year budget review by Vice President Shkurti.

Mr. Shkurti:

Thank you, Mr. Chairman. The Mid-Year Budget Review is essentially updating you on where we are in the \$7.5 million short fall. There is also an item in your Board books on areas where we think the University is making progress, and the challenges ahead. I went over that in detail with the Fiscal Affairs Committee, so I will not go over it in detail at this point.

(See Appendix XIX for chart on Mid-Year Budget Review and a chart on the Second Quarter Report, page 517.)

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**\$7.5 MILLION REDUCTION**

Mr. Shkurti:

The appropriate resolution is in your Board books under the Tab Budget. You may recall in July we absorbed the \$25.5 million in the reductions to the General Fund and our plan for absorbing that at that time included the abolishment of 1,000 jobs, a pay freeze on most faculty, staff, and student employees for this year, and the nine percent tuition increase for our students.

**\$7.5 MILLION REDUCTION (contd)**

Mr. Shkurti: (contd)

Although none of these items were desirable, we felt that they were necessary to keep the University on an even financial keel. Despite the reduction in resources, we struggled to protect the academic core in key services to our students. And even despite the loss in income during this academic year, the number of courses closed to our students is down, and the number of research dollars brought in from the federal government and other sources to the State of Ohio through the efforts of our researchers is up. The quality of our incoming students, in terms of their level of preparation, is up and the number of minority students recruited, although retention is still an issue, is also up. So I feel that we have done better with less, despite a very adverse set of circumstances, and that our priorities are in order.

So the challenge for us, even though we took the \$25.5 million in July, was another \$7.5 million to make up between July and mid-year. That is the resolution that is in front of you today. We think that we have been able to come up with a plan that allows that reduction in income to be absorbed in the institution. Although it is not being done without pain, it is being done without injuring further the academic core or putting an unfair burden on our students. The way we propose to do that is to look at either revenue increases or budget reductions in four areas: 1) administration of benefits; 2) revenues exclusive of tuition; 3) consolidation of various academic support units, without reducing services to faculty and students; and 4) reprogramming of central funds to higher priority needs.

Savings in these particular areas were recommended by six different work groups chaired by either vice presidents or senior faculty in the University. Those recommendations and proposals have been shared widely with the University community over the last two months, including: all of the vice presidents as part of the Executive Committee, all of the deans, the University Senate Fiscal Committee -- which includes faculty, staff, and student members, the University Priorities Committee, the Staff Advisory Committee, the Faculty Compensation and Benefits Committee, the Diversity Committee, and a variety of student groups. So, I think that we have met the Board's objective in having wide spread consultation on these issues. And I want to stress, although this is not a plebiscite on how we do budgets, we do feel that we have had wide consultation. All these groups are in support of the objectives laid out in the \$7.5 million reduction -- which is to absorb this without doing damage to the academic core and damage to our students.

The specific proposals are listed in the attachment in your Board book, and they have been discussed quite widely. I will not go into the specific proposals, but simply explain that we have divided those, and the recommendations that went from the Provost and I to the President, and the recommendations the President has accepted and put on to you. Those four categories are first: items that we proceed with immediately, that we feel have been aired out, make sense, and that we ought to go forward with. Those items add up to an estimated \$7.7 million for this year, which means with their adoption we have a balanced budget for fiscal year 1993. And on a continuing basis, would yield about \$5.4 million, which would get us a long way towards the \$7.5 million of permanent savings that is required in the future.

The second category are those recommendations that we feel have a great deal of merit, but also need some additional exploration and work over the next 60-90 days.

**\$7.5 MILLION REDUCTION (contd)**

Mr. Shkurti: (contd)

To do some refining and possibly identify alternatives or where there might have been concern expressed which we feel is legitimate from the various groups we consulted with. Those will total \$2.2 million, if all of them are adopted, in continuing savings, and would add up then to \$7.6 million on a continuing basis, with the other \$5.4 million if adopted. Again, what we are recommending to you is that we take another 60-90 days to further explore those before coming back with a final decision.

The third group of recommendations are two that we recommend not to proceed with immediately. It involves canceling one or more commencements, and restructuring the way we do fee authorizations. Our feeling in the area of commencement was that 83 percent of the students who are eligible to attend commencement do so. We felt that for the money involved -- and even that was questionable, because if we didn't have commencement we still had to mail diplomas -- it would simply not provide a savings that would be worth it in terms of the loss and the feeling of community and pride from the students and their faculty.

On fee authorizations we simply feel more time is needed to work through that system very carefully. We need to make sure we do not unintentionally adversely affect graduate students and other students on fee waivers.

The fourth area are two recommendations that we recommend be held in reserve in the case the other recommendations do not raise quite as much money as needed. They will be held only as the last resort, and include an across-the-board cut of one percent to all academic support units headed by vice presidents and all college offices, but not instructional units and departments. We simply ask that this be held in reserve as a trigger in case we run short in the other areas. But our preference will be to come up with itemized reductions or revenue increases for the full \$7.5 million.

So in conclusion, let me stress, again, that we have had a very severe reduction in income, but that we have reprioritized the income that we have left to protect the academic core. Our goal is to continue to do that in the sense of the priorities that we've established earlier in the year. Let me also express my appreciation to the 36 students, staff, faculty, and senior administrators who served on the various work groups that came up with the initial recommendation.

Mr. Chairman, I would be glad to attempt to answer any questions any one may have.

Mr. Shumate:

Are there any questions? This information was previously mailed to members of the Board and fully discussed at the Fiscal Affairs Committee. If there are no questions, I will move for adoption of the resolution.

February 4, 1993 meeting, Board of Trustees

**FISCAL 1992-93 BUDGET ADJUSTMENTS**

Resolution No. 93-83

Synopsis: This resolution outlines the authorization necessary to implement budget reductions and revenue enhancements to balance the FY 1993 General Funds Budget.

WHEREAS the Columbus Campus is projected to have a \$7.5 million shortfall in the Fiscal Year 1993 General Funds Budget; and

WHEREAS it is necessary for the Columbus Campus to make sufficient annual rate budget adjustments to ensure that the General Funds Budget is in balance by the end of the 1993 Fiscal Year; and

WHEREAS it is the goal of the University to achieve these reductions without further annual rate adjustments to the budgets of instructional units and core student services; and

WHEREAS the University administration established work groups in six areas (Benefits Administration, Fee Authorizations, Revenue Increases, Central Funds, Academic Support Units Reporting to the Provost and other Academic Support Units) to study and make recommendations on ways to balance the budget; and

WHEREAS the results of those recommendations have been compiled, debated and evaluated by the various University governing bodies and the President's Executive Committee:

NOW THEREFORE

BE IT RESOLVED, That the Administration be authorized to implement the General Funds Budget adjustments outlined in Section A of the attachment; and

BE IT FURTHER RESOLVED, That the University will conduct additional evaluation on those items contained in Section B of the attachment, and be authorized to implement those annual rate adjustments that are determined to be prudent in addressing the budget shortfall; and

BE IT FURTHER RESOLVED, That the President be authorized to implement any necessary budget reductions to Academic Support Units and College Administrative Offices, to ensure that the sum of the actions outlined in this resolution result in a \$7.5 million annual rate budget reduction to the General Funds Budget by no later than June 30, 1993.

Upon motion of Mr. Shumate, seconded by Mr. Kessler, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix XX for \$7.5 Million Savings Plan and Supporting letter from William M. Mercer, Co., page 521.)

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**WAIVERS OF COMPETITIVE BIDDING REQUIREMENTS  
OCTOBER-DECEMBER 1992**

Resolution No. 93-84

Synopsis: Acceptance of the quarterly report on waivers of competitive bidding requirements is proposed.

February 4, 1993 meeting, Board of Trustees

**WAIVERS OF COMPETITIVE BIDDING REQUIREMENTS  
OCTOBER-DECEMBER 1992 (contd)**

WHEREAS the Purchasing Policy of The Ohio State University, adopted by the Board of Trustees on September 7, 1984, and revised on February 7, 1992, provides that the President and/or Vice President for Business and Administration may grant a waiver from competitive bidding in the event of an emergency, when a sufficient economic reason exists, or when the goods or services can be purchased from only a single source, with a report on such waivers to be made quarterly to this Board; and

WHEREAS the Vice President for Business and Administration has submitted a report on waivers of competitive bidding requirements granted for the period of October-December 1992; and

WHEREAS during the period covered, the Vice President for Business and Administration, at the requests of the departments making the purchases and upon the recommendation of the Purchasing Department, granted 29 waivers of competitive bidding requirements for annual purchases totaling approximately \$1,997,500.00:

NOW THEREFORE

BE IT RESOLVED, That the report on waivers of competitive bidding requirements for the period of October-December 1992, is hereby accepted.

Upon motion of Mr. Shumate, seconded by Mr. Celeste, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix XXI for background material, page 525.)

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**EMPLOYMENT OF ARCHITECTS/ENGINEERS**

Resolution No. 93-85

**COLLEGE OF BUSINESS FACILITIES**

Synopsis: The Fiscal Affairs Committee recommended authorization to employ architects/engineers for the College of Business Facilities.

WHEREAS the University desires to employ an architectural/engineering firm to provide schematic design, design development, construction documents, and contract administration for an anticipated two phases of construction consisting of undergraduate and graduate classrooms, offices, library, auditorium, meeting facilities, and related support space for the College of Business; and

WHEREAS the total estimated project cost is \$62,000,000.00 in 1991 dollars (\$67,000,000.00 in 1993 dollars), and the total estimated construction cost is \$48,000,000.00 in 1991 dollars (\$52,300,000.00 in 1993 dollars), with funding to be provided from private donations and future State capital appropriations anticipated in the 1995-96 and 1997-98 biennia:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to select qualified architectural/engineering firms as necessary for this project and that the fees for these services be negotiated between the firms selected and State of Ohio Department of Administrative Services, Division of Public Works.

February 4, 1993 meeting, Board of Trustees

**EMPLOYMENT OF ARCHITECTS/ENGINEERS (contd)**

Upon motion of Mr. Shumate, seconded by Mr. Celeste, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**EMPLOYMENT OF ARCHITECTS/ENGINEERS AND  
REQUEST FOR CONSTRUCTION BIDS**

Resolution No. 93-86

**UNIVERSITY AIRPORT GUIDANCE SIGNS**

Synopsis: The Fiscal Affairs Committee recommended authorization to employ architects/engineers and request construction bids for the University Airport Guidance Signs project.

WHEREAS the University would like to proceed with the installation of Airport guidance signs and associated pavement markings in accordance with the FAA approved sign plan; and

WHEREAS this project also would include the performance of an Airport boundary survey; and

WHEREAS the total estimated project cost is \$550,000.00, and total estimated construction cost is \$450,000.00; with anticipated funding provided by a Federal Aviation Administration grant (\$495,000.00) and University Airport funds (\$55,000.00):

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to select qualified architectural/engineering firms as necessary for this project and that the fees for these services be negotiated between the firms selected and The Ohio State University; and

BE IT FURTHER RESOLVED, That the President and/or Vice President for Business and Administration be authorized to request construction bids on this project in accordance with established University procedures, and if satisfactory bids are received, to award contracts, with all actions to be reported to this Board at the appropriate time.

Upon motion of Mr. Shumate, seconded by Mr. Celeste, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**REQUEST FOR CONSTRUCTION BIDS**

Resolution No. 93-87

**MARION REGIONAL CAMPUS - EARLY CHILDHOOD LABORATORY  
DOAN HALL WEST - TRASH COMPACTOR RENOVATIONS  
MENDENHALL LABORATORY RENOVATION**

Synopsis: The Fiscal Affairs Committee recommended authorization to request construction bids for the listed projects.

February 4, 1993 meeting, Board of Trustees

February 4, 1993 meeting, Board of Trustees

**REQUEST FOR CONSTRUCTION BIDS (contd)**

MARION REGIONAL CAMPUS - EARLY CHILDHOOD LABORATORY  
DOAN HALL WEST - TRASH COMPACTOR RENOVATIONS  
MENDENHALL LABORATORY RENOVATION (contd)

WHEREAS the University desires to proceed with the renovation of the University-owned "McDonald's Restaurant" building adjoining the northwest corner of the main Marion Regional Campus property to house the program for student training in the area of child care and services; and

WHEREAS the total estimated project cost is \$325,000.00, and the total estimated construction cost is \$265,000.00; with funding provided by the Marion Regional Campus; and

WHEREAS University Hospitals desires to proceed with the installation of an additional trash dumping facility adjacent to the existing trash compactor, excavation for a new concrete ramp, and construction of a new concrete wall to screen the new and existing trash compactors; and

WHEREAS the total estimated project cost is \$190,000.00, and the total estimated construction cost is \$165,000.00; with funding provided by University Hospitals; and

WHEREAS the University desires to proceed with the interior renovation and addition to Mendenhall Laboratory to house Geological Sciences, including offices, classrooms, and research laboratories; and

WHEREAS the total estimated project cost is \$14,861,000.00, and the total estimated construction cost is \$11,880,000.00; with funding provided by Senate Bill 381 (\$10,244,000.00), House Bill 904 (\$4,417,000.00) and central University funds (\$200,000.00):

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to request construction bids on these projects in accordance with established University procedures, and if satisfactory bids are received, to award contracts, with all actions to be reported to this Board at the appropriate time.

Upon motion of Mr. Shumate, seconded by Ms. Casto, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix XXII for map, page 527.)

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**REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS**

Resolution No. 93-88

ROBINSON LABORATORY - BALCONY REMODELING  
ROBINSON LABORATORY - ELEVATOR REPLACEMENT  
OARDC - THORNE AND GOURLEY RENOVATION  
MARION REGIONAL CAMPUS - HVAC CONTROL SYSTEM  
PAGE HALL - ROOF REPLACEMENT  
WISEMAN HALL - MEDICAL RESEARCH FACILITY  
STARLING-LOVING - CONTINUING MEDICAL EDUCATION RENOVATION  
STORM SEWER SEPARATION, PHASE I  
KEPLER CLUBHOUSE MODIFICATIONS

Synopsis: Acceptance of the report of award of contracts and the establishment of contingency funds for the listed projects is recommended.

WHEREAS resolutions adopted by the Board of Trustees on October 5, 1990, December 6, 1990, June 7, 1991, February 7, 1992, and April 3, 1992 authorized the President and/or Vice President for Business and Administration to request construction bids in accordance with established State of Ohio and University procedures, and if satisfactory bids were received to award contracts for the Robinson Laboratory - Balcony Remodeling, Robinson Laboratory - Elevator Replacement, OARDC

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Thorne and Gourley Renovation, Marion Regional Campus - HVAC Control System, Page Hall - Roof Replacement, Wiseman Hall - Medical Research Facility, Starling-Loving - Continuing Medical Education Renovation, Storm Sewer Separation, Phase I, and Kepler Clubhouse Modifications projects:

NOW THEREFORE

BE IT RESOLVED, That pursuant to the actions previously authorized by this Board, the report of award of contracts and establishment of contingency funds for these projects is hereby accepted.

Upon motion of Mr. Shumate, seconded by Ms. Casto, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix XXIII for background and maps, page 529.)

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Ms. Pichette:

This proposal is for an alternative way to handle those capital projects under \$1 million. In response to the concerns the Board has raised over the resolution, we are recommending today a resolution to provide authorization for the University to proceed only with those projects identified on the list accompanying the resolution. At the end of the year, we will then submit for your approval a report on these projects. These projects total about \$15.1 million, and I would emphasize that we will let you know if any project on the list exceeds \$1 million. Because this is our first attempt on this new process, we will be refining it during the year, and may need to revise the list for your review at a later meeting.

**AUTHORIZATION FOR CAPITAL IMPROVEMENT PROJECTS**

Resolution No. 93-89

Synopsis: Approval of report covering anticipated list of capital improvement projects (setting forth the estimated costs of each project) at less than \$1,000,000.00 and a request for authorization for the administration to proceed with these projects subject to subsequent Board ratification are proposed.

WHEREAS consistent with the Board of Trustees fiduciary duty regarding oversight and approval, the delegation of authority to proceed with projects specified in the attached list is designed to expedite the University's ability to move forward with capital projects on a timely basis and to ensure the most effective use of University resources; and

WHEREAS the Board has received the attached listing of capital improvement projects estimated at a total project cost of less than \$1,000,000.00 that are anticipated and/or scheduled to be undertaken during 1993, subject to scheduling and funding availability; and

WHEREAS the President has recommended that the Administration be permitted to undertake, in accordance with established procedures, those listed capital improvement projects without additional Board authorization of each such project:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized, without any additional authorization or approval from this Board being necessary, to select qualified architectural and/or engineering firms as necessary, with the fees for these services to be negotiated between the firms selected and the Department of Administrative Services, Division of Public Works, or the University, as appropriate, and to request construction bids in accordance with established University and/or State of Ohio procedures, as appropriate, and if satisfactory bids are received, to award contracts, or as appropriate to recommend the award of contracts to the Department of Administrative Services, for any capital improvement project on the attached 1993 listing of projects estimated at less than \$1,000,000.00; and

BE IT FURTHER RESOLVED, That the President and/or Vice President for Business and Administration shall report as appropriate to the Fiscal Affairs Committee any such project undertaken pursuant to this authorization in which the total actual project cost exceeds \$1,000,000.00 and shall present to this Board an annual report on capital improvement projects completed, under construction, or in planning or design during 1993, including a written report to the Fiscal Affairs Committee of this Board on all contracts awarded pursuant to this authorization.

Upon motion of Mr. Shumate, seconded by Ms. Casto, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix XXIV for list of projects, page 553.)

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Ms. Tom:

We are asking the Board to approve the revisions to the Non-Smoking Policy, and you have a resolution in your materials. Essentially, there are two changes that are included here: 1) that the University becomes a non-smoking campus, which means that there will be no smoking in the buildings in either private offices or designated areas; and 2) there will be no smoking in the Stadium and the Arena.

February 4, 1993 meeting, Board of Trustees

Ms. Tom: (contd)

By way of background, let me just go back to 1987. In 1987 the Board approved a resolution which established the University's Non-Smoking Policy. That Policy indicated that there would be no smoking in buildings, but made allowance for smoking in private offices and designated areas -- the Stadium and Arena were not included.

A committee was set up in accordance with that policy to review the status of this provision in 1991. It was chaired by Dr. Steve Loebs, who is here today, from the College of Medicine. The committee made its recommendation in March 1992 and the recommendation is shown in the resolution which, to repeat, just indicates that there will be no smoking now at all in any of our buildings and the Stadium and the Arena will be included. The policy itself has gone through extensive consultation, in terms of our Senate Committee's employee forums.

I need to indicate that this is a very emotional issue and we have had people indicate their positions in many ways. But the rationale for the change is that the body of medical evidence supports the conclusion that environmental tobacco smoke is a hazard to human health. So this is a health issue that affects all members of the University community, our faculty, staff, students, and visitors. That is the rationale for this change in policy.

I would be pleased to take any questions, or Dr. Loebs is here that he can respond to any questions as well.

## **NON-SMOKING POLICY**

Resolution No. 93-90

Synopsis: A change in the University's non-smoking policy is proposed.

WHEREAS the University recognizes the need to create and maintain an environmental quality that sustains and enhances the general health of its faculty, staff, students, and visitors; and

WHEREAS in furtherance of this commitment, the University recognizes the need to modify its present smoking policy as set forth in The Ohio State University Operating Manual, Number 7.20 and in Faculty Rule 3335-13-02 in an effort to reduce the level of environmental contaminants produced by smoking; and

WHEREAS in addressing this question the University should seek to accommodate the needs of its faculty, staff, students, and visitors through the adoption of a comprehensive policy statement; and

WHEREAS the University has considered a report from the Committee established to review the University Non-Smoking Policy which solicited opinion and other information from the University community, its various governance groups, and other comparable institutions on the issue of smoking, which study has been reviewed by University administrative personnel who have made their own independent assessment:

NOW THEREFORE

February 4, 1993 meeting, Board of Trustees

**NON-SMOKING POLICY (contd)**

BE IT RESOLVED, That Number 7.20 of the Operating Manual be amended and that the non-smoking policy in the form as attached hereto as Appendix XXV, be adopted effective July 1, 1993 and the revised policy shall be published as Number 7.20 of the Operating Manual; and

BE IT FURTHER RESOLVED, That as a part of the general health promotion programs of the University, voluntary smoking cessation services for faculty, staff, and students will continue to be made available.

Upon motion of Mr. Celeste, seconded by Mr. Shumate, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

(See Appendix XXV for background, page 557.)

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**REPORT - UNIVERSITY'S ENDOWMENT FUND**

Resolution No. 93-91

RESOLVED, That the report on the University's Endowment Fund, dated January 15, 1993, as submitted to the Investments Committee of the Board of Trustees, be received and filed with the official records of the Board.

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**REPORT - UNIVERSITY'S ENDOWMENT FUND  
QUARTERLY REPORTS**

Resolution No. 93-92

RESOLVED, That the report on the University's Endowment Fund Quarterly Reports, dated December 31, 1992, as submitted to the Investments Committee of the Board of Trustees, be received and filed with the official records of the Board.

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**REPORT - UNIVERSITY'S CASH AND INVESTMENTS**

Resolution No. 93-93

RESOLVED, That the report on the University's Cash and Investments, dated December 31, 1992, as submitted to the Investments Committee of the Board of Trustees, be received and filed with the official records of the Board.

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Thereupon the Board adjourned to meet Friday, March 12, 1993, at The Ohio State University Hale Black Cultural Center, Columbus, Ohio.

Attest:

Madison H. Scott  
Secretary

John J. Barone  
Chairman

THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND TWO HUNDRED AND NINETIETH MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, March 12, 1993

The Board of Trustees met at its regular monthly meeting on Friday, March 12, 1993, at The Ohio State University Hale Black Cultural Center, Columbus, Ohio, pursuant to adjournment.

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Minutes of the last meeting were approved.

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March 12, 1993 meeting, Board of Trustees

The Chairman, Mr. Barone, called the meeting of the Board of Trustees to order on March 12, 1993, at 10:30 a.m. He requested the Secretary to call the roll.

Present: John J. Barone, Chairman, Deborah E. Casto, John W. Kessler, Milton A. Wolf, Alex Shumate, Theodore S. Celeste, Michael F. Colley, George A. Skestos, Kristen Cusack, and Hiawatha N. Francisco, Jr.

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## PRESIDENT'S REPORT

President Gee:

Ladies and gentlemen, I am pleased that we could all be here together today and I am delighted that we are meeting in the Frank W. Hale Jr. Black Cultural Center. I particularly want to thank Vice Provost for Minority Affairs David Williams for his support and effort in allowing us to have these accommodations available; and Larry Williamson, Director of the Center, who does a remarkable job. Not only does Larry run the center, but he has taken on an extra responsibility of working with our movable art displays which appear on a regular basis in Bricker Hall. Again, thanks to Larry and everyone. We are terribly sorry that we disrupted your day. This is a place that is ordinarily filled with students, but nonetheless we appreciate the opportunity to be here today. A feature of this center, for which Ohio State receives much community recognition, is a very active program of exhibitions as I indicated to you. They add significantly to this campus and to the quality of life for all of our students.

Today, I am happy to report to this Board a number of significant honors and awards Ohio State has captured over the past few weeks. Dr. Harald Vaessin, assistant professor of molecular genetics, has just been awarded the Sloan Research Fellowship, one of the most prestigious awards for researchers in North America. Only 90 such awards were given this year. Professor Vaessin is doing basic research on the nervous system of the fruit fly. [I'm not going to make any jokes about that, but I have often wondered what makes the fruit fly nervous!] His basic research on the development of the nervous system can possibly help us understand the same process in vertebrates as well. He teaches the core graduate course in developmental biology.

And, let me add that he has been at Ohio State just one year. He joined our faculty because of the outstanding reputation of our biotechnology program and our distinguished faculty in the area of molecular biology. And, Joan, I might add that this is a good example of how five or six years ago we invested in creating a biotechnology program and now we are attracting the type of faculty members that are joining us. I think this is something that we can take pride in and we ought to use this as yet another example of the investment policy that we are making in this University.

Ohio State's faculty in family relations and human development have received national attention for the A. Sophie Rogers Laboratory for Child and Family Studies in the College of Human Ecology. This laboratory pre-school program was cited in *Education Week* magazine as one of the nation's most successful in using a flexible preschool curriculum that fosters creativity and involvement in children under 5 years of age. The Rogers preschool program is an excellent example of the

## PRESIDENT'S REPORT (contd)

President Gee: (contd)

synergy of teaching and research as it trains undergraduates as teachers and provides a setting for graduate research in early childhood development and education. I happen to know that it is a wonderful program. I don't know if David Williams is here, but I know that his daughter, Samatha, is in that program and he was telling me about it the other day.

I am also pleased to report that Dr. Michael Para, professor of internal medicine and professor of medical microbiology and immunology, has been named national co-chair of the Phase I and II Working Groups of Health Professionals who are formulating research and scientific priorities for fighting the HIV virus. Dr. Para assumes a critical leadership role in the national initiative to identify and approve new anti-HIV treatments. And as we all know, Michael is one of the leading researchers in this area in the country and has brought distinguished activities to this University.

Outstanding faculty, such as those I have just mentioned, are important in attracting very talented students to this university. Last week, the University Honors Center hosted more than 600 high school seniors -- students in the top 3 percent of their class -- in competition for 10 presidential and 40 medalist scholarships. Each of these students has already been designated a University Scholar. They spent two hours responding to essay questions. The day was designed to allow the students to interact with faculty and current students informally at meals, and by visiting classes, laboratories, and centers. Many faculty members assisted in this recruitment effort. Professor David Hothersall, director of the University Honors program, informed me that this year, nearly 80 percent of the students invited to be part of this top Ohio State scholarship competition participated, coming from 18 states, including one student from Hawaii.

Last evening, several members of this Board had the opportunity to meet some of the exceptional undergraduate students. And those of us that were there were truly impressed. I know we were all impressed with the range of their academic interests and co-curricular involvements, the energy and activity that they are bringing to this institution. As we noted last evening, from conducting senior thesis research in Senegal to creating drug and steroid education programs for youth, these students reflect the breadth of the institution and contribute significantly to its quality.

I want to announce that Kate Mueller who was with us last night, a sophomore from Altamont Springs, Florida, has been named a National Endowment for the Humanities Younger Scholar. Only 82 students across the country received this honor as the most promising undergraduates in the humanities. Kate is working with Professor Dan Farrell in the Department of Philosophy.

Just last Monday, *USA Today* announced that William Taylor, a student in the College of Business, finished fourth in the nation in the AT&T Collegiate Investment Challenge. Between November and March, he turned an imaginary \$500,000 into \$1.1 million, finishing only \$100,000 behind the winner. The members of this Board might be interested to know that William has not yet taken the finance department investment class -- but I suspect, Mr. Ambassador, he is going to be highly recruited for that class!

### **PRESIDENT'S REPORT (contd)**

President Gee: (contd)

Rex Holman, a senior in business from Upper Arlington and Kevin Randleman, a junior in Arts and Sciences from Sandusky, both are Big Ten Champion wrestlers. The Big Ten Diver of the Year is Yoshi Sakata, a physical education major who came to Ohio State from Tsukuba, Japan. He came here by the way to work with the Big Ten Diving Coach of the Year, Vince Panzano. Add to these accomplishments, the Big Ten Indoor Track title we won this last week. By the way with some small caveat note -- the last time we won the conference title indoors, Howard Bevis was president of the university! And, of course, I must mention how proud we are of the women's basketball program. Our winter sports programs are entering NCAA competitions over the next few weeks, and we look for big things from them.

Finally, I want to report that yesterday and later today, I have the pleasure of invading the classrooms of some of our very best and brightest faculty, completely by surprise again, to award them either the Alumni Award for Distinguished Teaching or the Distinguished Scholar Award. By next Tuesday, we will have notified the 14 winners in this way. From History 152 to Agricultural Education 631, the students have enjoyed these occasions to honor outstanding teaching and scholarship.

I would just add a caveat to that, Mr. Chairman. Yesterday, I went into the Agricultural Education building to give an outstanding teaching award to one of our young faculty members. There were two young people standing out in the hallway and this woman asked me, "What are you doing?" And I whispered, "I am here to give a teaching award." And she said, "To whom?" When I mentioned the name, she absolutely screamed. It turned out that she was the one I was giving the award to. She slipped down the hall to confer with her students. It was a surprise to her and I had not had anyone scream like that before, but it was great fun. Mr. Chairman, this completes my report.

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### **REPORT ON THE JAMES CANCER HOSPITAL**

Mr. Barone:

At this time I would like to call on Dr. David Schuller, for a report on the James Cancer Hospital.

Mr. Kessler:

Mr. Chairman, before Dr. Schuller starts, I would like to mention to the Board that several years ago when Shirley Bowser or Joel Teaforde was Chairperson, we set up the Oversight Committee of the Cancer Hospital Board. John Barone and I have had the pleasure of representing this Board on that Oversight Committee since its inception. I must tell all of our Board members, particularly our newer Board members, that several years ago if you would have asked us what our major concern of the University is as Board of Trustees it would have been the Cancer Hospital.

**REPORT ON THE JAMES CANCER HOSPITAL (contd)**

Mr. Kessler: (contd)

It is with great pride that -- if I may John -- on behalf of John Barone and myself, compliment Dennis Smith, Dave Schuller, and the whole staff for the wonderful job they have done. From the nurses to the staff who admit the patients, we are very, very proud of what they have done -- not only Central Ohio, but for the whole midwest region -- in setting up this Comprehensive Cancer Hospital at Ohio State University. I also must add that we are connected with the University Hospitals, and the cooperation between the two institutions is wonderful. I am real proud to mention this because we think Dave, Dennis, and the whole staff have done just a great job.

Mr. Barone:

I have to say that back then Trustee Kessler was not smiling the way he is this morning. I think it reflects the fact of the fine job that you, the associates, and doctors have done not only in the James Cancer Hospital, but the University Hospitals. I personally also wish to congratulate you, Dr. Schuller, and Mr. Smith as well. I think the success is self-evident.

Dr. David Schuller:

Thank you very much for your kind comments and I appreciate the opportunity to come and give you an update this morning. The Cancer Hospital is now in its third year of operation. I would like to mention, for those new on the Board, that even though we do work closely with University Hospitals, this facility has a direct reporting relationship to the President and the Board independent of University Hospitals. This organizational model was necessary so that it qualified for an exemption from the Medicare Prospective Payment System as described by the healthcare finance administration. The University Trustees Oversight Committee is the Hospital's governing board, with Trustees Barone and Kessler serving as its members. Mr. Kessler currently serves as Chair of the Oversight Committee.

The first year of operation produced a \$10 million loss, which was slightly in excess of what the original financial projections predicted, and this was partially explained by the six-month delay in opening as the result of the water pipe breakage. The second year of operation brought substantial improvement with a loss that was considerably less than what was originally projected. Now in the third year, we hope to at least break even. In the first half of this '92-'93 fiscal year, the Hospital is surpassing all income projections. Assuming a similar level of activity for the second half of this fiscal year, it is projected that net revenue will exceed expenses at the end of this fiscal year of operation. We are achieving that goal some two years earlier than the original financial projections.

At each of its meetings, the Oversight Committee receives reports on continuous quality improvement that assess all aspects of patient care and the quality of service provided our patients. A means of assessing this satisfaction has been developed by University Hospitals' administrative personnel, which is now being used in the Cancer Hospital. Every patient admitted to the James Cancer Hospital or seen in the Ambulatory Oncology Center has an opportunity to complete a patient satisfaction survey. The Hospital continues to receive high scores in areas of patient satisfaction that include the patients' assessment of their overall stay, as well as their extreme satisfaction with nursing and physician care.

## **REPORT ON THE JAMES CANCER HOSPITAL (contd)**

Dr. Schuller: (contd)

We are now in the implementation phase of our strategic plan which was completed approximately one year ago. A number of objectives and goals outlined by this strategic plan have already been attained in these past six months. These objectives include the successful opening of another 17-bed unit within the Cancer Hospital, bringing a total number of staff beds to 123. Based on the number of patient beds, the James Cancer Hospital is now the fifth largest of the exempt cancer hospitals in the United States. We have worked jointly with University Hospitals and entered into affiliation agreements with six regional community hospitals. The Cancer Hospital is currently in the process of implementing a state-wide library contact program which brings cancer educational materials to the citizenry of Ohio, and has also initiated a program with Block Buster Video to create cancer educational video tapes for free distribution at all Block Buster Video stores nationwide.

The Comprehensive Cancer Center, the James Cancer Hospital and Research Institute, is one of only nine centers to receive national cancer institute funded feasibility grants to establish a brain tumor research center. We are working with the leaders of that program to develop interdisciplinary, ambulatory, and in-patient care programs. The Oversight Committee has recently approved \$450,000 to attain a stereotactic radiosurgery unit, which will expand the treatment capabilities of the clinician investigators in this brain tumor program. We recognize the importance of rehabilitation of our patients and accordingly have established a multidisciplinary comprehensive rehabilitation team. This group has been charged with developing a program that will meet all of the rehabilitative needs of our patients, as well as address the issues of how we might proactively deal with minimizing the morbidity associated with the disease and its treatment.

The Comprehensive Cancer Center is the organizational framework that includes more than 200 faculty members involved with cancer research from eleven different colleges. A considerable amount of the basic research as well as all of the clinical research is housed within the James Cancer Hospital and Research Institute. The Comprehensive Cancer Center has recently been notified that it has received a fundable priority score for the construction of additional cancer laboratories juxtaposed to the existing cancer labs on the third and fourth floors of Wiseman Halls. However, there are currently no funds for distribution in the National Cancer Institute budget to make this award. We are hopeful that construction funds will be available in next year's NCI budget.

An interdisciplinary group of basic scientists and clinicians has received funding to study new treatment approaches for bladder cancer research. This is the only NCI funded project like this in the United States. We continue to maintain a strong presence in taxall research and have recently received approval to study treatment efficacy in patients with head and neck cancers as well as breast cancer. Currently in the United States there are only three taxall treatment programs available for head and neck cancer and sixteen for breast cancer. In the last year, four new clinician investigators have been recruited to our cancer program, which brings the total of newly recruited faculty with cancer expertise to twenty-one since 1989. Since this past July we have received forty-six grants totalling almost \$3 million in additional support to the cancer program. The total annual amount of external peer reviewed support for the cancer program is now in excess of \$22 million.

## **REPORT ON THE JAMES CANCER HOSPITAL (contd)**

Dr. Schuller: (contd)

In summary, our finances have stabilized, the quality of our care is excellent, and externally sponsored research continues to grow. The administration of the James Cancer Hospital and Research Institute appreciates the leadership of the Oversight Committee and will continue a vigorous and aggressive pursuit of achieving the objectives and goals outlined in our strategic plan. Thank you for your attention.

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## **RESEARCH FOUNDATION REPORT**

Mr. Celeste:

A summary of the Grants and Contracts received by The Ohio State University Research Foundation during the month of January may be found at Tab 1 in your Research Foundation Report. The awards for the period July through January are down about 7 percent. However, awards from federal sponsors are up 4.2 percent.

As mentioned last month, award dollars can fluctuate up and down from month-to-month because of timing of funding for major multi-year projects.

At Tab 2 you will find expenditure summaries for the month of January. Expenditures are continuing a modest increase of 6.6 percent as they track the increase in awards last year.

Some new projects of special interest that were funded in the month of January are listed at Tab 3. This week I visited with Professor Ing-Ming Chiu and his molecular biology laboratory in the Department of Internal Medicine and received a blitz course in gene splicing and cloning. Dr. Chiu recently received a \$200,000 award from the American Cancer Society to identify the critical gene responsible for preventing cells from becoming cancerous in acute nonlymphocytic leukemia patients.

I thought you might also be interested to know that Professor Prabir Dutta in the Department of Chemistry has been funded by the National Aeronautics and Space Administration to study the synthesis of microporous materials in microgravity. These materials have applicability to sensor technology, electronics, and optics. These studies are preliminary investigations aimed at defining an experiment for a future space shuttle flight.

In another study, Professor Shirley O'Bryant in the Department of Family Relations and Human Development has received funding from the American Association of Retired Persons Andrus Foundation to study older men's adjustment to widowhood and the effects of remarriage on their well-being.

At Tab 4 is the list of all projects funded in January. Tab 5 includes press releases issued by University Communications highlighting recent research activity, including some that the President has talked about.

**REPORT OF RESEARCH CONTRACTS AND GRANTS**

Resolution No. 93-94

Synopsis: The reports on research and other sponsored program contracts and grants and the summary for January 1993 are presented for Board acceptance.

WHEREAS monies are solicited and received on behalf of the University from governmental, industrial, and other agencies in support of research, instructional activities, and service; and

WHEREAS such monies are received through The Ohio State University Research Foundation and the Engineering Experiment Station of The Ohio State University:

NOW THEREFORE

BE IT RESOLVED, That the research agreement between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the reports from the Engineering Experiment Station during the month of January 1993 be approved.

Upon motion of Mr. Celeste, seconded by Mr. Shumate, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

Summary

JANUARY 1993

<u>Source</u>	<u>7/1/91-1/31/92</u>	<u>7/1/92-1/31/93</u>	<u>January 1993</u>
The Ohio State University Research Foundation	\$ 95,919,523.66	\$ 89,196,948.02	\$ 7,521,915.68
Engineering Experiment Station	\$ 4,033,083.00	\$ 5,324,200.00	\$ 557,469.00

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**HOSPITALS BOARD COMMITTEE REPORT**

Mr. Skestos:

Mr. Chairman, here is the following summary of activities during the month of February 1993. The Professional Affairs/Education/Research Committee met on February 18. The Committee adjourned into executive session to hear a report on the Quality and Resource Management activities in the Department of Psychiatry. Dr. William Bay reviewed the hospital-wide quality and resource management indicators, including a case review and comparative national data. He also reported on the work of the Correction Unit Clinical Advisory Committee.

In open session the Committee received the reports of the Medical Director and the Chief of Staff. The Director of Physician Relations reported on initiatives to build and strengthen relationships with community physicians and the Hospitals' residents. Mr. Fraley presented quarterly highlights of Human Resources' activities and information gained through exit interviews.

### **HOSPITALS BOARD COMMITTEE REPORT (contd)**

Mr. Skestos: (contd)

The Administrative/Operations Committee met one week later on February 25. After reviewing the Financial Statement, the Committee received a report on Internal Operations. We also learned that the Joint Commission on Accreditation of Healthcare Organizations intends to begin on July 1, 1993, conducting one-day, unannounced visits to selected institutions. I might add that our University Hospitals has the highest accreditation given, which is a three-year accreditation period. We are presently about halfway through that and can expect these unannounced inspections sometime after July. All of the departments are gearing up for this and hopefully they will continue to receive the high accreditation that they have had in the past.

The Hospitals are acquiring a new radio system to improve internal and external communications during emergency situations. We have had a failure in the phone system and our backup didn't work too well, so we are in the process of acquiring a new one that will adequately take care of our needs. Mr. Fraley presented multiple comparisons between University Hospitals and other teaching and community hospitals. Those comparisons indicate that our pricing, staff productivity, and operating costs are extremely competitive with all teaching hospitals and moderately competitive with other large, non-teaching hospitals. In order to attract other managed healthcare contracts and market the University's healthcare system we must maintain quality, continue to control operating costs, and follow through with our strategic pricing efforts.

In a meeting on February 25, the Hospitals Board discussed a medical staff personnel issue both in executive session and in open session. In addition, the Hospitals Board approved the recommendation of the Administrative/Operations Committee to authorize a contract for a sixth-floor addition to the SICU project.

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### **AGRICULTURAL AFFAIRS COMMITTEE REPORT**

Mr. Colley:

Mr. Chairman, the members of the Agricultural Affairs Committee met twice since the last meeting of the Board. At the first meeting we reviewed the College's mission and vision statements. This week we met with 32 leaders from the College, OSU Extension administrators, department chairs from the Colleges of Agriculture and Human Ecology, and the Vice President's administrative cabinet. We focused on two major topics: internal marketing and outreach to the community. Mr. Chairman, I have asked the Secretary to include a more detailed report in the records.

Finally, we wish to commend Dr. Moser on his outstanding leadership in the College and for his obvious rapport with his colleagues.

(See Appendix XXVII for complete context of Agricultural Affairs Report, page 617.)

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**ACADEMIC AFFAIRS COMMITTEE REPORT**

Mr. Kessler:

The Academic Affairs Committee met this morning and heard an interesting report on the Assessment of Institutional Quality by Associate Provosts Nancy Rudd and Don Dell. The Committee is also recommending the following resolutions:

**CREATION OF THE DEPARTMENT OF  
SPEECH AND HEARING SCIENCE**

Resolution No. 93-95

Synopsis: The Academic Affairs Committee recommended the creation of the Department of Speech and Hearing Science in the College of Social and Behavioral Sciences.

WHEREAS the faculty of the Division of Speech and Hearing Science have requested the designation of the Division be changed to the Department of Speech and Hearing Science in the College of Social and Behavioral Sciences; and

WHEREAS the College of Social and Behavioral Sciences has reviewed the proposal and endorses it strongly; and

WHEREAS recruitment of both faculty and students will be enhanced by departmental status; and

WHEREAS the Division meet the required qualitative and quantitative requirements for departmental status as outlined in University Faculty Rule 3335-3-34; and

WHEREAS this proposed change has the approval of the Council on Academic Affairs; and was approved by the University Senate at its February 27, 1993 meeting:

NOW THEREFORE

BE IT RESOLVED, That the proposal to create the Department of Speech and Hearing Science within the College of Social and Behavioral Sciences, effective immediately, is hereby approved.

Upon motion of Mr. Kessler, seconded by Mr. Shumate, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY**

Resolution No. 93-96

Synopsis: The Academic Affairs Committee recommended the approval of the following amendments to the Rules of the University Faculty.

WHEREAS the University Senate pursuant to rule 3335-1-09 of the Administrative Code is authorized to recommend through the President to the Board of Trustees the adoption of amendments to the Rules of the University Faculty as approved by the University Senate; and

WHEREAS the proposed changes in the Rules of the University Faculty were approved by the University Senate on December 7, 1991 and February 27, 1993:

**AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)**

Amended Rules

3335-3-35 Chairpersons of departments, directors of schools.\*

- (A) The chairperson of each department and the director of each school, shall be the administrative head, respectively, of the department or school. The department chairperson and the director of a school perform a dual function. In addition to being the administrative head of the department or school, the chairperson or director represents the faculty of the department or school in dealing with the dean or others in the university administration. Upon the nomination of the president, the board of trustees shall appoint each chairperson and director for a term of four years subject to the annual review provisions of rule 3335-3-17 of the administrative code. A chairperson or director shall be eligible for reappointment. In selecting a chairperson or director, the president shall confer with the dean of the college involved. The dean, in turn, will consult with the faculty of the department or school on all campuses, as well as other appropriate university officials. Department chairpersons and directors of schools report to the deans of their colleges.
- (B) The president may remove a chairperson or director during a four-year term after consultation with the voting faculty and dean of the unit involved. The views of the faculty shall be given substantial weight in arriving at any decision to remove a chairperson or director from office.
- (C) The duties of the chairperson of a department or the director of a school shall be as follows:
- (1) To have general administrative responsibility for its program, subject to the approval of the dean of the college.
  - (2) To develop in consultation with the faculty a pattern of administration. This pattern of administration shall be made available to all present and prospective members of the faculty of the department or school, and a copy shall be deposited in the office of the dean of the college and in the office of the senior vice president for academic affairs and provost.

For purposes of defining minimum content, the following shall be included in the pattern of administration:

- (a) A statement requiring the chair to provide a schedule of all regular faculty meetings (see rule 3335-5-18 of the Administrative Code) to all faculty members before the start of each quarter, semester, or session.
- (b) A statement requiring the chair to maintain minutes of all faculty meetings and to maintain records of all other actions covered by the pattern of administration.
- (c) A statement that the chair will consult with the faculty as a whole on all policy matters, and that such consideration will, whenever practicable, be undertaken at a meeting of the faculty as a whole.
- (d) A statement recognizing in principle the presumption favoring majority faculty rule on all matters covered by the pattern of administration. This statement shall further provide that whenever majority faculty rule is not followed, the department or faculty chairperson, or school director, or dean and director of a regional campus, whichever is the case, shall explain the reasons for the departure to enhance communication and to facilitate understanding within the department. Where possible, this statement of reasons shall be provided before the departure occurs. This explanation shall outline

**AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)**

Amended Rules (contd)

the decision of the majority of the faculty, the decision of the department or faculty chairperson, or school director, or dean and director of the regional campus, whichever is the case, and the reasons the decisions differ. The explanation shall be communicated to the faculty in writing, where possible, or at a faculty meeting, with an opportunity provided for faculty to comment.

- (e) A statement affirming that the faculty shall be consulted in the initiation and in the review and selection of new faculty members for appointment.
- (f) A statement explaining how faculty duties and responsibilities in instruction, scholarship, and service are to be assigned and distributed equitably.

Balance unchanged.

3335-5-486 Council on enrollment and student progress.

(A) Membership.

The council on enrollment and student progress shall consist of sixteen members.

- (1) Nine regular faculty.
  - (a) Three regular faculty appointed by the president. The term of service is three years. Appointed members are eligible for reappointment.
  - (b) Six regular faculty appointed by the executive committee of the faculty council or elected by the faculty council in accordance with procedures specified in faculty rule 3335-5-48 (B)(2). The term of service is three years.
- (2) Six students.
  - (a) Two graduate students selected by the council of graduate students. The term of service is one year.
  - (b) Two professional student selected by the inter-professional council. The term of service is one year.
  - (c) Two undergraduate students selected by the undergraduate student government. The term of service is one year.
- (3) One administrator. The senior vice president for academic affairs and provost, or designee, non-voting, to serve as administrative liaison for the council.

(B) Duties and responsibilities.

- (1) Initiate recommendations and review proposals with regard to policies which affect the characteristics of the student body. The council shall address issues with regard to enrollment planning for undergraduate, graduate, and professional student enrollment. In addition, the council shall address issues related to undergraduate students in regard to

**AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)**

Amended Rules (contd)

recruitment, competitive admissions, intra-university transfers, financial aid, and retention, and coordinate any resulting actions with issues concerning graduate and professional students. Recommendations and advice will be provided to appropriate administrators and offices.

- (2) Initiate recommendations and review proposals with regard to policies which affect the processes by which undergraduate students enroll, register, and carry out other administrative functions related to the completion of their coursework and/or degree requirements. Recommendations and advice shall be provided to appropriate administrators and offices.
- (3) Initiate recommendations and review proposals with regard to policies and procedures pertinent to students' passage through the institution, including, but not limited to, the university calendar, student records, approval of transfer credit, and quarter-end validation procedures.
- (4) Encourage the collection of data and participate in the analysis of data which will support the development of informed policies on issues within the council's domain and include a summary of such data in the annual report to the senate.
- (5) Serve as a channel of communication for the work of all other committees, permanent and ad hoc, which address issues within the domain of the council of enrollment and student progress and establish regular mechanisms by which such committees report regularly to the council on enrollment and student progress and through it to the university senate.

(C) Organization.

- (1) The chairperson and chairperson-elect shall be elected from among the faculty members. The chairperson-elect shall serve as vice-chairperson.
- (2) Reports by this council to the president, other than those made through the senate, shall be made through the senior vice president for academic affairs and provost.
- (3) As a standing committee of the senate, this council is also governed by the provisions of rules 3335-5-46 and 3335-5-48 of the Administrative Code.

NOW THEREFORE

BE IT RESOLVED, That the foregoing amendments to the Rules of the University Faculty be adopted as recommended by the University Senate.

Upon motion of Mr. Kessler, seconded by Ms. Casto, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**HONORARY DEGREES**

Resolution No. 93-97

Synopsis: The Academic Affairs Committee recommended the awarding of an honorary degree to Willy Burgdorfer.

WHEREAS the Committee on Honorary Degrees and the University Senate, pursuant to rule 3335-5-488 of the Administrative Code, have approved for recommendation to the Board of Trustees awarding of an honorary degree as listed below:

Willy Burgdorfer

Doctor of Science

NOW THEREFORE

BE IT RESOLVED, That the above honorary degree be awarded in accordance with the recommendation at a time convenient to the University and the recipients.

Upon motion of Mr. Kessler, seconded by Mr. Celeste, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**PERSONNEL ACTIONS**

Resolution No. 93-98

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the February 4, 1993 meeting of the Board, including the following Appointment, Appointment of Chairpersons, Reappointment of Principal Administrative Official, Leave of Absence Without Salary, Professional Improvement Leaves, Emeritus Titles, and Medical Staff Appointments/Reappointment (The Arthur G. James Cancer Hospital and Research Hospital) as detailed in the University Budget be approved.

Appointment

Name: FENG-SHENG HSUEH  
Title: Professor (Bliss M. and Mildred A. Wiant Designated Professorship in Chinese Literature and Culture)  
Department: East Asian Languages and Literatures  
Effective Period: October 1, 1993 - September 30, 1996  
Salary: N/A  
Present Position: Acting Chair and Professor, Department of East Asian Languages and Literatures

Appointment of Chairpersons

January 1, 1993 through June 30, 1996

Materials Science and Engineering

Robert H. Wagoner

March 1, 1993 through March 31, 1993

Surgery

William L. Smead\*

March 12, 1993 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

Appointment of Chairpersons (contd)

April 1, 1993 through June 30, 1997

Surgery

Ronald M. Ferguson

\*Acting

Reappointment of Principal Administrative Official

R. REED FRALEY, Executive Director of University Hospitals and Associate Vice President for Health Services, effective March 1, 1993, through February 28, 1997, pursuant to rule 3335-3-17 of the Administrative Code.

Leave of Absence Without Salary

MOHAMMED I. EL-NAGGER, Professor, Department of Electrical Engineering, effective October 1, 1992 through November 30, 1992, for personal reasons.

Professional Improvement Leaves--Change in Dates

DAGMAR C. G. LORENZ, Professor, Department of Germanic Languages and Literatures, change dates from Autumn Quarter 1992, Winter Quarter and Spring Quarter 1993, to Autumn Quarter 1992.

TIN-LUN (JASON) HO, Assistant Professor, Department of Physics, change dates from Autumn Quarter 1992, Winter Quarter and Spring Quarter 1993, to Winter Quarter, Spring Quarter, and Autumn Quarter 1993.

Emeritus Title

JOE D. PITTMAN, Ohio State University Extension, with the title Associate Professor Emeritus, effective March 12, 1993.

Medical Staff Appointments (The Arthur G. James Cancer Hospital and Research Institute)

November 20, 1992 through June 30, 1993

EVANS, CYNTHIA BETH, M.D., Associate Attending, Obstetrics and Gynecology  
SAMUELS, PHILIP, M.D., Associate Attending, Obstetrics and Gynecology

January 21, 1993 through June 30, 1993

BROWN, DAVID ALAN, M.D., Associate Attending, Surgery -- Thoracic & Cardiovascular  
KOSLOSKE, ANN MARY, M.D., Associate Attending, Pediatric Surgery  
HUNEKE, ALLEN LOUIS, M.D., Associate Attending, Obstetrics and Gynecology

March 12, 1993 meeting, Board of Trustees

### **PERSONNEL ACTIONS (contd)**

Medical Staff Reappointment (The Arthur G. James Cancer Hospital and Research Institute)

January 21, 1993 through June 30, 1993

WILLIAM L. SMEAD, M.D., Associate Attending, Surgery

Upon motion of Mr. Kessler, seconded by Mr. Shumate, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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### **RESOLUTIONS IN MEMORIAM**

Resolution No. 93-99

Synopsis: The Academic Affairs Committee recommended the approval of seven Resolutions in Memoriam.

RESOLVED, That the Board adopt the following Resolutions in Memoriam and that the President be requested to convey a copy to the families of the deceased.

Ralph Bergman

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on February 2, 1993, of Ralph Bergman, Assistant Professor Emeritus in the Ohio State University Extension.

Professor Bergman was born June 16, 1912, in Bryan, Ohio. He completed his B.S. in Agriculture Education in 1935 and his M.A. in 1950 at The Ohio State University.

Ralph Bergman began his Extension career in Ohio when he joined the faculty at The Ohio State University on June 16, 1957, as the County 4-H Agent in Logan County. He held this position until his retirement on June 30, 1973.

Professor Bergman's contributions in providing excellent Extension educational programs during his career earned him the respect and admiration of his co-workers and associates throughout the state. He served on numerous committees and wrote several articles pertaining to youth development throughout his career.

On behalf of the University community, the Board of Trustees expresses its sympathy and understanding to his wife, as well as friends. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees as an expression of the Board's heartfelt sympathy.

John W. Hevener

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on January 26, 1993, of John W. Hevener, Associate Professor Emeritus in the Department of History at The Ohio State University Lima Campus.

Professor Hevener was born in Dunmore, West Virginia, on March 21, 1933. He held the B.A. and M.A. degrees from Marshall University and, in 1971 received his Ph.D. from Ohio State, where he

**RESOLUTIONS IN MEMORIAM (contd)**

John W. Hevener (contd)

held the William Green Memorial Fellowship as a graduate student. He taught high school in McArthur and Hamilton Township (Columbus), Ohio, and from 1966 to 1970 served in the history department of Wisconsin State University, Whitewater. In 1972, he began teaching at Mankato State College in Minnesota, and then in the fall of 1975, he joined the faculty at the Lima Campus. He served there until he took emeritus status in 1991.

Professor Hevener was well known in the field of American labor history. He was the author of Which Side Are You On? The Harlan County Coal Miners, 1931-39 (University of Illinois Press, 1979), for which he was recognized in 1978 by being presented the W.D. Weatherford Award for that year. Professor Hevener was a particularly beloved teacher who in his seventeen years at Lima made a major impact upon many students and left important institutional contributions at the Lima Campus and within the University generally. He was also a respected ambassador of the University to the Lima community, being very active in his church and serving for a number of years on the executive committee of the Allen County Democratic Party.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in their loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Verl L. House

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on December 9, 1992, of Verl L. House, Professor Emeritus in the Department of Molecular Genetics.

Professor House was born April 10, 1919. He received a bachelor's degree in zoology from the University of California at Berkeley in 1941. After serving with the U.S. Army from 1943-46, he returned to Berkeley and received a master's degree in zoology in 1948 and a Ph.D. in 1950.

After teaching at Johns Hopkins, and Virginia Polytechnic Institute, Dr. House came to Ohio State as an associate professor of zoology and entomology in 1958. In 1965 he served as consultant to the Indian Summer Institutes in Biology, sponsored by USAID. From 1966-67, he served as Associate Director of Fellowships, National Academy of Sciences-National Research Council, Office of Scientific Personnel, Washington, DC. He became a professor of genetics in 1967 and retired in 1980.

Professor House served on a variety of college and university committees, including the Committee for the Establishment of a Graduate Program in Genetics at The Ohio State University, the Colleges of the Arts and Sciences Honors Committee, and the Task Force for a Program in General Biology, College of Biological Sciences.

Professor House was a member of several professional societies, including Sigma Xi, the American Genetics Society, the Society of American Zoologists, and the American Society of Human Geneticists. He was also a Fellow of the Ohio Academy of Sciences.

Professor House's research interest was physiological genetics with emphasis on developmental aspects of gene expression. He advised numerous graduate students and was the author or co-author of 41 scholarly papers. He initiated and taught courses in General Genetics, and the Nature of Gene Action.

**RESOLUTIONS IN MEMORIAM (contd)**

Verl L. House (contd)

On behalf of the University, the Board of Trustees expresses to the family of Professor House its deep sympathy and sense of understanding of their loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Elton F. Paddock

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on November 27, 1992, of Elton F. Paddock, Professor Emeritus in the Department of Molecular Genetics.

Professor Paddock was born December 11, 1913. He received his B.A. from Whittier College in 1936 and his Ph.D. in genetics from the University of California at Berkeley in 1942. He came to Ohio State in 1946 and retired in 1985.

He initiated and taught Genetics 631, the Cytological Basis of Genetics; Genetics 632, Plant Genetics; and Genetics 730, Cytogenetics.

Professor Paddock was a member of various scientific and honorary societies. He was a Fellow of the Ohio Academy of Science and a consultant to the United States Agency for International Development. He advised many graduate students, both Master's and Ph.D. candidates and was the author of numerous scientific articles on biology and genetics. He was a member of the Senior Chorus at Barber-Roselea, Columbus Alumni Chapter of SPEBSQSA, and Eagles Scouts.

On behalf of the University, the Board of Trustees expresses to the family of Professor Paddock its deep sympathy and sense of understanding of their loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

William C. Smith

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on January 28, 1993, of William C. Smith, Associate Professor in the Ohio State University Extension.

Professor Smith was born June 24, 1948, in Conneaut, Ohio. He completed his B.S. in Education in 1970 at The Ohio State University and his Master's in Ag. Education in 1978 at Kent State University. He was currently working on his Ph.D. in Education from The Ohio State University.

William Smith began his Extension career in Ohio when he joined the faculty at The Ohio State University on October 16, 1970 as the County 4-H Agent in Geauga County. On February 16, 1974, he became the County 4-H Extension Agent in Columbiana County. He held this position until he became the Area 4-H Agent for the Canfield Area on March 1, 1979. On June 1, 1985 he transferred to the Southwest District as the District 4-H Specialist and held this position until his death.

Professor Smith's contributions in providing excellent Extension 4-H educational programs during his career earned him the respect and admiration of his co-workers, peers, volunteer advisors, 4-H members and associates throughout the state as well as the nation. He served on numerous committees and wrote several articles pertaining to youth development throughout his career.

**RESOLUTIONS IN MEMORIAM (contd)**

William C. Smith (contd)

On behalf of the University community, the Board of Trustees expresses its sympathy and understanding to his wife, children, and parents as well as friends. It was directed that this resolution be inscribed in the minutes of the Board of Trustees as an expression of the Board's heartfelt sympathy.

Ted Suie

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on December 17, 1992, of Ted Suie, Ph.D., Professor Emeritus, Department of Ophthalmology.

Dr. Suie was born on June 20, 1923, in Akron, Ohio. He earned a Bachelor's Degree in Biology from Akron University in 1949. He received a Masters and Ph.D. in Microbiology from The Ohio State University.

Dr. Suie was a faculty member in the Department of Ophthalmology for 35 years. He also held a courtesy appointment with the Department of Microbiology in the College of Biological Sciences. He served on many College of Medicine committees including the Animal Research Committee, Curriculum Committee, the Committee on Faculty and Alumni Programs, and the University Campus Campaign.

Within the Department of Ophthalmology, Dr. Suie served as director of Ophthalmic Research, Graduate School Committee Chairman, and as a member of the Department Promotion and Tenure Committee. Dr. Suie was director of the Ophthalmic Microbiology Laboratory for 25 years. In this capacity, he trained many technicians in the field of Ophthalmic Microbiology.

Dr. Suie published over 60 papers in the major ophthalmology journals dealing with his research in eye microbiology and immunology. He was author of the manual "Microbiology of the Eye" published by the American Academy of Ophthalmology and served as a permanent instructor for the Academy for over 20 years. It is significant to note this in that Dr. Suie was the first non-ophthalmologist to become a member of the American Academy of Ophthalmology.

Dr. Suie received the Honor Award of the American Academy of Ophthalmology for teaching. He was also the recipient of the Cantacuzino Medal from the Government of Romania for his contributions for eye research.

On behalf of the University community, the Board of Trustees expresses to the family and friends of Dr. Suie its deepest sympathy. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's realization of the loss that the family, the University and many friends and associates have sustained.

William V. Walton, Jr.

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on October 29, 1992, of William V. Walton, Jr., Associate Professor Emeritus in the College of Dentistry (Periodontology).

**RESOLUTIONS IN MEMORIAM (contd)**

William V. Walton, Jr. (contd)

Professor Walton was born in Woodsfield, Ohio, in 1899, the son of Woodsfield's mayor, the late William Walton. During World War I, he served as a private in the infantry. He attended The Ohio State University College of Dentistry from which he received his D.D.S. degree in dentistry in 1922. Initially, he practiced general dentistry and from 1928 to 1958 the specialty of periodontics with his brothers, Dr. Albert B. Walton and Dr. Leland V. Walton, who had a medical-dental practice on East Broad Street in Columbus. In 1953 he joined the faculty in the College of Dentistry as a part-time Instructor in Periodontics, and in 1955 became Assistant Professor in Periodontics. In 1958 he became a full-time faculty member with rank of Associate Professor, a position he held until his retirement on July 1, 1968.

Professor Walton was a member of many professional organizations, notably Omicron Kappa Upsilon, an honorary dental organization to which he was elected upon his graduation in 1922. Additionally, he was a member of the American Dental Association, the Ohio Dental Association and the Columbus Dental Association of which he was elected president 1927-1928.

Professor Walton was highly recognized as the designer of the first impression-molded latex mouthpiece in 1956, derivatives of which are widely used presently in the sports field to prevent injuries to the teeth and jaws. During his academic tenure from 1958 through 1968, he developed many teaching aids within his department to include dentoforms. He established the Sophomore Scaling Laboratory and Clinic Seminar; researched principle of ultrasonics as applicable to dentistry and established the Junior Ultrasonic Clinic Seminar; developed the individual Junior and Senior Periodontal Conference; wrote the clinic manual entitled, "An Aid to the Treatment of the Diseased Periodontium"; and worked with graduate students in clinic and seminar. During 1965, he chaired the Department of Periodontology. During his teaching years he earned the reputation as a tough professor but with a deep love for his students. Since he proudly possessed a large, white mustache, he was nicknamed, "The Walrus."

On behalf of the University, the Board of Trustees expresses to the family of Professor Walton its deep sympathy and sense of understanding of their loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Upon motion of Mr. Kessler, seconded by Mr. Celeste, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**STUDENT AFFAIRS COMMITTEE REPORT**

Ms. Cusack:

In the Student Affairs Committee meeting today we just began to scratch the surface on the issue of Academic Advising at Ohio State and you will be hearing a lot more about it in the future. Dr. Mac Stewart from University College, Dr. Martha Garland from the Department of History, Dr. Bob Arkin from Arts and Sciences, and Mr. Jay Yutzey from the College of Business came and discussed this issue with us. I am sure this is a subject that you have heard murmurs about and I could probably spend all day discussing this with you the different dynamics of academic advising at Ohio State and about improvements that could be made. But since you probably

**STUDENT AFFAIRS COMMITTEE REPORT (contd)**

Ms. Cusack: (contd)

don't want me to do that, I will just greatly oversimplify it by saying that I don't think we are currently furnishing our students with all of the aid that they could get from this University. I think there is a lot more that we could be doing in the area of academic advising. We will be working on that and giving you some more information as it comes in.

We also heard from the student government leaders. John Hilbert, from the Undergraduate Student Government, told us that the Assembly of the Undergraduate Student Government is currently moving around -- as we are as a Board -- getting out to the students. They have been to south campus, they went to the Mansfield Campus last week, and next quarter they will be at the Hale Center.

They are also participating in a High Street cleanup project, which they have done several times this quarter. This is where they go out into High Street and actually cleanup after a weekend activity. They are also planning a Student Government Organization President Leadership Conference. USG's elections are coming up and John's replacement will be selected April 6 and 7 on the Regional Campuses, and April 7 and 8 on Main Campus.

Also, the student governments have been busy selecting the five finalists to try and replace me. They have sent the finalists' names and information to the Governor who will hopefully be making the decision sometime soon.

Karen Duncan, from the Council of Graduate Students, spoke about a document -- which we should have all received or will be receiving soon -- which is their response to the local Managing for the Future Task Force Report. A couple of points that Karen highlighted and I would like to pass along were that the graduate students generally feel that the report was very good and had a lot of useful information. They did, however, have a few things that they would like to bring up as possible problems. On the issue of college structure they think that the number of faculty and the budget size are a poor organization for college structure -- a poor way to do that. They disagree with the elimination or the disbandment of the University Senate. And they noted that there was no mention or documentation of graduate student achievement in the section, "Documenting Academic Achievement." Also, Karen wanted me to note that there were no students on the local Managing For the Future Task Force.

Greg Gorospe, President of the Interprofessional Council, made his last report to us and we would like to thank him. His replacement will be starting very soon and they are planning on having a very well-planned transition this year, which is their first one in quite a while. They are really working to make the structure of IPC something that can be useful for the students in the professional schools. I would just like to congratulate Greg on his impending graduation and thank him for all of his help this year.

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## **INVESTMENTS COMMITTEE REPORT**

Amb. Wolf:

As you can see from the report, total giving from private sources is up 59 percent through the first seven months compared with the same period last year. Individual giving continues to be strong largely due to four major gifts totaling \$5.3 million.

The \$9 million gift-in-kind of cartoon art in December and the receipt of a \$3.2 million mainframe computer in January are responsible for the 133 percent increase in corporate giving. However, corporate giving would still be up 7 percent if these two gifts were factored out.

Private foundation giving is improving. We were down 25 percent at the end of December, but by the end of January we were down only 12 percent compared to last year.

I should also note that the totals reported constitute approximately \$43 million in new dollars, since only \$5.2 million of the total resulted from pledge payments on commitments made during The Ohio State University Campaign.

I would like to recommend to the Board the establishment of seven new named endowed funds totaling \$161,631.69 in restricted support to the University. These funds are listed behind the Development Tab in your Board books.

## **REPORT ON UNIVERSITY DEVELOPMENT**

Resolution No. 93-100

Synopsis: The report on the receipt of gifts and the summary for January 1993 are presented for Board acceptance.

WHEREAS monies are solicited and received on behalf of the University from alumni, industry, and various individuals in support of research, instructional activities, and service; and

WHEREAS such gifts are received through The Ohio State University Development Fund and The Ohio State University Foundation; and

WHEREAS this report includes the establishment of seven (7) new named endowed funds:

NOW THEREFORE

BE IT RESOLVED, That the acceptance of the report from The Ohio State University Development Fund and The Ohio State University Foundation during the month of January 1993 be approved.

Upon motion of Amb. Wolf, seconded by Mr. Shumate, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

SUMMARY

TOTAL UNIVERSITY PRIVATE SUPPORT

July-January  
1991-92 compared to 1992-93

GIFT RECEIPTS BY DONOR TYPE

Dollars	July through January		
	<u>1991-92</u>	<u>1992-93</u>	<u>% Change</u>
Individuals:			
Alumni (Current Giving)	\$ 6,856,301	\$10,096,001	47
Alumni (From Bequests)	<u>1,330,097</u>	<u>2,005,958</u>	51
Alumni Total	\$ 8,186,398	\$12,101,959	48
Non-Alumni (Current Giving)	\$ 4,433,546	\$ 5,410,339	22
Non-Alumni (From Bequests)	<u>1,278,150</u>	<u>2,035,539</u>	59
Non-Alumni Total	\$ 5,711,696	\$ 7,445,878	30
Individual Total	\$13,898,094	\$19,547,837	41
Corporations/Corp. Foundations	\$ 9,656,175	\$22,539,646	133
Private Foundations	\$ 4,044,277	\$ 3,563,867	(12)
Associations & Other Organizations	<u>\$ 2,705,726</u>	<u>\$ 2,534,258</u>	(6)
TOTAL	\$30,304,272	\$48,185,608	59

**REPORT ON UNIVERSITY DEVELOPMENT (contd)**

SUMMARY (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Establishment of Named Endowed Funds

	<u>Previous Gifts</u>	<u>Current Gifts</u>	<u>Total Gifts</u>
The Max A. Karr University Scholarship Fund (Merit scholarships - University Scholars)	\$30,650.65		\$30,650.65
The Robert C. Gossman & Associates Endowment Fund (Service Award - Medicine)	\$30,572.54		\$30,572.54
The Highland County 4-H Endowment Fund (Highland County 4-H Program)	\$25,958.00	\$ 1,060.00	\$27,018.00
The F. Peter and Gwendolyn Kautz Gross Scholarship Fund (Graduate Students Scholarships - College of Education)		\$20,000.00	\$20,000.00
The Pickaway County 4-H Endowment Fund (Pickaway County 4-H Programs)	\$16,709.00		\$16,709.00
The University School Endowment Fund (Grants for Ohio State University Graduate Students)	\$16,681.50		\$16,681.50

THE OHIO STATE UNIVERSITY FOUNDATION

Approval of Description and Establishment of Endowed Fund

The Richard and Karol Wells Scholarship Fund (General Scholarships)		\$20,000.00	\$20,000.00
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**REPORT ON UNIVERSITY DEVELOPMENT (contd)**

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Endowed Funds

The Max A. Karr University Scholarship Fund

The Max A. Karr University Scholarship Fund was established March 12, 1993, by the Board of Trustees of The Ohio State University, with a gift to The Ohio State University Development Fund from the estate of Max A. Karr (B.S.Bus.Adm. '35) and a gift from Clara A. Karr, Livonia, Michigan, in memory of her husband.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide one or more merit scholarships for University Scholars. Should the fund grow sufficiently, it may be used to support Presidential Scholars, Distinguished Scholars, or Medalist Scholars. Students shall be selected based upon the criteria sanctioned by the Senior Vice President for Academic Affairs and Provost and administered by the University Honors Center in consultation with the University Committee on Student Financial Aid.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donors.

\$30,650.65

The Robert C. Gossman & Associates Endowment Fund

The Robert C. Gossman & Associates Endowment Fund was established March 12, 1993, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the Gossman family and friends.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide senior medical students with The Robert C. Gossman & Associates Service Award. The minimum award shall be \$500. The Dean of the College of Medicine and a committee appointed by the Dean shall select the recipient. The Gossman family shall be notified of the award winner.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be determined by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donors.

\$30,572.54

**REPORT ON UNIVERSITY DEVELOPMENT (contd)**

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Endowed Funds (contd)

The Highland County 4-H Endowment Fund

The Highland County 4-H Endowment Fund was established March 12, 1993, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from friends of Highland County 4-H.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to support the Highland County 4-H program. This support may include, but is not limited to, the funding of scholarships and awards for 4-H members, volunteer leaders and friends of 4-H; sponsoring seminars and programs; purchasing material or services that will supplement 4-H programming or increase the visibility and public support for 4-H in Highland County. All expenditures from this fund shall be approved by the Highland County 4-H Committee.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be determined by the Board of Trustees with preference being given to recommendations from the Director of Ohio State University Extension in consultation with a committee representing the local 4-H donors in order to carry out the desire of the donors.

\$27,018

The F. Peter and Gwendolyn Kautz Gross  
Scholarship Fund

The F. Peter and Gwendolyn Kautz Gross Scholarship Fund was established March 12, 1993, by the Board of Trustees of The Ohio State University, with a gift to The Ohio State University Development Fund from Mr. F. Peter Gross (M.A., Psychology '57) of Dublin, Ohio, in memory of Gwendolyn Kautz Gross (M.A., Education '66) and in honor of their joint experiences in education.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide scholarship support for a graduate student(s) in the College of Education with demonstrated financial need who plans to serve public schools. The scholarship shall alternate annually between the school psychology and the school counseling and guidance programs. First preference shall be given to graduates of Ohio Wesleyan University. Selection of the scholarship recipient(s) shall be made by the Dean of the College of Education in consultation with the University Committee on Student Financial Aid. If the school psychology program ceases to exist, the annual income may be used to assist graduate students in the College of Education who plan a career working with special needs students and/or programs. If the school counseling and guidance programs cease to exist, the annual income shall be used to provide scholarship support to the school psychology program. If such program no longer exists, then the annual income shall be used to assist graduate students who plan a career working with special needs students and/or programs.

**REPORT ON UNIVERSITY DEVELOPMENT (contd)**

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Endowed Funds (contd)

The F. Peter and Gwendolyn Kautz Gross  
Scholarship Fund (contd)

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

\$20,000

The Pickaway County 4-H Endowment Fund

The Pickaway County 4-H Endowment Fund was established March 12, 1993, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the Pickaway County 4-H Committee and other friends of the Pickaway County 4-H Program.

The gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees at The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to support the Pickaway County 4-H Programs. This support may include, but is not limited to, the funding of scholarships and awards for 4-H members, volunteer leaders and friends of 4-H; sponsoring seminars and programs; purchasing material or services that will supplement 4-H programming or increase the visibility and public support for 4-H in Pickaway County. All expenditures from this fund shall be approved by the Pickaway County 4-H Committee and the professional in charge of the Pickaway County 4-H Program.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be determined by the Board of Trustees with preference being given to recommendations from the Director of Ohio State University Extension in consultation with a committee representing the Pickaway 4-H donors in order to carry out the desire of the donors.

\$16,709

The University School Endowment Fund

The University School Endowment Fund was established March 12, 1993, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from alumni, faculty and friends of the University School.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

**REPORT ON UNIVERSITY DEVELOPMENT (contd)**

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Endowed Funds (contd)

The University School Endowment Fund (contd)

The annual income shall be used for grants to fund programs and projects incorporating the democratic tenets of the Philosophy and Practices of the University School as defined and published by the School in 1948. These programs and projects shall also address the multiple pressures and problems of schoolchildren of the late 1990s and beyond. Grant recipients must be Ohio State University graduate students in any discipline who have had experience as or are currently practicing educators in the K-12 grade levels.

Specific criteria for selecting grant recipients shall include, but not be limited to: (1) the demonstrated commitment of the candidate to encourage realistic, contemporary, quality educational practices throughout the state and nation; (2) the potential of the candidate's proposed project to improve education in schools; (3) the potential of candidate's proposed project to involve communities with their schools; and (4) the potential of methods into the educational process that might stimulate other practicing educators. The selection of candidates shall be made by the Dean of the Graduate School upon the recommendation of a committee of faculty members. Grants may be awarded for a second year provided the recipient reapplies and is selected by the dean and the faculty committee.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another similar use for the school community shall be chosen by the Board of Trustees in consultation with the Dean of the Graduate School and a committee chosen from among the last ten grant recipients in order to carry out the desire of the donors.

\$16,681.50

THE OHIO STATE UNIVERSITY FOUNDATION

Approval of Description and Establishment of Endowed Fund

The Richard and Karol Wells Scholarship Fund

The Richard and Karol Wells Scholarship Fund was established March 12, 1993, by the Board of Trustees of The Ohio State University through funds received by the University from The Ohio State University Foundation, which has established an endowed fund with gifts designated for the support of the Office of Admissions and Financial Aid from Richard (B.S.Pharm. '56) and Karol (B.S.Ed. '58) Wells, Los Angeles, California.

Income provided by the Foundation shall be distributed to the Office of Student Financial Aid to be used to provide one or more scholarships for a student who (1) does not qualify for need based federal aid but still has difficulty meeting expenses to attend The Ohio State University, and (2) does not qualify for merit based aid but exhibits potential for success at The Ohio State University. Preference shall be given to entering freshmen and scholarships are renewable for up to twelve (12) quarters of satisfactory academic performance. Selection of the scholarship recipients shall be made by the University Committee on Student Financial Aid.

\$20,000

**INVESTMENTS COMMITTEE REPORT (contd)**

Amb. Wolf:

The Investments Committee also heard the monthly Endowment Summary Report for the period January 15, 1993 through February 19, 1993. The market value of the Endowment Fund on February 19, 1993 was \$440.8 million. This total was approximately \$3.3 million below the January 15, 1993 market value. The market value of the equity portion of the Endowment Fund decreased \$6.9 million while the Fixed Income portion increased \$2.8 million during this reporting period. Net new additions to the Endowment Fund for February totalled \$1.3 million. I must add that since the closing date of these figures the market has shot up, as we all know, and these figures would be much more encouraging had we had an up-to-date figure.

Since July 1, 1992, the Endowment Fund has increased over \$38.8 million, including net new additions of \$12.6 million.

I would now like to direct your attention to page four of the Endowment Summary Report located in your agenda book. This new Asset Allocation Summary page indicates that the current asset allocation for the Endowment Fund is 60 percent invested in equities, 26 percent in fixed income, 8 percent in real estate, and 6 percent in cash equivalents. The bottom half of the page indicates that if real estate is backed out, the asset allocation would be 65 percent equities, 28 percent fixed income, and 7 percent cash.

The Investments Committee next heard a report on Endowment Fund Properties. It was noted that the \$38.4 million Endowment Real Estate Portfolio has a total annual return of 8.2 percent. That is just a statement of fact.

(See Appendix XXVIII for chart on Endowment Fund Property, page 619.)

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**FISCAL AFFAIRS COMMITTEE REPORT**

Mr. Shumate:

The Fiscal Affairs Committee met yesterday afternoon and we heard reports on: Deficit Reduction Plan, the State Funding Formula, Budget Themes and Priorities for Fiscal Year 1994, and Fiscal Year 1995-96 Capital Requests. Background information regarding these four items were previously mailed to all members of this Board. The Committee is also recommending the following resolutions:

**REQUEST FOR CONSTRUCTION BIDS**

Resolution No. 93-101

MANSFIELD REGIONAL CAMPUS - UNIVERSITY DRIVE RESTORATION  
MANSFIELD REGIONAL CAMPUS - EISENHOWER CENTER BOILER SYSTEM

Synopsis: The Fiscal Affairs Committee recommended authorization to request construction bids for the listed projects.

**REQUEST FOR CONSTRUCTION BIDS (contd)**

**MANSFIELD REGIONAL CAMPUS - UNIVERSITY DRIVE RESTORATION  
MANSFIELD REGIONAL CAMPUS - EISENHOWER CENTER BOILER SYSTEM (contd)**

WHEREAS the University desires to proceed with the restoration of the deteriorated University Drive on the Mansfield Regional Campus; and

WHEREAS the total estimated project cost is \$145,000.00, and the total estimated construction cost is \$122,000.00; with design funding provided by the Mansfield Regional Campus (\$10,000) and the construction funds provided by House Bill 904 (\$135,000.00); and

WHEREAS the University desires to proceed with the replacement of two failing boilers and associated pumps and recovery tanks in the Eisenhower Memorial Center on the Mansfield Regional Campus; and

WHEREAS the total estimated project cost is \$97,500.00, and the total estimated construction cost is \$81,000.00; with design funding provided by Mansfield Regional Campus (\$7,500.00) and the construction funds provided by House Bill 904 (\$90,000.00);

NOW THEREFORE

BE IT RESOLVED, The President and/or Vice President for Business and Administration be authorized to request construction bids on these projects in accordance with established University procedures, and if satisfactory bids are received, to award contracts, with all actions to be reported to this Board at the appropriate time.

Upon motion of Mr. Shumate, seconded by Mr. Kessler, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix XXIX for maps, page 621.)

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Mr. Shumate:

The next item of business, Mr. Chairman, regards the transfer of jurisdiction for the Fawcett Center for Tomorrow and Mr. Shkurti is going to report on that.

Mr. Shkurti:

Thank you, Mr. Chairman. This last item on the Fiscal Affairs Committee agenda is authorization to transfer administrative responsibility for the Fawcett Center for Tomorrow from the Office of Business and Administration to the Office of Residence and Dining Halls. Vice President Pichette reviewed this matter with the Committee yesterday and the Fiscal Affairs Committee is recommending this action to provide the most effective use of this conference and hotel facility and to eliminate duplication of services.

I would emphasize that the transfer will have no affect on the WOSU stations, the Alumni Association or University Development which are housed in this building, and that all current Fawcett Center personnel will be transferred to Residence and Dining Halls. The transfer has the full support of the Offices of Business and Administration, Finance, and Student Services, and we seek your approval of this

March 12, 1993 meeting, Board of Trustees

Mr. Shkurti: (contd)

administrative change and the necessary revisions in the University Rules to reflect this administrative realignment.

**TRANSFER OF MANAGEMENT OVERSIGHT FOR THE  
FAWCETT CENTER FOR TOMORROW**

Resolution No. 93-102

Synopsis: The Fiscal Affairs Committee recommended that management oversight responsibility for the Fawcett Center for Tomorrow be transferred from the Office of Business and Administration to the Office of Residence and Dining Halls.

WHEREAS the Fawcett Center for Tomorrow provides general conference facilities for the University and provides space for the WOSU Stations, University Development, and The Ohio State University Alumni Association; and

WHEREAS to ensure the most effective use of this facility to support the academic mission and eliminate duplication of services, the Office of Business and Administration and the Office of Student Affairs, in consultation with the other offices involved, have recommended that the Fawcett Center for Tomorrow should continue to be operated as an academic support auxiliary unit and should report to the Office of Residence and Dining Halls:

NOW THEREFORE

BE IT RESOLVED, That effective immediately, responsibility for management oversight for the Fawcett Center for Tomorrow be transferred from the Office of Business and Administration to the Office of Residence and Dining Halls in accordance with a memorandum of understanding to be entered into among the offices involved; and

BE IT FURTHER RESOLVED, That the Secretary of the Board of Trustees be hereby authorized and directed to incorporate this change in the applicable sections of the Bylaws of the Board of Trustees and the Rules of the University Faculty.

Upon motion of Mr. Shumate, seconded by Ms. Casto, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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Mr. Barone:

Before adjourning the meeting, I would like to thank the staff of the Hale Black Cultural Center for the use of their facilities. It has been very pleasant having the Board meeting here.

President Gee:

I would like to recognize Lee Smith, Administrative Secretary of the Center. Lee has worked very closely with Mr. Scott and with all of us in making these arrangements. Lee, we just wanted you to come forward and to tell you how much we appreciated your help. You made it so easy, I think we will come back on a regular basis. Will you thank all of those who worked with you, Lee? I would really appreciate that.

March 12, 1993 meeting, Board of Trustees

Mr. Scott:

Mr. Chairman, I have an announcement. Normally, we have our Board photograph taken in April, but because we are going to be away from the campus we will have the Board photograph in May. A suggestion -- please try to attend!

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**REPORT - UNIVERSITY'S ENDOWMENT FUND**

Resolution No. 93-

103

RESOLVED, That the report on the University's Endowment Fund, dated February 19, 1993, as submitted to the Investments Committee of the Board of Trustees, be received and filed with the official records of the Board.

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Thereupon the Board adjourned to meet Friday, April 2, 1993, at the Ohio Agricultural Research and Development Center, Wooster, Ohio.

Attest:

Madison H. Scott  
Secretary

John J. Barone  
Chairman

THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND TWO HUNDRED AND NINETY-FIRST MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, April 2, 1993

The Board of Trustees met at its regular monthly meeting on Friday, April 2, 1993, at the Ohio Agricultural Research and Development Center, Wooster, Ohio, pursuant to adjournment.

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Minutes of the last meeting were approved.

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April 2, 1993 meeting, Board of Trustees

The Chairman, Mr. Barone, called the meeting of the Board of Trustees to order on April 2, 1993, at 10:40 a.m. He requested the Secretary to call the roll.

Present: John J. Barone, Chairman, Alex Shumate, Theodore S. Celeste, Michael F. Colley, George A. Skestos, Kristen Cusack, and Hiawatha N. Francisco, Jr.

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Mr. Barone announced the appointment of the following persons to the Nominating Committee for the selection of Board Officers for 1993-94:

John J. Barone, Chairman  
Deborah E. Casto  
John W. Kessler

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### **PRESIDENT'S REPORT**

President Gee:

Ladies and gentlemen, I am delighted to be in Wooster, and pleased that Bill Anderson, Director of ATI, and Tom Payne, Director of OARDC, are hosting us today. I would particularly like to thank Tom -- who assumed his new role with OARDC in January -- and Bill, not only for their efforts today, but more importantly for their good work at this outstanding facility. Fisher Auditorium, the building we are in today, is one of the finest facilities that we have in this University.

As we all know, Agriculture is Ohio's number one industry. From the University's very beginnings as the Ohio Agricultural and Mechanical College, Ohio A & M, Ohio State -- as a land-grant institution -- has been committed to agricultural education and service. And it is fitting that with the arrival of spring and the anticipation of a season of growth, that we gather at OARDC and ATI, which make such important contributions to Ohio's agri-business.

As many of you know, since the spring of 1991, I have taken a number of trips around Ohio to learn more about the state and it's people. And, earlier this week I spent three days in southwest Ohio. We focused a good bit of our time on student recruitment. In Montgomery County and again in Hamilton County a group of our faculty and honors students joined me in meeting high ability juniors and their parents. The response to our invitations exceeded even our own expectations, as an increasing number of Ohio's best and brightest are enthusiastic about our great university and attending that institution.

I also had the opportunity to visit with young people in their schools. At the Hughes Center in Cincinnati, I was interviewed on a 30-minute talk show produced and staffed entirely by students in The High School for Communication Professions. This program is broadcast to all of the Cincinnati Public Schools. A group of Brown County 4-H members told me of their nationally recognized traffic safety program for first-time juvenile traffic offenders called Carteens. A peer to peer program, the Carteens work with the County Probate Court and the State Highway Patrol. The 4-H members prepare and present a two-hour seminar on traffic safety. The number of second-time juvenile offenders has dropped by 89 percent in Brown County since this program began. And I think, Bobby, you should tell our 4-H people how

## PRESIDENT'S REPORT (contd)

President Gee: (contd)

pleased I am with that program. As I could see from the briefing they did for me, the students also are developing leadership skills through the program. This is an outstanding example of the partnership between Ohio State Extension and the community. The Carteens program has spread to a dozen other Ohio counties and is now being replicated in several other states.

My state tours always include meetings with our enthusiastic alumni and friends, representatives of the media, and public officials. A quick count from all of the events revealed that I addressed a total of more than 1,000 people during those three days. I am not certain that they were necessarily pleased about it, but we had a great time and only once did I forget what town I was in. I knew it was time to head for home, however, when at the very last event in this marathon, at a dinner in Manchester, Ohio, which is in Adams County, I could not recall the name of the university that I was president of!

These tours give me the opportunity to see the work of our faculty in the field and the factory. One theme that is readily apparent when you get out into the communities of this beautiful state is that our research, teaching, and service are making a difference to the people of Ohio. Clearly, all of us share a commitment to enhancing each aspect of our three-part mission. Last month it was a particular pleasure for me to take part in an induction ceremony for our newly formed Academy of Teaching. This is an exciting step that builds on a long tradition of excellence in teaching at Ohio State. We inducted almost 100 faculty at all ranks, from academic units across our campuses, who have demonstrated outstanding teaching abilities. We are asking them, through the Academy, to become "teaching ambassadors," telling audiences across our campuses and around the state about our teaching success stories. And, they will advise me and the Office of Academic Affairs on important issues related to our teaching mission so that we can build on the strong base of teaching that currently exists.

To continue our pursuit of excellence, you have before you today the appointments of two individuals who bring to us outstanding experience and exceptional skills. I am delighted to recommend to you Dr. Randall Ripley as the dean of the College of Social and Behavioral Sciences. As a leading national scholar in the fields of public policy and Congress, Dr. Ripley had a significant role in bringing our political science department to national prominence during his years as chair. Since April of last year, he has done a superb job as acting dean of the college, and I know that he will continue to provide strong and effective leadership.

I am also pleased to recommend to you Dr. Dominic Dottavio as the dean and director of The Ohio State University at Marion. That by the way ought to make you very happy, John. The Ohio State University at Marion, as you well know, is one of our regional campuses and this position will mark a return for him to Ohio State, where he received his bachelor's degree before going on to Yale and Purdue for his graduate work. The very able search committee and members of the Marion community were particularly impressed with Dr. Dottavio's scholarly and administrative credentials, and with his enthusiasm.

Enthusiasm is definitely a word that captures not only The Ohio State University, but the spirit of our women's basketball team and its many fans. As you are well aware, they are co-champs of the Big Ten and tomorrow in Atlanta, they will enter Ohio

## **PRESIDENT'S REPORT (contd)**

President Gee: (contd)

State's first-ever Final Four in women's basketball as they face Iowa. I am very impressed with these student athletes because they win, and clearly they win in the right way...in the classroom, the community, and on the court.

We do indeed have much of which to be proud. A recent survey reported in the March 22 issue of U.S. News & World Report ranked Ohio State's College of Medicine second among the top comprehensive medical schools in the nation. Congratulations by the way, Manual.

As we continue on our path of national and international distinction, I would like to mention the April 23 workshop for our academic leaders and Board members on Strategic Opportunities in Russia. Given our substantial international programs and involvements, along with the new circumstances in Russia, the workshop will explore issues and implications for higher education and Ohio State. I know that we all look forward to a vigorous and lively exchange with leading Russian experts, and certainly we will attempt to understand the quickly changing scene in the former Soviet Union. Ohio State's leadership role can be expanded to the benefit of our state and nation.

Finally, I would like to report on our initiatives under way that will continue to encourage equity and diversity in the university community. As many of you know, three university committees reviewing equity-related issues submitted their reports in the fall. An institutional response related to the work of these committees was released last week. The actions outlined in this document are only a beginning, and I expect deans, chairpersons, vice presidents, and managers to provide the leadership to achieve our objectives. Similarly, I expect all faculty and staff to work together with our students in making Ohio State a truly diverse community characterized, I might note, by civility, tolerance, and mutual respect.

Mr. Chairman, this completes my report and I thank you.

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## **RESEARCH FOUNDATION REPORT**

Mr. Celeste:

You will find a summary of the Grants and Contracts received by The Ohio State University Research Foundation during the month of February at Tab 1 in your Research Foundation Report. The awards for the period July through February from Federal sponsors continue to increase and are up 8.4 percent. However, the total awards are down about 5 percent. Most of this decrease is due to one large multi-year award received last year that we've mentioned before.

At Tab 2 you will find expenditure summaries for the month of February. Total expenditures have increased 5.2 percent and indirect cost recovery is up 4.7 percent.

Some new projects of special interest that were funded in the month of February are listed at Tab 3. I thought you might be interested that Professor Richard Howell in the Department of Educational Policy and Leadership has been funded by the

## **RESEARCH FOUNDATION REPORT (contd)**

Mr. Celeste: (contd)

Department of Education to develop a prototype music system for children with physical disabilities. This system will expand and enhance the artistic opportunities which contribute to healthy development and learning in childhood.

In another Department of Education study under the direction of Professor Arnold Mokma, the Agricultural Technical Institute has formed a partnership with a local industry to implement a workplace literacy program. It is expected that about 80 percent of the employees will volunteer for competency assessment or training in reading, writing, listening, math, and teamwork skills.

I thought you might also be interested to know that this week, I had the pleasure of meeting with Professor Robert Wagoner, Chairperson of Materials Science and Engineering, to discuss his activities relating to defense conversion. He is one of several faculty working to position themselves to take advantage of funding opportunities under the Technology Reinvestment Project authorized by the Defense Conversion, Reinvestment, and Transition Assistance Act of Fiscal Year 1993.

At Tab 4 is the list of all projects funded in February.

Tab 5 includes press releases issued by University Communications highlighting recent research activity.

Effective February 1, 1993, the Research Foundation entered into a Memorandum of Agreement with the College of Engineering for purposes of enhancing the services to faculty in the College. Pre-award and development services will be provided through staff holding joint appointments between the Research Foundation and the College, all in collaboration with other staff of the Research Foundation. Post-award activities will be provided by the Research Foundation in the same manner as for all other University units. As a result, this is the last month for a regular report of grant and contract activity from the Engineering Experiment Station. The Engineering Experiment Station may report to the Board on other activities from time to time.

### **REPORT OF RESEARCH CONTRACTS AND GRANTS**

Resolution No. 93-104

Synopsis: The reports on research and other sponsored program contracts and grants and the summary for February 1993 are presented for Board acceptance.

WHEREAS monies are solicited and received on behalf of the University from governmental, industrial, and other agencies in support of research, instructional activities, and service; and

WHEREAS such monies are received through The Ohio State University Research Foundation and the Engineering Experiment Station of The Ohio State University:

NOW THEREFORE

BE IT RESOLVED, That the research agreement between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the reports from the Engineering Experiment Station during the month of February 1993 be approved.

**REPORT OF RESEARCH CONTRACTS AND GRANTS (contd)**

Upon motion of Mr. Celeste, seconded by Mr. Colley, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

Summary

FEBRUARY 1993

<u>Source</u>	<u>7/1/91-2/29/92</u>	<u>7/1/92-2/28/93</u>	<u>February 1993</u>
The Ohio State University Research Foundation	\$105,245,198.36	\$ 99,789,966.22	\$ 10,593,018.20
Engineering Experiment Station	\$ 4,093,915.00	\$ 5,460,870.00	\$ 136,670.00

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**UNIVERSITY DEVELOPMENT REPORT**

Mr. Celeste:

As you can see from the report, total giving from private sources is up 47 percent through the first seven months compared to the same period last year. Individual giving continues to be strong, up 28 percent compared to last year, in part due to four major gifts totaling \$5.3 million.

Corporate giving continues to run ahead of last year largely due to two gifts-in-kind reported earlier. Factoring out the gifts-in-kind, we are still up 8 percent in corporate giving cash receipts.

Private foundation giving is lagging behind last year largely due to the fact that two major gifts totaling \$1.1 million were received by this time last year, but similar gifts have not been received yet this year.

Of the \$50.7 million in private support recorded so far this year, \$14.1 million will go to the endowment of the University. This endowment increase is 47 percent above the same time last year.

Are there any questions about any of the sections of the report? If not, I would like to recommend to the Board the establishment of 9 new named endowed funds totaling \$506,863 in restricted support to the University. I am also recommending the establishment of one designated chair (current use) in the amount of \$75,000 per year for three years, and the revision of the name and/or description of two previously established named endowed funds.

**REPORT ON UNIVERSITY DEVELOPMENT**

Resolution No. 93-105

Synopsis: The report on the receipt of gifts and the summary for February 1993 are presented for Board acceptance.

**REPORT ON UNIVERSITY DEVELOPMENT (contd)**

WHEREAS monies are solicited and received on behalf of the University from alumni, industry, and various individuals in support of research, instructional activities, and service; and

WHEREAS such gifts are received through The Ohio State University Development Fund and The Ohio State University Foundation; and

WHEREAS funds have been received through the Development Fund to establish The NCR Designated Chair in Biodynamics; and

WHEREAS this report includes the establishment of nine (9) new named endowed funds and amendments to two (2) endowment funds:

NOW THEREFORE

BE IT RESOLVED, That the acceptance of the report from The Ohio State University Development Fund and The Ohio State University Foundation during the month of February 1993 be approved.

Upon motion of Mr. Celeste, seconded by Mr. Shumate, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

SUMMARY

TOTAL UNIVERSITY PRIVATE SUPPORT

July-February  
1991-92 compared to 1992-93

GIFT RECEIPTS BY DONOR TYPE

	Dollars		
	July through February		
	<u>1991-92</u>	<u>1992-93</u>	<u>% Change</u>
Individuals:			
Alumni (Current Giving)	\$ 7,201,566	\$10,686,310	48
Alumni (From Bequests)	<u>1,612,600</u>	<u>2,034,714</u>	26
Alumni Total	\$ 8,814,166	\$12,721,024	44
Non-Alumni (Current Giving)	\$ 4,683,728	\$ 5,308,109	13
Non-Alumni (From Bequests)	<u>2,274,824</u>	<u>2,161,634</u>	(5)
Non-Alumni Total	\$ 6,958,552	\$ 7,469,743	7
Individual Total	\$15,722,718	\$20,190,767	28
Corporations/Corp. Foundations	\$10,887,958	\$23,920,624	120
Private Foundations	\$ 5,105,080	\$ 3,842,612	(25)
Associations & Other Organizations	<u>\$ 2,870,543</u>	<u>\$ 2,803,536</u>	(2)
TOTAL	\$34,636,299	\$50,757,539	47

**REPORT ON UNIVERSITY DEVELOPMENT (contd)**

SUMMARY (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

	<u>Previous Gifts</u>	<u>Current Gifts</u>	<u>Total Gifts</u>
Establishment of Named Designated Chair			
The NCR Designated Chair in Biodynamics (Industrial & Systems Engineering)		\$75,000.00	\$ 75,000.00
Establishment of Named Endowed Funds			
The R. A. Bloch Cancer Foundation Endowment Fund (Cancer Survivors Park - Chadwick Arboretum)	\$250,000.00		\$250,000.00
The Gerhard M. Kuechle Mechanical Engineering Scholarship Fund (Scholarship - Mechanical Engineering)		\$100,000.00	\$100,000.00
The Charles D. Hill Equine Nutrition Fund (Equine Research - Animal Science)		\$ 50,000.00	\$ 50,000.00
The Linda and Larry Abbott Athletic Scholarship Fund (Grant-in-Aid Scholarships - Athletics)		\$ 20,000.00	\$ 20,000.00
The Dale R. Pflaumer Athletic \$ 18,845.00 Scholarship Fund (Grant-in-Aid Scholarships - Athletics)		\$ 18,845.00	
The Carl W. and Mary Alice Groppe Large Animal Research Fund (Research - Veterinary Medicine)		\$ 18,018.00	\$ 18,018.00
The Donna Sell Kohlhepp and Daniel B. Kohlhepp \$ 15,000.00 Scholarship Fund (Scholarships - Real Estate & Nursing)	\$ 15,000.00	\$ 15,000.00	
The Williams County 4-H Endowment Fund (Williams County 4-H Programs)		\$ 15,000.00	\$ 15,000.00
Change in Name and Description of Named Endowed Fund			
From: The Robert M. Estrich Fellowship Fund			
To: The Robert M. Estrich Memorial Fund			
Change in Description of Named Endowed Fund			
Harry W. Ebert Scholarship in Welding Engineering			

**REPORT ON UNIVERSITY DEVELOPMENT (contd)**

SUMMARY (contd)

THE OHIO STATE UNIVERSITY FOUNDATION

	<u>Previous Gifts</u>	<u>Current Gifts</u>	<u>Total Gifts</u>
Approval of Description and Establishment of Named Endowed Fund			
The Shirle N. and William King Westwater Fund (Office of the President and College of Medicine)	\$ 20,000.00		\$ 20,000.00

**REPORT ON UNIVERSITY DEVELOPMENT (contd)**

**ESTABLISHMENT OF NAMED DESIGNATED CHAIR**

**The NCR Designated Chair in Biodynamics**

The NCR Designated Chair in Biodynamics was approved April 2, 1993, by the Board of Trustees of The Ohio State University, with a pledge of \$75,000 per year for three years from the NCR Corporation and the first annual gift having been received.

The annual gift shall be used to provide support for the work of an outstanding faculty member in the Department of Industrial and Systems Engineering who is affiliated with the Department's Biodynamics Laboratory. This professor shall be recommended by the Chairperson of the Department of Industrial and Systems Engineering through the Dean of the College of Engineering to the Provost, and approved by the Board of Trustees.

The designated chair may be renewed at the prevailing amount and term at the time of renewal.

\$75,000.00

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND**

**Establishment of Named Endowed Funds**

**The R.A. Bloch Cancer Foundation Endowment Fund**

The R.A. Bloch Cancer Foundation Endowment Fund was established April 2, 1993, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Richard and Annette Bloch for the development and maintenance of the Cancer Survivors Park at The Ohio State University Chadwick Arboretum, Columbus, Ohio.

All gifts are to be invested in the University's permanent endowment fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income, and principal when necessary, shall be used for the development of the Cancer Survivors Park at the Chadwick Arboretum. These expenditures include, but are not limited to:

- (1) the construction, installation and interpretation of landscape spaces whether new, additional or renovation of existing grounds, plantings, structures, art objects and buildings of the Arboretum;
- (2) the maintenance of the above whether as supplies, services, equipment and labor in the form of permanent and/or temporary wages; and
- (3) the interpretation of the site in the form of signage and educational programming.

The Ohio State University Chadwick Arboretum Coordinating Council shall have responsibility for and must approve all expenditures from the fund. Any principal remaining after the construction phase shall be left in the endowment fund to provide for future maintenance, repair, and care of the Cancer Survivors Park.

**REPORT ON UNIVERSITY DEVELOPMENT (contd)**

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Endowed Funds (contd)

The R.A. Bloch Cancer Foundation Endowment Fund (contd)

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donors.

\$250,000.00

The Gerhard M. Kuechle Mechanical Engineering  
Scholarship Fund

The Gerhard W. Kuechle Mechanical Engineering Scholarship Fund was established April 2, 1993, by the Board of Trustees of The Ohio State University, with a gift to The Ohio State University Development Fund from Gerhard M. Kuechle (B.M.E. '24).

All gifts are to be invested in the University's permanent endowment fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide one or more scholarships to worthy students majoring in mechanical engineering who have completed their freshman year. Selection shall be based on academic merit. Recipients will be eligible for renewed awards as long as each maintains progress towards a degree and high academic standards. The selection shall be made by the Dean of the College of Engineering in consultation with the Chair of the Department of Mechanical Engineering and the University Committee on Student Financial Aid.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

\$100,000.00

The Charles D. Hill Equine Nutrition Fund

The Charles D. Hill Equine Nutrition Fund was established April 2, 1993, by the Board of Trustees of The Ohio State University, with a bequest to The Ohio State University Development Fund from Charles D. Hill, Chief Executive Officer and President of the Scioto Downs Corporation, and preeminent owner and breeder of Standardbred horses.

All gifts are to be invested in the University's permanent endowment fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to support equine research and educational programs within the Department of Animal Science (or its successor administrative unit). Utilization of income shall give

**REPORT ON UNIVERSITY DEVELOPMENT (contd)**

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Endowed Funds (contd)

The Charles D. Hill Equine Nutrition Fund (contd)

special attention to neonatal nutrition and management and to reproductive problems involving nutrition and management of pregnant females. Allocation of income for the aforementioned purposes shall be at the discretion of the Chairperson of the Department of Animal Science with concurrence by the Vice President of Agricultural Administration and Dean, College of Agriculture.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

\$50,000.00

The Linda and Larry Abbott Athletic Scholarship Fund

The Linda and Larry Abbott Athletic Scholarship Fund was established April 2, 1993, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from Linda (B.S., Occupational Therapy, 1970) and Larry Abbott (B.S., Finance '70; M.B.A. '80), Columbus, Ohio.

All gifts are to be invested in the University's permanent endowment fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to supplement the grant-in-aid scholarship costs of student athletes who are members of the varsity men's basketball team pursuing undergraduate degrees at The Ohio State University. Recipients shall be selected by the Director of Athletics in consultation with the University Committee on Student Financial Aid.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees as recommended by the Director of Athletics in order to carry out the desire of the donors.

\$20,000.00

The Dale R. Pflaumer Athletic Scholarship Fund

The Dale R. Pflaumer Athletic Scholarship Fund was established April 2, 1993, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from family and friends in memory of Dale R. Pflaumer (B.Cer.E. '58).

All gifts are to be invested in the University's permanent endowment fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

**REPORT ON UNIVERSITY DEVELOPMENT (contd)**

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Endowed Funds (contd)

The Dale R. Pflaumer Athletic Scholarship Fund (contd)

The annual income shall be used to supplement the grant-in-aid scholarship costs of the Senior Head Football Manager who is pursuing an undergraduate degree at The Ohio State University. If the Head Football Manager is not a senior, the underclassman serving as the Head Manager may be the recipient. In all cases, the recipient must be carrying a minimum of 12 academic credit hours per quarter and have a minimum G.P.A. of 2.00. The recipients must be making satisfactory progress towards a degree. Recipients shall be selected by the Director of Athletics in consultation with the University Committee on Student Financial Aid.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees as recommended by the Director of Athletics in order to carry out the desire of the donors.

\$18,845.00

The Carl W. and Mary Alice Groppe  
Large Animal Research Fund

The Carl W. and Mary Alice Groppe Large Animal Research Fund was established April 2, 1993, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from Mary Alice Groppe, Salem, Ohio, in memory of her husband, Carl W. Groppe (D.V.M. '32).

All gifts are to be invested in the University's permanent endowment fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be distributed to the College of Veterinary Medicine in support of research into cures for diseases of large animals.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

\$18,018.00

The Donna Sell Kohlhepp and Daniel B. Kohlhepp  
Scholarship Fund

The Donna Sell Kohlhepp and Daniel B. Kohlhepp Scholarship Fund was established April 2, 1993, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Daniel B. Kohlhepp (Ph.D., Business Administration '74) and Donna Sell Kohlhepp (B.S.Nurs. '74) of Baltimore, Maryland.

**REPORT ON UNIVERSITY DEVELOPMENT (contd)**

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Endowed Funds (contd)

The Donna Sell Kohlhepp and Daniel B. Kohlhepp  
Scholarship Fund (contd)

All gifts are to be invested in the University's permanent endowment fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide for scholarships to entering or currently enrolled female students who are majoring in real estate or nursing. Scholarship recipients shall be selected on financial need with preference being given to students who exhibit leadership skills and who are active in extracurricular activities. Selection of the award recipients shall be made by the University Committee on Student Financial Aid in consultation with the scholarship coordinators in each of the respective program areas.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donors.

\$15,000.00

The Williams County 4-H Endowment Fund

The Williams County 4-H Endowment Fund was established April 2, 1993, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from Glen and Irma Fitzenrider (B.S.H.E. '43) of Bryan, Ohio.

All gifts are to be invested in the University's permanent endowment fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to support the Williams County 4-H Program. This support may include, but is not limited to, funding of youth development, educational activities, and trips; volunteer development, educational opportunities, materials, seminars, and workshops; and increasing the visibility and public support for 4-H in Williams County. All expenditures from this fund shall be approved by the Williams County 4-H Advisory Committee and the professional in charge of the Williams County 4-H Program.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees with preference being given to recommendations from the Director for The Ohio State University Extension, in consultation with a committee representing the local 4-H donors, in order to carry out the desire of the donors.

\$15,000.00

**REPORT ON UNIVERSITY DEVELOPMENT (contd)**

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Change in Name and Description of Named Endowed Fund

The Robert M. Estrich Memorial Fund

The Robert M. Estrich Fellowship Fund was established October 5, 1990, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from Alice E. Estrich of Columbus, Ohio, colleagues, friends and former students in memory of Robert M. Estrich (M.A., English '29; Ph.D., English '35), Professor Emeritus, The Ohio State University Department of English. The name of the fund and description were revised April 2, 1993.

All gifts are to be invested in the University's permanent endowment fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide one or more fellowships for graduate students in the English Department of the College of Humanities while writing dissertations for the degree of Doctor of Philosophy. If no candidate appears during the appropriate period, whose qualifications meet the approval of the committee, then the grant which would have been awarded at that time shall revert to and become part of the principal of the fund. The committee selecting the recipient of the grant shall be composed of the Dean of the College of Humanities, the Chairperson of the Department of English, a senior professor in the English Department, and a senior graduate student of the English Department.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donors.

Change in Description of Named Endowed Fund

Harry W. Ebert Scholarship in Welding Engineering

The Harry W. Ebert Scholarship in Welding Engineering was established April 5, 1985, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from Harry W. Ebert (B.W.E. '48), his family, friends and associates. The description was revised April 2, 1993.

All gifts are to be invested in the University's permanent endowment fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used primarily to support worthy welding engineering students. Each Ebert Scholar shall have proven academic ability. Preference shall be given to (1) immigrants and children of immigrants; (2) veterans of the U.S. Armed Forces with a minimum of two years of honorable service; (3) members or graduates of an advanced R.O.T.C. program; and (4) other deserving welding engineering students. If welding engineering is no longer offered as a major at The Ohio State University, then other engineering graduates shall be considered using the same selection criteria. If the University ceases to award any engineering degrees, then qualified

**REPORT ON UNIVERSITY DEVELOPMENT (contd)**

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Change in Description of Named Endowed Fund (contd)

Harry W. Ebert Scholarship in Welding Engineering (contd)

candidates among mathematics and physical science majors shall be eligible. Selection of each recipient shall be made by the Chairperson of the Department of Welding Engineering in conjunction with the Dean of the College of Engineering and in cooperation with the University Committee on Student Financial Aid.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

THE OHIO STATE UNIVERSITY FOUNDATION

Approval of Description and Establishment of Named Endowed Fund

The Shirle N. and William King Westwater Fund

The Shirle N. and William King Westwater Fund was established April 2, 1993, by the Board of Trustees of The Ohio State University through funds received by the University from The Ohio State University Foundation, which has established an endowed fund with gifts from Shirle Nesbitt Westwater and William King Westwater (B.A., Economics '35), Columbus, Ohio.

Income provided by the Foundation shall be divided equally between the President of The Ohio State University and the Dean of the College of Medicine and shall be expended by them without restriction.

\$20,000.00

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**FISCAL AFFAIRS COMMITTEE MEETING**

Mr. Shumate:

For our first item of business this morning, I'd like to call upon Vice President Janet Pichette to present the resolutions to the Board.

Ms. Pichette:

Thank you, Mr. Chairman. These first two resolutions will continue the process we began at the February meeting to initiate design work on projects funded by House Bill 904, the Biennial Capital Appropriations Bill. We have included in your materials, a summary sheet showing the status of those capital appropriations. The two resolutions today, address the first two entries on the summary for a total of 12 new line-item projects. With these resolutions, we'll proceed with about \$53 million

**FISCAL AFFAIRS COMMITTEE MEETING (contd)**

Ms. Pichette: (contd)

of the \$62 million appropriated. At the May meeting, we plan to present resolutions for the remainder of the appropriations except for those renovation funds that might be held in reserve for emergencies.

The first resolution covers new line-item projects for which only planning funds were appropriated. So it authorizes only design work for those five projects listed and the total is \$4.88 million. I would be happy to answer any questions and would like a motion to approve this resolution.

**EMPLOYMENT OF ARCHITECTS/ENGINEERS**

Resolution No. 93-106

**PROJECTS FUNDED BY AMENDED SUBSTITUTE HOUSE BILL 904**

Synopsis: The Fiscal Affairs Committee recommended the employment of Architects/Engineers for projects funded by Amended Substitute House Bill 904.

WHEREAS authorization to employ architects/engineers for the following projects is recommended:

Life Science Research Building - Planning  
Instructional and Academic Building - Planning  
Conference Center - ATI - Planning  
Student Services Building - Newark - Planning  
Food Science and Technology Building - Planning

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to select qualified architectural/engineering firms as necessary for these projects and that the fees for these services be negotiated between the firm selected and the University or State of Ohio, as appropriate.

Upon motion of Mr. Shumate, seconded by Mr. Celeste, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix XXX for background information, page 667.)

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Ms. Pichette:

This resolution, Mr. Chairman, will authorize the University to proceed with seven other projects for which total project funds were appropriated in House Bill 904. The total amount is \$21.544 million. We seek your approval to hire design professionals and request construction bids for these projects.

**EMPLOYMENT  
OF ARCHITECTS/ENGINEERS AND  
REQUEST FOR CONSTRUCTION BIDS**

Resolution No. 93-107

**PROJECTS FUNDED BY AMENDED SUBSTITUTE HOUSE BILL 904**

Synopsis: The Fiscal Affairs Committee recommended the employment of Architects/Engineers and request for Construction Bids for Projects funded by Amended Substitute House Bill 904.

WHEREAS authorization to employ architects/engineers and request construction bids for the following projects is recommended:

Poultry Building Replacement - OARDC  
Horticulture and Entomology Greenhouse - OARDC  
Stillman Hall Addition  
Poultry Science Facility - Phase 1A  
Composting Research Facility - OARDC  
Library and Classroom Building - Marion  
Health Sciences Library Improvements

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to select qualified architectural/engineering firms as necessary for these projects and that the fees for these services be negotiated between the firm selected and the University or State of Ohio, as appropriate; and

BE IT FURTHER RESOLVED, That the President and/or Vice President for Business and Administration be authorized to request construction bids on these projects in accordance with established University and State of Ohio procedures, and if satisfactory bids are received, to recommend the award of contracts to the Department of Administrative Services, Division of Public Works, or to award contracts, with all actions to be reported to this Board at the appropriate time.

Upon motion of Mr. Shumate, seconded by Mr. Colley, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix XXXI for background information, page 671.)

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**PURCHASE OF REAL PROPERTY**

Resolution No. 93-108

43-47 1/2 NORTHWOOD AVENUE  
COLUMBUS, OHIO

Synopsis: Authorization to purchase improved real property at 43 - 47 1/2 Northwood Avenue in Columbus, Ohio, is proposed.

**PURCHASE OF REAL PROPERTY (contd)**

43-47 1/2 NORTHWOOD AVENUE  
COLUMBUS, OHIO (contd)

WHEREAS The Ohio State University has been presented with an opportunity to purchase four lots located at 43-47 1/2 Northwood Avenue in Columbus, Ohio; and

WHEREAS this property has an appraised value of \$137,000 to \$185,000 and the owners, Dr. Charles W. Pavey, Sr., Nancy Pavey Martin, W. Heckman, et al., of Columbus have offered to sell these lots to the University at a price of \$150,000; and

WHEREAS this property is adjacent to University property that is the site for a new facility to house the University's Family Practice Center, the Office of Human Resources' Employment Services, and a community center, and the appropriate University offices have determined that these lots are required to provide adequate parking for the faculty and that the purchase of this property is in the best interest of the University; and

WHEREAS funds for the purchase will be provided from the Northwood/High Building project account:

NOW THEREFORE

BE IT RESOLVED, that the President and/or Vice President for Business and Administration be authorized to purchase, in the name of the State of Ohio for the use of The Ohio State University, the four lots located at 43-47 1/2 Northwood Avenue at a price not to exceed \$150,000, upon such terms and conditions as are deemed to be in the best interest of the University, subject to the University receiving the necessary approvals from the Ohio Board of Regents and the State Controlling Board.

Upon motion of Mr. Shumate, seconded by Mr. Skestos, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix XXXII for background information and map, page 675.)

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**PURCHASE OF REAL PROPERTY**

Resolution No. 93-109

1618 HIGHLAND STREET  
COLUMBUS, OHIO

Synopsis: Authorization to purchase improved real property at 1618 Highland Street in Columbus, Ohio is proposed.

WHEREAS The Ohio State University has been presented with an opportunity to purchase the improved real property located at 1618 Highland Street in Columbus, Ohio; and

WHEREAS this property has an average appraised value of \$128,000.00, and the owner, American National Red Cross has offered to sell the property to the University at a price of \$105,000.00; and

WHEREAS this property is located within the South Campus acquisition boundary of the University's Master Plan and the appropriate University offices have determined that the purchase of this property is in the best interest of the University; and

**PURCHASE OF REAL PROPERTY (contd)**

1618 HIGHLAND STREET  
COLUMBUS, OHIO (contd)

WHEREAS funds for the purchase will be provided from general University funds:

NOW THEREFORE

BE IT RESOLVED, That the President and/or the Vice President for Business and Administration be authorized to purchase, in the name of the State of Ohio for the use of The Ohio State University, the improved real property located at 1618 Highland Street at a price not to exceed \$105,000.00, upon such terms and conditions as are deemed to be in the best interest of the University, subject to the University receiving the necessary approvals from the Ohio Board of Regents and the State Controlling Board.

Upon motion of Mr. Shumate, seconded by Mr. Celeste, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix XXXIII for background information and map, page 679.)

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**EASEMENT**

Resolution No. 93-110

UNITED TELEPHONE SYSTEM  
MANSFIELD CAMPUS

Synopsis: The Fiscal Affairs Committee recommended authorization to grant an easement for the installation of fiber optic cable on University property located on the Mansfield Regional Campus along County Road 133 and the immediate vicinity.

WHEREAS the United Telephone System has requested a 15-year easement consisting of a strip of land approximately 15 feet in width and approximately 1,233 feet in length and an additional strip of land approximately 30 feet in width and approximately 37 feet in length all for the installation of underground fiber optic cable at the Mansfield Regional Campus along County Road 133 and the immediate vicinity; and

WHEREAS this easement will serve private property, and United Telephone System will compensate the University with a lump sum payment of \$500.00 to cover administrative costs; and

WHEREAS the appropriate University offices have recommended the approval of this easement:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to request the Deputy Director of Public Works of the Department of Administrative Services, to act for and on behalf of the University in developing the necessary legal instruments to provide for this easement.

Upon motion of Mr. Shumate, seconded by Mr. Celeste, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix XXXIV for map, page 683.)

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**FISCAL AFFAIRS COMMITTEE MEETING (contd)**

Mr. Shumate:

Mr. Chairman, our next item of business deals with the subject of benefits and I am going to call upon Vice President Linda Tom to present this resolution.

Ms. Tom:

The first resolution in your book has to do with the award of the Claims Administration Services Contract to Central Benefits Mutual Insurance Company. In our continuing efforts to improve the administration and cost effectiveness of our medical plans, the University determined that we would benefit by consolidating our administration from three administrators to one administrator for the University's medical plans.

We had an open bid process and received eight bids. We had a committee that was comprised of faculty and staff who reviewed the bids. It is now recommended that we award the contract to Central Benefits Mutual Insurance Company at the cost of \$69,280 a month and the numbers for the various plans are indicated in the resolution. I'll be happy to answer any questions?

**AWARD OF MEDICAL PROGRAMS CLAIMS  
ADMINISTRATION SERVICES CONTRACT**

Resolution No. 93-111

Synopsis: The Fiscal Affairs Committee recommended the award of claims administration services for the University's medical insurance benefits programs.

WHEREAS after specification and proposal forms were mailed to twenty-one companies: eleven attended a pre-bid conference, eight of which submitted proposals for consideration; and

WHEREAS William M. Mercer, Incorporated was employed to assist the Vice President of Human Resources in the investigation and analysis of the proposals; and

WHEREAS the appropriate University offices have reviewed the proposals, and based on financial considerations, claims processing capability and other administrative services to be provided, it is the recommendation of the Office of Human Resources that the lowest responsive and responsible bid be awarded the University contract. This bidder is Central Benefits Mutual Insurance Company. Quoted rates are:

<u>Type of Medical Plan</u>	<u>Administrative Cost Per Person Per Month</u>
OSU Health Plan	\$ 4.23
Traditional Health Plan	\$ 4.23
Buckeye Health Plan	\$ 4.23
Exclusive Provider Organization	\$ 4.23
Individual Conversion Policy	\$ .10
 Total Monthly Cost for 16,000 Faculty and Staff	 \$69,280.00

NOW THEREFORE

**AWARD OF MEDICAL PROGRAMS CLAIMS  
ADMINISTRATION SERVICES CONTRACT (contd)**

BE IT RESOLVED, That the contract for claims administration services for the University's medical insurance benefits plans be awarded to Central Benefits Mutual Insurance Company for a one-year period effective July 1, 1993, with the administration fee and the performance of the administrator to be reviewed annually. This administrative services contract will remain in force after the initial term until the University deems it appropriate to review the designation of the administrator and/or seek a new price quotation

Upon motion of Mr. Shumate, seconded by Mr. Celeste, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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Mr. Shumate:

Our next agenda item is on the topic of premium holiday and I, again, call upon Vice President Tom.

Ms. Tom:

At the February 4 meeting, the Board approved the University reducing its medical reserve from 20-25 percent to 5 percent. Again, this was part of our ongoing effort to improve our benefits program administration and we reviewed the practice of maintaining reserves for our health plans.

As a little bit of background, in the mid-'70s our reserves were maintained at about 20-25 percent and this was at a time when the University's medical plans were carried through insurance programs. The purpose of the reserves was to handle fluctuating claims from month to month, but also to protect the insurance companies in the event that the University would cancel the contracts with them and that they could cover open and unreported claims. However, in the mid-'80s the University went from an insurance approach to a self-insurance modality.

When we reviewed the reserves, we felt that it was really not essential to keep the reserves at the same level because the likelihood of the University going out of business is really low to none existent. So we asked Mercer, as our benefits consultant, to review our claims reserves and it was their recommendation that we would be able to deal with the fluctuating claims for the University's programs with a 5 percent reserve. So the recommendation was that we would lower the reserve levels to 5 percent and this would be implemented in April. But to do that we would have to return the portion to the employees from their contributions. To have that portion of the claims returned to the employees, we would be declaring what we would call a Premium Holiday. I will be happy to answer any questions.

Mr. Shumate:

Are there any questions? I would remind the Members of the Board that we do have a letter that is part of the file of minutes from William Mercer supporting their recommendation. This resolution is simply to return to the employees that portion of the rate that they contributed to these policies.

**PREMIUM HOLIDAY**

Resolution No. 93-112

Synopsis: The Fiscal Affairs Committee recommended the approval of a premium holiday for the month of April 1993.

WHEREAS as a part of the medical claims calculation process it has been determined that a claim revenue of five percent (5%) of paid claims would be adequate to cover an appropriate margin for claim fluctuation; and

WHEREAS this Board approved at its February 4, 1993 meeting, the administration's recommendation to maintain a medical claims reserve consistent with the advise from William Mercer Inc.; and

WHEREAS it has been determined that as a component of the medical claims reserve reallocation process, a premium holiday should be authorized for University faculty and staff for the month of April 1993:

NOW THEREFORE

BE IT RESOLVED, That in accordance with the recommendation of President Gee, the Vice President for Human Resources is hereby authorized and directed to implement a premium holiday for the month of April 1993.

Upon motion of Mr. Shumate, seconded by Mr. Celeste, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**COMPLIANCE WITH REGULATIONS OF  
THE OHIO PUBLIC FACILITIES COMMISSION**

Resolution No. 93-113

Synopsis: The Fiscal Affairs Committee recommended authorization for the designated officials to ensure compliance with regulations of the Ohio Public Facilities Commission.

WHEREAS pursuant to Chapter 154 of the Revised Code and the regulations of the Ohio Public Facilities Commission, each State Institution of higher education, to which funds are appropriated in Amended Substitute House Bill 904 enacted by the 119th General Assembly, is required to authorize a designated official to sign and submit to the Ohio Public Facilities Commission documentation required with respect to the individual projects for which funds are appropriated; and

WHEREAS in submitting this documentation each institution is required to permit the Commission to use designated institutional sites for the purpose of these projects and to agree to undertake the performance of the functions and responsibilities of a using governmental agency as provided in the Commission's regulations with respect to such projects:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to complete, sign, and submit to the Ohio Public Facilities Commission documentation required by the Commission for any or all of the projects for The Ohio State University provided for or pursuant to the appropriations made under Section 51 of Amended Substitute House Bill 904 enacted by the 119th General Assembly; and

**COMPLIANCE WITH REGULATIONS OF  
THE OHIO PUBLIC FACILITIES COMMISSION (contd)**

BE IT FURTHER RESOLVED, That this Board agrees to permit the Ohio Public Facilities Commission to use designated University sites for the purpose of such projects, the boundaries of which will be shown in the plans for such projects, for so long as the respective notes, if any, and bonds issued to finance the project shall be outstanding; and

BE IT FURTHER RESOLVED, That this Board agrees to undertake performance of the functions and responsibilities of a using governmental agency and of a designated governmental agency to the extent is it such as provided in the regulations of the Ohio Public Facilities Commission and any applicable leases, agreements, or rules of the Commission with respect to such projects.

Upon motion of Mr. Shumate, seconded by Mr. Celeste, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**FISCAL AFFAIRS COMMITTEE MEETING (contd)**

Mr. Shumate:

At this time, I would like to call upon Mr. Nichols to present the background information for the approval of a Tuition Option Payment Plan. The Board members may recall that this information was previously mailed and there is a memo attached to the resolution dated February 22, 1993, that provides the details and background. Mr. Nichols --

Mr. Nichols:

Today we are bringing before you for your approval a tuition option payment plan. In recent years there have been cost increases in higher education, greater difficulties in getting student financial aid, and also greater competition among schools. We have been adding various financial and administrative options to students to attract them.

In line with that is the tuition option plan, which is basically a periodic plan for the payment of student fees. Each of the students that choose to participate in the plan would make three payments per quarter, instead of making one payment per quarter. This would allow those students that want to do it on a periodic basis to do so. We estimate approximately 4,000 students out of our student body will participate in the plan. There is a nominal administrative fee as there is for insurance. If you're going to pay on a periodic basis there is no interest charged on any of the deferred payments.

We anticipate this to begin Autumn Quarter 1993 and it has the approval of all University offices. It has the approval of the undergraduate and graduate student governments and it also received an extremely high favorable rating from students in a poll that was taken. This will not require any additional general revenue fund expenditures. We present this for your approval.

Mr. Shumate:

Are there any questions? Trustee Cusack, would you like to make any comments?

**FISCAL AFFAIRS COMMITTEE MEETING (contd)**

Ms. Cusack:

Yes. I just want to say that students are in good favor of this plan and it actually originated in the graduate student government and then through the Undergraduate Student Government. Students are really happy about the plan going through and happy about how quickly it came about.

Mr. Shumate:

Any other comments or questions?

Mr. Nichols:

Mr. Chairman, with your permission, I would like to introduce to you the three people that were primarily responsible internally for this at the next Board meeting.

Mr. Shumate:

That's fine. Any other comments?

**APPROVAL OF TUITION OPTION PAYMENT PLAN**

Resolution No. 93-114

Synopsis: The Fiscal Affairs Committee recommended approval of the Tuition Option Payment Plan (TOPP).

WHEREAS in recent years there have been cost increases in attending institutions of higher education, insufficient financial aid funding and greater competition with other colleges and universities for students; and

WHEREAS other Big Ten and Ohio universities have established some form of periodic or deferred payment plans; and

WHEREAS establishment of a tuition payment plan has the support of all involved University offices, the Undergraduate and Graduate Student Governments, and a very positive response from a polling of students; and

WHEREAS a tuition payment plan further extends quality service to the students while not requiring additional general fund expenditures:

NOW THEREFORE

BE IT RESOLVED, That the proposal to create a tuition option payment plan, effective for the next academic year, is hereby approved; and

BE IT FURTHER RESOLVED, That the Treasurer is authorized to establish and operate a tuition option payment plan in accordance with the outline of the program in the attached materials.

Upon motion of Mr. Shumate, seconded by Mr. Celeste, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

(See Appendix XXXV for background material, page 685.)

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**ACADEMIC AFFAIRS COMMITTEE MEETING**

**MOTION IN SUPPORT OF REGIONAL CAMPUSES**

Resolution No. 93-115

Synopsis: The Academic Affairs Committee recommended, on behalf of the Steering Committee of the University Senate and the Undergraduate Student Government, the support of the Regional Campuses.

WHEREAS the Steering Committee of the University Senate and the Undergraduate Student Government approved and forwarded to this Board the following resolution:

"On behalf of the Steering Committee and the Undergraduate Student Government we present the following:

BE IT RESOLVED, That the University Senate affirms that:

The Regional Campuses of the Ohio State University represent an important resource for the State of Ohio and for the University. As ports of entry to Ohio State for location bound students, the campuses provide significant support to the maintenance of Ohio State's time honored land grant tradition, with its emphasis on accessibility and quality. Further, the regional campuses provide a transition for those students who can profit from an opportunity to begin their college careers in a more intimate environment. Regional campus faculty are valued members of the broader university, and the regional campuses make numerous important contributions to the communities that they serve.

At the same time, the Senate recognized that the University in all of its aspects is in the process of self examination and change, and we welcome and applaud the efforts of the University to continue to improve the regional campuses and their relationships with Columbus. Such efforts at reform and renewal can only serve to strengthen our institution as a whole.

The Senate requests that the President carry this Resolution forward to the Board of Trustees."

NOW THEREFORE

BE IT RESOLVED, That the proposed resolution, on behalf of the Steering Committee of the University Senate and the Undergraduate Student Government, has the full support of the Board of Trustees.

Upon motion of Mr. Celeste, seconded by Mr. Colley, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**NAMING OF TENNIS CENTER**

Resolution No. 93-116

Synopsis: The Academic Affairs Committee recommended the naming of the Stickney Tennis Center.

**NAMING OF TENNIS CENTER (contd)**

WHEREAS this Board has authority in naming of all buildings and structures at The Ohio State University, as set forth in paragraph (F) of rule 3335-1-08 of the Administrative Code; and

WHEREAS upon the recommendation of the President, with the concurrence of the President's Executive Committee, it has been proposed that the twelve tennis courts located north of and adjacent to the Woody Hayes Athletic Facility on Olentangy River Road be named the Stickney Tennis Center; and

WHEREAS this naming request would recognize the dedication and the generosity of the Stickney family, which has provided for the renovation of six existing tennis courts and the construction of six new tennis courts; and

WHEREAS the six pre-existing and renovated tennis courts will continue to be known as the Wirthwein Tennis Facility (so named by action of the Board of Trustees on February 7, 1975) and will be part of the Stickney Tennis Center:

NOW THEREFORE

BE IT RESOLVED, That hereafter the above-described facility will be known as the Stickney Tennis Center.

Upon motion of Mr. Celeste, seconded by Mr. Shumate, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**DISTINGUISHED SERVICE AWARDS**

Resolution No. 93-117

Synopsis: The Academic Affairs Committee recommended the approval for eight individuals to receive Distinguished Service Awards.

WHEREAS the President's Executive Committee, serving as a Committee on Distinguished Service Awards, has nominated and recommended eight individuals for approval by the Board of Trustees to receive the Distinguished Service Award at a time convenient to the University and the recipients:

Shirley Dunlap Bowser  
Andrew J. Broekema  
Dorothy M. Davis  
John G. Kramer  
John G. McCoy  
John Mount  
Marlene Owens Rankin  
Chalmers Wylie

WHEREAS these awards are given in recognition of distinguished service to The Ohio State University and the awards are in accordance with action taken by the Board of Trustees in 1952:

NOW THEREFORE

**DISTINGUISHED SERVICE AWARDS (contd)**

BE IT RESOLVED, That the Distinguished Service Award be approved for awarding as designated above.

Upon motion of Mr. Celeste, seconded by Mr. Skestos, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**PERSONNEL ACTIONS**

Resolution No. 93-118

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the March 12, 1993 meeting of the Board, including the following Appointments, Reappointment of Principal Administrative Official, Appointment of Chairperson, Reappointment of Chairperson, Leave of Absence Without Salary, and Promotion with Tenure--Correction of Dates as detailed in the University Budget be approved.

Appointments

Name: F. DOMINIC DOTTAVIO  
Titles: Dean and Director, and Professor  
Campus/School: Marion Campus/Natural Resources  
Effective: August 15, 1993  
Salary: \$82,008.00  
Present Position: Chief Scientist and Associate Regional Director, U.S. Department of Interior, National Park Service, Atlanta, GA

Name: RANDALL B. RIPLEY  
Title: Dean  
College: Social and Behavioral Sciences  
Effective: April 1, 1993  
Salary: \$145,008.00  
Present Position: Acting Dean, College of Social and Behavioral Sciences and Professor, Department of Political Science

Reappointment of Principal Administrative Official

JOHN M. CASSADY, Dean, College of Pharmacy, effective July 1, 1993, through June 30, 1998, pursuant to rule 3335-3-17 of the Administrative Code.

Appointment of Chairperson

October 1, 1993 through September 30, 1997

Accounting and Management Information Systems

Lawrence A. Tomassini

Reappointment of Chairperson

July 1, 1993 through September 30, 1997

History of Art

Christine B. Verzar

**PERSONNEL ACTIONS (contd)**

Leave of Absence Without Salary

NANCY E. ANDREWS, Assistant Professor, Department of Classics, effective Spring Quarter and Autumn Quarter 1993, and Winter Quarter 1994, to conduct research.

Promotion with Tenure--Correction of Dates

ELLEN S. NEWMAN, Associate Professor, Department of Theatre, change promotion with tenure from October 1, 1992, to January 1, 1993.

Upon motion of Mr. Celeste, seconded by Mr. Shumate, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**RESOLUTIONS IN MEMORIAM**

Resolution No. 93-119

Synopsis: The Academic Affairs Committee recommended the approval of four Resolutions in Memoriam.

RESOLVED, That the Board adopt the following Resolutions in Memoriam and that the President be requested to convey a copy to the families of the deceased.

Brewton Berry

The Board of Trustees of The Ohio State University expresses its sorrow upon the death, on March 4, 1993, of Brewton Berry, Professor Emeritus in the Department of Sociology.

Professor Berry was born in Orangeburg, South Carolina, on August 9, 1901. He graduated Cum Laude from Yale University, where he was a Fogg Scholar, winner of the Archibald High Scholarship prize, and, upon graduation, was awarded the Day Traveling Fellowship to the University of Edinburgh, Scotland, where he received his Ph.D. degree (1930). He began his professional career in 1931 at the University of Missouri as the Curator of the Anthropological Museum and Director of the Archeological Survey of the State of Missouri. He was the Head of the Department of Sociology at the University of Rhode Island during 1945-46. In 1946 he came to The Ohio State University as Professor of Sociology and Anthropology and upon his retirement in 1963 became Professor Emeritus.

He served on the Editorial Board of The Ohio State University Press for a number of years and was editor of Ohio Valley Sociologists and an associate editor of the American Sociological Review for a time. He was the author of 13 books, including You and Your Superstitions, Education of American Indians, Almost White, and Race Relations. He was also a Fellow of the American Anthropological Association, a member of the American Sociological Association, and a member and past president of the Ohio Valley Sociological Society. He is listed in Who's Who in America, Who's Who in the World, Contemporary Authors, and International Authors' and Writers' Who's Who.

On behalf of the University, the Board of Trustees expresses to the family of Professor Berry its deep sympathy and sense of understanding of their loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

**RESOLUTIONS IN MEMORIAM (contd)**

William M. Brooks

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on March 2, 1993, of William M. Brooks, Professor Emeritus in the Department of Horticulture.

Professor Brooks was born on July 12, 1923, in Continental, Ohio, and served his country during World War II as a sergeant in the United States Army Air Force, primarily in England, from 1943 to 1945. Upon his return to civilian life, he held several positions in state government before completing his Bachelor of Science degree at Ohio University in 1954. He decided to continue his education by entering Ohio State where he earned his Master of Science degree in horticulture in 1957. Following the completion of his graduate work at Ohio State, he joined the faculty at West Virginia University and then returned to Ohio State in 1958 as Extension horticulturist in the Department of Horticulture where he retired in 1984 as professor emeritus.

His major areas of expertise involved the production and marketing of vegetables, both outdoors and under glass. In addition to his national reputation for his sweet corn work where he gave leadership to the Ohio cultivar evaluation trials, he assisted industry groups in other states, Canada, and Columbia with greenhouse educational programs.

Throughout his career and even in retirement, he continued to assist various organizations with educational programs to help Ohio citizens. This included such organizations as the Ohio Vegetable and Potato Growers Association, Ohio Fruit Growers Society, Ohio Florists Association and the Ohio Potato Growers Association. For many years, he was an active member of the planning committee for the well-known Ohio Roadside Marketing Conference which he attended regularly.

Professor Brooks always had time to counsel with students and new faculty. For many years, he was an advisor to the Ohio Junior Horticultural Association. His membership in professional societies included the American Society for Horticultural Science, National Agricultural Plastics Association, and Bedding Plants, Inc.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding to his family. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Henry Rene Velkoff

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on February 17, 1993, of Henry R. Velkoff, Professor Emeritus in the Department of Mechanical Engineering.

Professor Velkoff, Hank to his colleagues, was born in Cleveland, Ohio, on May 14, 1921. He received his B.S. in Aeronautical Engineering from Purdue University in 1942, his M.S. in Mechanical Engineering from Ohio State in 1952 and his Ph.D. from Ohio State in Mechanical Engineering in 1962. After graduating from Purdue, Dr. Velkoff worked for the Lockheed Aircraft Corporation and NASA Langley Field where he developed his initial expertise in helicopter rotors. He joined the Wright Field Propeller Laboratory as a project engineer for helicopter rotor design in 1944. Over the next twenty years Dr. Velkoff directed a variety of programs in rotary wing and VTO rotor research and development. He rose to be Chief of the gas turbine development branch responsible for helicopter and VTO aircraft drive systems and rotor research and development. During this period he directed the development of the T-53 and the T-55 gas turbine rotor drive systems for the UH-1 and CH-47 helicopters. From 1959 to 1963 he also served as consultant in the electric and

**RESOLUTIONS IN MEMORIAM (contd)**

Henry Rene Velkoff (contd)

advanced propulsion branch and served as an independent research scientist in the application of the interaction of electrostatic fields with fluids. Professor Velkoff conducted the original research in this area as related to convection and condensation coupled with applied electric fields.

Dr. Velkoff joined The Ohio State University in 1963 as a Professor in the Department of Mechanical Engineering. He taught undergraduate and graduate courses in turbomachinery, gas turbines, advanced heat transfer and magnetohydrodynamics. He directed graduate students on the effects of ions on gaseous boundary layers and in the areas of fatigue, damage indicators, rotor non-steady flow and rotor boundary layers. In 1972-74 he took a two-year leave of absence and served as Chief Scientist of the U.S. Army Aviation research at Ames Research Center, Moffett Field, California. In this position he oversaw all of the research and development activities for the U.S. Army Aviation. He evaluated and planned overall education and training programs for all engineers and scientists within the laboratory. He returned to the University in 1974, where he served until his retirement in 1987.

Professor Velkoff was a Honorary Fellow of the American Helicopter Society. He was a member of many professional organizations including the American Institute for Aeronautics and Astronautics, American Helicopter Society, and the American Society of Mechanical Engineers. He was honored by the Air Force for his research on electrostatics, and received certificates of achievement as members of the Army Advisory group on aviation. He was also a member of the Tau Beta Phi and Sigma Phi Honor Societies and was honored with the MacQuigg Award for the outstanding engineering teacher.

Dr. Velkoff was known as an international expert in the area of helicopter rotor dynamics. This field motivated his research activities at the University, and was his center of focus for two decades. He was also one of the early developers of the use of applied electric fields to influence fluid motion.

He was well respected by his colleagues and students who held him in high esteem for his concern and interest in teaching. Dr. Velkoff was one of those individuals who integrated his research interests with his strong dedication to undergraduate teaching. Developing a synthesis between these two aspects he stimulated and motivated his students. Hank was truly concerned that his students were not merely accumulating facts but rather, learning how to make facts live. This is the mark of an educator who knows that long after he is forgotten, individuals whom he had taught or would teach others, would be moving to a measure of his thoughts.

On behalf of the University, the Board of Trustees, expresses to the family of Professor Velkoff, its deep sympathy and sense of understanding of their loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Richard F. Wilson

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on February 19, 1993, of Richard F. Wilson, Professor Emeritus in the Department of Animal Science. Dr. Richard F. Wilson was born on January 8, 1920, on a farm in Saskatchewan, Canada, where he lived for seventeen years until his family moved to Iowa. He received his B.S. degree from Iowa State University in 1943. Graduate work was done at the University of Illinois where he received an M.S. degree in 1946 and Ph.D. degree in 1949; both degrees were in Animal Science. He taught two years at South Dakota State University and spent thirty-five years at The Ohio State University

**RESOLUTIONS IN MEMORIAM (contd)**

Richard F. Wilson (contd)

in teaching and research in the Department of Animal Science. He retired from The Ohio State University in 1985.

Dr. Wilson authored and coauthored eighty-one research articles in swine production and nutrition. He was in charge of the Columbus OSU swine teaching and research herd and served for many years as secretary-treasurer of the Ohio Swine Breeders and Feeders Association. For his outstanding service to the swine industry, he received the Ohio Pork Producers Council Service to the Industry Award in 1990.

Professor Wilson also contributed to the Department of Animal Science through service on committees such as Farm Science Review, Graduate Studies Committee, Scholarship and Student Recognition Committee, and Interdepartmental Physiology Committee. He was a member of the American Society of Animal Science, Gamma Sigma Delta, and Sigma Xi professional societies.

Dr. Wilson enjoyed traveling and was a leader of Goodwill People-to-People trips to Eastern Europe, Australia, and New Zealand. He was a volunteer leader in Boy Scouts of America programs for thirty-nine years and received the Silver Beaver Award as well as the District Award of Merit from the Boy Scouts of America.

On behalf of the University community, the Board of Trustees expresses its sympathy and understanding to his family and friends. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees as an expression of the Board's heartfelt sympathy.

Upon motion of Mr. Celeste, seconded by Mr. Colley, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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Mr. Celeste:

What I'd like to do at this point is to call on Ed Hayes. You will find in the back of your notebooks the items that we'd like to talk about. I think it is the last three pages relative to, "What Does It Mean for Ohio State to be a Comprehensive Research Institute?" What I would like to suggest to the Board members, at Ed's request, is that this be a two-way process. If you have questions, feel free to interrupt at any point.

**"WHAT DOES IT MEAN FOR OHIO STATE TO  
BE A COMPREHENSIVE RESEARCH INSTITUTE?"**

Dr. Hayes:

Thank you very much. I think it is quite appropriate that this be an important item under Academic Affairs. I think that as we do strategic planning for the University, it's very important to see research and scholarship as an integral part of making Ohio State the best academic institution that it can possibly be. I think that is a very important context because one is aware that research and scholarship are carried out in other locations in addition to universities. But when we think about research and comprehensive research universities, it is important to understand how that supports the academic mission of the University.

**"WHAT DOES IT MEAN FOR OHIO STATE TO  
BE A COMPREHENSIVE RESEARCH INSTITUTE?" (contd)**

Dr. Hayes: (contd)

In sort of promoting the idea that we might make this a dialogue rather than a monologue, I challenge you to just write down on a piece of paper -- in a sense a word association -- when you think about a comprehensive research university, what comes to mind? What do you think about? In terms of our communication, I think it is important to understand whether we mean the same things. What kinds of associations do we make, and more importantly, how do you see it supporting the academic mission of Ohio State University?

Mr. Shumate:

In responding to your question that teaching and research are part of the same process how about learning.

Dr. Hayes:

Other thoughts? How many of you would think of the feline leukemia-virus vaccine?

Ms. Cusack:

I guess to play the devil's advocate role, I also see them pulling at each other -- which we have obviously experienced at this University. A lot of times students may feel that it takes the teacher out of the classroom. I think of that in the comprehensive research institution.

Dr. Hayes:

I think that is one of the important tensions to recognize is that there are, within the institution, various forces that focus the attention of faculty, students, and staff on various aspects of the educational mission of the University. One of the reasons I was preferencing my remarks by saying I think it's important to see research as an integral part of the educational mission is because if you see research as a separate goal of the University then you see it as a separate goal that is in parallel and in competition with delivering teaching, particularly classroom teaching. It seems to be that conceptually we get into this problem of well is it one or the other?

If you think about this as a pyramid, where at the top what we are trying to do is to deliver to our students the very best educational opportunities, it gives you a framework to set down, think about, and work through these kinds of conflicts.

Mr. Skestos:

From time to time, I have read different things and it seems as though research is very much maligned. One, it's maligned because we don't show the importance it has to teaching. And two, I don't think we do a good enough job of telling the public what we are doing research on. Too many times the perception out there is that this is just some professor's idiosyncrasy that he is following through, expending funds, and not spending the time on what the University is all about. The value of research needs to be better communicated as to what we are doing, why we are doing it, and how important it is to the students and to the public.

**"WHAT DOES IT MEAN FOR OHIO STATE TO  
BE A COMPREHENSIVE RESEARCH INSTITUTE?" (contd)**

Dr. Hayes:

That is a very good comment. If I could just put a footnote on this, I'd like to enter into a discussion of the concept of teaching and the concept of learning. I think in communication often we focus on the input side and talk about what contributes in the classroom. As part of this discussion, one of the examples I'd like to use is Project Discovery. The learning by discovery mode, as opposed to the learning -- which sometimes we think of as the ideal model -- where you have a teacher in front of a classroom delivering materials. The aspect of a college education, where I think research becomes very important, is opening up opportunities for students to discover through a much broader set of experiences what it is that we think we know, and how we got to the point that we think we know that.

Mr. Celeste:

We had a good example of that with Hamish Fraser's example, where it was actually an undergraduate student who came up with a particular discovery in that case. There were research dollars being used, and an exciting new discovery came about through serendipity.

Dr. Hayes:

That is a great example. In fact we've had students at this institution who have done work that has led to patents and copyrights and other kinds of things. They were immersed in this kind of environment where they had the opportunity to get hands-on experience with the discovery process. One of the important elements associated with a comprehensive research university that we are able to offer that a none comprehensive university is not able to offer is that sort of challenge. The opportunity is here to come to Ohio State and get into the laboratory, whether it's a science laboratory, an engineering laboratory, or in the social and behavioral sciences, and actually go beyond what is in the text book.

Ms. Cusack:

Along the lines of what George was saying about communication, I think that also starts in the classroom. In talking with deans, I have noticed that a lot of professors will say, "Students don't know what's going on in the classroom." But we need to be told. We don't know what is going on in the laboratory unless somebody tells us. We are not just going to stumble into a laboratory on our way to class. I think that whole area of communication can be improved. The professors should communicate a little more about the significance of what they are doing outside of the classroom and how that relates to the students.

President Gee:

I think that's an enormously important point that was just made here. Again, it is a fact that we are sort of a closed circle. We all talk in codes in academic life and we need to reinterpretate those codes so that people understand what they are doing. I think that our faculty can really do a much better job of explaining what they are doing in the classroom.

**"WHAT DOES IT MEAN FOR OHIO STATE TO  
BE A COMPREHENSIVE RESEARCH INSTITUTE?" (contd)**

President Gee: (contd)

I think there are a couple of points that we need to make about this issue. First of all, George, to come back to your point, there are 3,600 colleges and universities in this country. They are not all the same, nor should they be the same. I believe for example, that at a very fine, small liberal arts college they have a very particular mission that needs to be dealt with. And that is to teach and to teach well, all the time, in a very kind of committed atmosphere. That doesn't mean that we shouldn't teach and teach well, but it means that they have a very particular role. The community colleges have a very particular role and that is the transmittal of knowledge. They ought to be teaching a lot and they ought to be expected to teach a lot in those regards. The regional universities have a role which is to do some limited research, but to again transmit that research.

One of the things that I think that we have to understand -- and I don't want to spend a lot of time on this -- is that we made a fundamental decision in this country in terms of basic research. By the way, the thing that has propelled us into the leadership in the world is the fact that we have had better ideas than anyone else. But we made a fundamental decision that went this way, that instead of creating government research institutes or instead of recreating research centers that were basically federally funded, that the vast bulk of creative work in this country would be done in our universities. And the federal government and others would fund that through the National Institutes of Health, the National Science Foundation, and so forth.

This is an amazing figure. There are 3,600 colleges and universities, 80 percent of all of the basic research done in universities are done in fewer than 50 universities. The second part of this is that of the basic research done in this country, about 80 percent of it is done in universities. So you see the particular role universities have been given. Those 50 universities, of which Ohio State is one, have a very particular charge for the national health in terms of creating knowledge and then transmitting it.

We have never done a good job of looking at that from the pyramids point of view. So when someone is reading the Cincinnati Inquirer or The Columbus Dispatch or the Cleveland Plain Dealer, and they think about faculty teaching, they think of this amalgamation of faculty -- community colleges, regional universities, the liberal arts, and so forth. We need to do a better job of communicating and we need to start with our own classrooms and faculty. So many of the ideas that are brought into our classrooms by faculty are things that are done in direct relationship to what they have done outside, in terms of the teaching mode, but they don't relate that.

The other thing that is revealing to me is we had a group of undergraduate students talking to juniors and these were all honors students. We have 3,500 honors students at the University, but every one of those honors students talked about the research that they were doing with faculty. In fact, one young man is leaving to go with Professor Gregory to Greece. One of four or five undergraduates in this country is able to go over and do research. The fact that we do have this relationship is almost unique among universities, and I think we need to tell that story.

**"WHAT DOES IT MEAN FOR OHIO STATE TO  
BE A COMPREHENSIVE RESEARCH INSTITUTE?" (contd)**

Ms. Cusack:

It took me almost until my senior year to know that people were even doing that.

President Gee:

But you are a Trustee of the University -- think of what other people think.

Ms. Cusack:

Right, and I'm a very involved student. This just proves the point that we're not all hearing about it. Yes, those honors students are hearing about it, but there's a lot more going on out there than that.

Mr. Barone:

I think you've got to stop thinking that research is a separate issue from teaching and teaching is a separate issue from research. When I was on the Research Foundation Board, I felt our research department did outstanding work. We have some students who do much better in research -- learning by doing. Some learn much better by not doing, but by learning through knowledge. If you try to separate the two, I think you are making a big mistake. I think they are both equally important, and that both research and teaching are necessary. They are a very essential part of an education.

Not long ago, we had a fellow by the name of Kettering. Kettering was probably not the best student at Ohio State, but Kettering was the best researcher. Learning how to do research and getting the results is what counts, and that's what research and learning is. I don't think you can separate the two. You've got to work the two together to get the best results. After being on the Research Foundation Board, that is the conclusion I came to. I feel strongly that when an effort is made to separate the two -- the value of one against the other -- it is like saying which is most important my left leg or my right leg. I need them both!

Dr. Hayes:

One of the things this means to Ohio State is that we're actually in the process of an evolution. The level of undergraduate participation and research is not what it's going to be in the future and what it needs to be in the future. I'm pleased to be able to tell you that the Honors Program has been helping us and working with the Research Foundation. They have been dealing precisely with this problem, documenting at a higher level than it has in the past, what the opportunities are for undergraduates, and cases where undergraduates have significantly enhanced their experiences here at Ohio State, as a result of opportunities that have existed.

The comments also have been made, which I think may be obvious but sometimes missed, that many universities use this availability of research participation as a real carrot to bring in the highest quality students. I think that as we put together our materials to let people know why Ohio State is the right place for them, it is not only important that we get the message out to students internally, but to those students who are in the process of deciding what institution is best for them. We want to let them know the opportunities that exist here. In many instances, when

**"WHAT DOES IT MEAN FOR OHIO STATE TO  
BE A COMPREHENSIVE RESEARCH INSTITUTE?" (contd)**

Dr. Hayes: (contd)

you go to four-year colleges, junior colleges, and other parts of the 2,000 plus undergraduate institutions they don't have these opportunities. It will help them make the right decision if that is their particular orientation.

If you would look at the material that is at your place, at the ten key planning areas. The ten points are what I have talked about with faculty, the University Senate, and others as being ten key points in planning for research. I am not going to go through all of these today, but I did want to give you an overview. I thought I would focus on the first point and the last point. Namely, the Human Resources part of this equation, as well as the Technology Transfer.

In terms of the Human Resources part of this equation, quality faculty, graduate students, and staff with a research orientation are a very important part of the equation of making Ohio State a first-rate educational institution. Increasingly, the start-up packages for faculty are very important. Historically, Ohio State and other institutions have not had to budget for the same level of start-up packages that are now required to bring researchers to the institution. It gives them the chance to get started in their research activities, so that they're competitive for external funding.

The resources that Mr. Celeste reports to you each month are the result of faculty being competitive with people around the country. In many instances, these are in competitions in which one out of ten people are going to be funded. So it is very intense competition. To get to that point, our faculty in general need to have a demonstrated track record that they can perform and carry out research in the Ohio State environment. In terms of graduate students and post-doctoral fellows, some faculty will tell you that they don't know which comes first, the quality graduate students and post-doctoral fellows, or the quality research. Because the mode in which Gordon was talking about, the coupling of the education of graduates, undergraduates, and post-doctoral students with the research that uniquely takes place in the University -- and it has been responsible for the strength of basic research in this country -- depends upon having quality faculty and quality students.

One of the issues that I wanted to bring to your attention for some discussion is the third bullet on page two under Human Resources. This is a proposal that is being discussed broadly here on campus with respect to research faculty.

Mr. Shumate:

Before leaving the second point, have we lost many, in terms of the number of graduate students that we use at the University, as a result of budget cuts over the past 18 months?

Dr. Hayes:

On the specific issue of stipends and fringe benefits, I'd say the following: this past year we have seen a significant reduction in the number of entering graduate students and I think that is strictly driven by financial considerations. Some of it is related to the uncertainty that was being experienced at the department level.

**WHAT DOES IT MEAN FOR OHIO STATE TO  
BE A COMPREHENSIVE RESEARCH INSTITUTE? (contd)**

Dr. Hayes: (contd)

Departments did not want to make offers to potential graduate students because they were uncertain about whether they could provide the funding for the stipends and fringe benefits for graduate students. This is an issue that in our planning we have to think through very carefully, how do we keep from having further erosion in that area.

Mr. Shumate:

That was my sense. I was just wondering what, if anything, we were doing. Since it is an important component of Human Resources, and the thrust for making OSU a comprehensive research institution, what initiatives or programs do we have in place to try to deal with this?

Dr. Hayes:

We have been working with Academic Affairs to try to be as clear as possible with departments about the resources that are going to be available to support graduate students. Uncertainty works against us in this area. We have also been talking with Bill Shkurti, from a budget point of view, on whether there are strategic investments that we will be able to make either this year or in the future that will help us both with the number and quality of graduate students.

Let me move into the research faculty fellow proposal. The basic thrust of this proposal is to open up a new mechanism for bringing nationally competitive researchers to Ohio State that would be completely funded by external resources. These people would not be tenured. So that if some point in the future, 5, 10, 20 years down the road the source of funding dried up, we would not have a long-term commitment to continue funding of these researchers.

The proposal that is being circulated in the University was developed by the University Research Committee. There is a great deal of discussion with people feeling very strongly about issues like tenure: What does this mean for the tenure system?; What does it mean to be in a laboratory in which the person next to you is spending full-time on research and you are a faculty member who is doing teaching, University service, and research?; How does this all come together in a way that will be productive for the University?

There are a number of other research universities that have such positions and they have worked out mechanisms that are appropriate for them. I think the challenge for us is to figure out what is right for Ohio State. Is this the right place and time to be introducing research faculty? What I have been trying to facilitate is a broader discussion. Some of you may be aware of other situations or may have thoughts on this particular idea, and I would be happy to open that particular proposal up for discussion.

Mr. Celeste:

Based on the timing with what you hope to accomplish, maybe this is something we can do at a separate session. I think we only have a little more time.

**WHAT DOES IT MEAN FOR OHIO STATE TO  
BE A COMPREHENSIVE RESEARCH INSTITUTE? (contd)**

Dr. Hayes:

O.K. Let me just move on then to the other item, Technology Transfer. On page 5, there is a review of what we are doing presently. The basic thread here is that we have an office that accepts invention disclosures, they make determinations with respect to whether or not there is a basis for pursuing patents, and the office also markets the intellectual property. We have the bulk of our royalty income related to the feline leukemia vaccine. We have a growing number of invention disclosures and patents coming through this office. What has been recommended by the Research Foundation Board is that we put out an RFP, and have an outside group come and look at what we are doing, how we are organized, and figure out whether we are organized in the appropriate way. If not, what our options are for moving forward in this particular area.

One of the concerns is that in focusing on technology transfer we want to do this in a way that is consistent with the educational mission of the University. It is possible to become so focused on technology transfer as a separate goal that it again competes with what our main mission is. So in thinking about this, this is very much on our minds.

Mr. Celeste:

One of the things that I think about is that as a land-grant institution and having the support that we do, that this technology transfer area allows us an opportunity to leverage some dollars that are invested in the University to support the business community in the state through technology transfer. There is a major opportunity to really leverage dollars through this process.

Dr. Hayes:

I would say it is also an opportunity to open up experiences for students, as well as faculty. In some areas the presence of an active technology transfer program is very important in terms of attracting people to the University or keeping people here that might otherwise be drawn away to an environment where these opportunities existed.

I'd like to move to the University Research Park. This is another aspect of creating the type of environment which supports the educational mission of the University. It is another area in which one can be so focused on the Research Park aspects of this that it detracts from our main mission, but we are looking for a way to go about bringing into full blossom our Research Park. On page 7, there is a mission statement that is under discussion. One of the ways in which technologies might move out of our laboratories and become businesses, as well as opportunities for students to have hands on experiences with small and medium size business operations, is if we had more such activities. If we had a business incubator in our Research Park, for instance. And, again, that is the context in which we are thinking about the Research Park.

**WHAT DOES IT MEAN FOR OHIO STATE TO  
BE A COMPREHENSIVE RESEARCH INSTITUTE? (contd)**

Mr. Celeste:

One of the things I have had the benefit of, that I think the others may not have, would be to get a handle on that area. Perhaps if we could have a tour of the area that you are talking about, to really see what is there, that might be useful.

Dr. Hayes:

Yes, I think that would be very important to do. I'd also like to underscore the fact that we are working very closely in this area with Business and Administration -- Janet Pichette's people -- in terms of trying to understand what our options are there. I think working with them we could put together a fine tour and give you a better overview of what the opportunities are there.

There is currently underway at the state level, under the Ohio Science and Technology Council, an effort to identify key technologies. At your places you will find a report on the key technologies. This is our submission to the Ohio Science and Technology Council as to key areas from the perspective of Ohio State. These areas are where we believe we have existing strengths and interests, in terms of our faculty research interests, but also in terms of the coupling of those research interests with academic programs. Two of these areas, advanced materials and the Biotech Center, have been areas of emphasis over a number of years in terms of building up our research capability. We have invested in these two areas over the last five years quite significantly. In addition, there are several areas which we believe are strategic positions for further development. We are going to be talking not only to the Ohio Science and Technology Council, but with business leaders throughout the state to make them aware of what our capabilities are and our plans for the future in these key areas. I'd be happy to answer questions on the specifics.

Mr. Shumate:

Going back to page one of your outline -- what are budget cross-cuts?

Dr. Hayes:

Good question. The basic notion is that this is a short-hand for the importance of looking at the present budget of the University. In this particular case, you can write down the colleges and the various vice presidents' areas. That is one way of looking at the University's budget. The cross-cut that we have in mind for research is to now come back and look at that, build a column, and say how much each one of these budgets contribute to the research vitality of the University.

One of the important areas has to do with research space. That is a key impediment to expanding the research and scholarship on the Ohio State campus.

If, in fact, we are going to double or triple the amount of research which is going on at the Ohio State campus over the next 5 to 10 years, there are important space implications. So one needs to find in what parts of the budget are these provided for. Similarly, you mentioned graduate students, what are those aspects of the budget that affect graduate student recruitment, retention, and stipends? We don't have a separate line-item for research, which has all of the research funding within

**WHAT DOES IT MEAN FOR OHIO STATE TO  
BE A COMPREHENSIVE RESEARCH INSTITUTE? (contd)**

Dr. Hayes: (contd)

the University. In fact, the majority of the funding for research, as it affects our activities, is not through the Office of Research. So if you want to get a good picture of the whole enchilada, if you will, you have to pay attention to budgets in many different areas and that is the significance of that.

One of the activities, which is currently underway, is to focus very much on space. Where do we need space for research? Where do we need renovation? Where do we need upgrade of space for health and safety reasons so that we get a specific focus on that? It is not that other aspects of the budgets are not important.

But it is important to recognize that if you are trying to develop a strategic plan and if you are trying to follow through on that, you have to pay attention to all of those items of the budget that may turn out either to be helpful or significant impediments.

Mr. Celeste:

Are there other questions?

Mr. Shumate:

Is that your goal, to double or triple the research in the next 5 to 10 years?

Dr. Hayes:

I would say that everything that I see in terms of what the capability is -- in terms of our size and the interest of the faculty -- would suggest that the potential is there to do that. The challenge is to do that in a way that supports the academic mission of the University. I feel uncomfortable with stating that as a goal outside the context of saying, "Look in doing that, we want to do it in a way that makes Ohio State a stronger and better educational institution."

Mr. Celeste:

Any other questions? Thank you very much for the presentation and this concludes the activity of the Academic Affairs Committee.

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Mr. Barone:

At this time, I would like to say a few words -- I know it is time to adjourn. The last time I came to Wooster, my former secretary had moved here along with her husband, Frank Irons, and they worked for the State Institution in Agriculture. Both have passed away, but I wanted to say that when they found out that I was appointed to the Board of Trustees, they gave The Ohio State University \$25,000.

That is not the only thing that is nostalgic here. A very close friend of mine graduated from here, his name was Frank Celeste; and Mrs. Celeste graduated from here, too. When I was appointed a Trustee Frank said, "Now, I want you to be a great Trustee." Little did he know that his son would be sitting on the Board at the same time. I know that somewhere he is very proud of what he does see.

April 2, 1993 meeting, Board of Trustees

Mr. Barone: (contd)

I have carried out and, God willing, if I make the next meeting, I will have attended all the meetings, as he advised me to do.

I would like to tell a little story about Frank Celeste, that a lot of you do not know. To me he had more charisma than any politician I have ever known. The time his son was running for Governor, there was a dinner planned but he was asked to go to another dinner. The dinner that I was having was mostly made up of Republicans. In fact, all Republicans -- Ottawa Hills. So Dick said, "Well, I can't attend that." I said, "Don't worry about it," and he said, "What do you mean, don't worry about it?" I told him, "Instead of you coming, I prefer to have your dad come anyway."

This is a true story -- we collected \$35,000 from a group of Republicans at that dinner. I think Dick had collected -- I won't say how much, but about one-third of what we collected with Frank Celeste. Frank formed the Governor's Club, he formed everything.

With this story, I will adjourn the meeting. Once in a while it is good to add a little personal touch.

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**REPORT - UNIVERSITY'S ENDOWMENT FUND**

Resolution No. 93-120

RESOLVED, That the report on the University's Endowment Fund, dated March 19, 1993, as submitted to the Investments Committee of the Board of Trustees, be received and filed with the official records of the Board.

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Thereupon the Board adjourned to meet Friday, May 7, 1993, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio.

Attest:

Madison H. Scott  
Secretary

John J. Barone  
Chairman

THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND TWO HUNDRED AND NINETY-SECOND MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, May 7, 1993

The Board of Trustees met at its regular monthly meeting on Friday, May 7, 1993, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

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Minutes of the last meeting were approved.

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May 7, 1993 meeting, Board of Trustees

The Chairman, Mr. Barone, called the meeting of the Board of Trustees to order on May 7, 1993, at 10:15 a.m. He requested the Secretary to call the roll.

Present: John J. Barone, Chairman, Deborah E. Casto, John W. Kessler, Milton A. Wolf, Leslie H. Wexner, Alex Shumate, Theodore S. Celeste, Michael F. Colley, George A. Skestos, Kristen Cusack, and Hiawatha N. Francisco, Jr.

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## **PRESIDENT'S REPORT**

President Gee:

Ladies and gentlemen, welcome today. As we approach the end of the academic year, the colleges, departments, and campus organizations turn their attention to recognizing outstanding achievement.

It is, indeed by any measure, the banquet season . . .and while we might joke about night after night on the "chicken and peas" circuit, we must not lose sight of the importance of these events in building community pride and enhancing the educational experience at this university.

Today, in that vain I want to highlight just a few of the recent accomplishments of our students as we are in the season in which we are celebrating those accomplishments. Frank Swenton, a junior majoring in mathematics from Columbus, was named a national Barry M. Goldwater Scholar. This very competitive fellowship is given to the most promising young scholars in mathematics and the natural sciences. He is so promising that I have absolutely no idea of what he is studying -- manifold classifications of the higher dimensions using algebraic topology! I can assure you that that is something that I don't understand.

Lora Birkefeld Younkman of Grove City won the national invention competition sponsored by BF Goodrich and the National Invention Center in Akron. A doctoral student in materials science and engineering, Ms. Younkman has developed a ceramic sensor that detects carbon monoxide. I might note that this is the third straight year that an Ohio State student has won this national competition.

Jennifer Spreitzer, a first-year M.B.A. student from Columbus, has been named one of eight recipients of the 1993 Business Fellowship in Japan. Co-sponsored by the Japan Society and the International House of Japan, this fellowship places students in internships with Japanese firms. Ms. Spreitzer took her undergraduate degree in Japanese and finance at Ohio State, and during that time lived in Japan for a year, attending a Japanese university. She is currently a graduate assistant in the Office of the University Treasurer in the Cash Management Department.

Dena Abdon, an elementary education and English major from London, Ohio, received the Franklin County Children's Services Volunteer of the Year Award for her work with children. She has served as a Friendship Volunteer for two youngsters, spending time with them as a sort of "Big Sister."

William Hoffman, a freshman from Concord, Ohio, was named Collegiate Bowler of the Year by the Bowling Writers Association of America. He also was named Rookie of the Year and first-team All-American by the National Collegiate Bowling Coaches Association. Bill is a member of Ohio State's Bowling Club. It is one of our very successful club sports activities.

## PRESIDENT'S REPORT (contd)

President Gee: (contd)

Another club achieving great success is Ohio State's Equestrian Club. Last weekend, the team won the collegiate stock-seat championship -- that is western saddle riding. This is the third year in a row that we have won it -- unprecedented in the collegiate championships. The reason I note these, by the way, is that we tend to only think of our 31 intercollegiate sports. We have a number of club sports that compete on the national level and compete equally well with intercollegiate sports.

The students who work with our computer scoreboards in Ohio Stadium and St. John Arena won three awards from the Fifth Annual Golden Matrix Awards competition: best black and white matrix display, best color matrix display, and best original matrix animation. Ohio State was the only university to win in all of its categories. And we won first place in all of our categories and ours was the only school with students working on the staff. The awards are given by the Information Display and Entertainment Association.

The 1992-93 Ohio State Cheerleaders won the National Cheerleading competition in San Diego. They are the National Champions. You will be able to see their successful competition routines on ESPN throughout this month.

Our varsity student-athletes have had an exceptional year. While you have seen the results of individual teams from week to week in the newspaper, let me reel off a list of achievements that, when considered in total, underscore the excellence of our athletic programs. We were Big Ten Champions or Co-Champions in women's basketball, men's gymnastics, and indoor men's track. Ohio State also had the Big Ten Diver of the Year, and four Big Ten Coaches of the Year (so far): diving, men's track, men's soccer, and men's gymnastics. Ohio State won the collegiate national championship in synchronized swimming, and had 7 All Americans in that sport.

We finished second in women's basketball, and had one women's basketball All-American. Also going to the collegiate Final Four were the women's fencing foil team, finishing third in the nation, with 5 All Americans. Men's gymnastics went to the Final Four in their sport, finished third in the country, and had 5 All Americans. Men's Track finished fifth at the NCAA Indoor Championships, had 5 All Americans, and had one individual national champion. The wrestling team finished fifth in the NCAA tournament and had two national champions. And Pete Hansen and the men's volleyball team are in the Final Four at Pauley Pavilion tonight playing UCLA for a national title. When you hear all of these accomplishments at once, you appreciate the depth and breadth of the quality of our intercollegiate sports program.

Those of you on campus last weekend for the dedication of the Law Building also saw some of the colorful Medieval and Renaissance Festival in the Mirror Lake Hollow. And the Greek Week Games were taking place on the Oval. It is a busy season.

This week we celebrate Asian Awareness Week with a series of special events including an art exhibit in Bricker Hall. We also are observing AIDS Awareness Week on campus. And Saturday is the American Indian Pow Wow at the Ohio Union, kicking off Native American Awareness Week.

**PRESIDENT'S REPORT (contd)**

President Gee: (contd)

These and many other activities are organized largely by students, whose creativity and leadership provide outstanding programs. These events are an important part of campus life and enhance the education of our students. As part of the international panel presentation on the future of democracy at Mershon, Dr. Henry Kissinger, President Oscar Arias Sanchez, and Dr. Hans Dietrich Gencher also met with honors students in seminar discussions.

Wexner Center Artist in Residence, Ms. Maya Lin, a sculptor and architect, perhaps most recognized for her design of the Vietnam Memorial in Washington, is working with graduate students on the installation of an environmental sculpture for the university. She also has given a public lecture on her work.

There is no doubt that a great deal is happening at Ohio State, and that each of the people and achievements I have mentioned contributes to the quality of our university. Also enhancing our quality are several important personnel appointments on your agenda today. Let me say how delighted I am that Professor Richard Sisson is joining our faculty and will serve as senior vice president for academic affairs and provost. I am confident that you will find Dr. Sisson to be a dedicated and proven academic administrator as well as an outstanding scholar in the field of politics in India and South Asia.

I am pleased that Professor Gregory Williams will be joining our College of Law as Dean. Professor Williams brings with him outstanding credentials as an administrator. He joins the college at a very exciting time in its history. I have no doubt that with the exceptional new facilities and its highly committed faculty, our College of Law will reach ever increasing heights.

Finally, Mr. Chairman, I want to welcome today Mr. David Brennan, who will soon join this Board. I know that we look forward to his contributions to The Ohio State University. Mr. Brennan, if you would stand and be recognized we would like to note that.

Of course, even as we welcome a new trustee, we also say goodbye to our chairman. John Barone has been a dedicated board member whose commitment to improving our university has been steadfast. He has given strong direction to the institution. His concern for students, his insistence on quality, and his dedication to public service have inspired each of us. So therefore, John, it is my opportunity, and indeed my honor and responsibility today, to present something to you with a memento of our appreciation. In recognition of your outstanding service, I am pleased to present you with this gavel symbolic of your leadership. And I know you will use it to gavel down those people in Toledo when they get rowdy.

Thank you, Mr. Chairman.

Mr. Barone:

Thank you.

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**ELECTION OF OFFICERS  
BOARD OF TRUSTEES**

Resolution No. 93-121

Mr. Scott read the Nominating Committee's report in which the following slate of officers were recommended:

WHEREAS pursuant to paragraph (B) of rule 3335-1-02 of the Administrative Code, the officers of the Board are to be elected at the May meeting to take office immediately following adjournment of the meeting (May 7, 1993) and shall hold their office through the May 1994 meeting:

NOW THEREFORE

BE IT RESOLVED, That the following slate of officers for 1993-94 be elected:

Deborah E. Casto, Chairman

John W. Kessler, Vice Chairman

Madison H. Scott, Secretary

James L. Nichols, Treasurer

Upon motion of Mr. Celeste, seconded by Mr. Shumate, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**RESEARCH FOUNDATION REPORT**

Mr. Celeste:

You will find a summary of the Grants and Contracts received by The Ohio State University Research Foundation during the month of March at Tab 1 in your Research Foundation Report. The two tables in this tab also include awards for the Engineering Experiment Station. In accordance with the recent agreement between the Research Foundation and the Engineering Experiment Station, the data for 1993 has been combined and for consistency sake the amounts in 1992 include EES data. In the first table, the awards for the period July through March from federal sponsors continue to show an increase of 6.4 percent. However, total funding from all sponsors is down about 4 percent. Most of this decrease is due to one large multi-year award received last year, which we referred to before. The second table provides a summary of fiscal year 1993 awards with the detail on how the awards would have been distributed between OSURF and EES prior to the merger.

At Tab 2 you will find expenditure summaries for the month of March. This table only includes OSURF expenditures because similar data for EES administered awards is not available in this format. Total expenditures have increased 4.7 percent and it is noteworthy that both federal and non-federal expenditures are following this trend.

**RESEARCH FOUNDATION REPORT (contd)**

Mr. Celeste: (contd)

Some new projects of special interest that were funded in the month of March are listed at Tab 3. These new projects are all in areas that the University has identified as Key Technologies. I thought you might be interested that Professors George Milo, Steven D'Ambrosio, and Randall Harris from the College of Medicine have been funded by the Ohio Water Development Authority to establish a Center for Molecular Environmental Health. This Center will focus on investigating the effects on human health of environmental contaminants.

And in honor of you, Mr. Chairman, I had the pleasure of visiting the laboratory of Professor Giorgio Rizzoni in the Department of Mechanical Engineering this week. He is funded by the Chrysler Corporation to evaluate the feasibility of using time-varying signal processing algorithms for improving something we all know -- the detection of knock in their 3.5 liter V6 engine.

At Tab 4 is the list of all projects funded in March.

At Tab 5 is a report of progress payments received by the Engineering Experiment Station for projects remaining with them and terminating before July 1993.

Tab 6 includes press releases issued by University Communications highlighting recent research activity.

As a follow-up to The Ohio State University Research Foundation Board meeting on March 26, 1993, I want to report that, following the review and recommendation of the OSURF Board, the Foundation has issued a Request for Proposals for the Management Review of The Ohio State University Research Foundation Technology Transfer Activities. The deadline for receipt of proposals is May 20, 1993, and we expect to have this review completed by the end of the summer.

**REPORT OF RESEARCH CONTRACTS AND GRANTS**

Resolution No. 93-122

Synopsis: The reports on research and other sponsored program contracts and grants and the summary for March 1993 are presented for Board acceptance.

WHEREAS monies are solicited and received on behalf of the University from governmental, industrial, and other agencies in support of research, instructional activities, and service; and

WHEREAS such monies are received through The Ohio State University Research Foundation:

NOW THEREFORE

BE IT RESOLVED, That the research agreement between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants listed with the Report of March 1993 Grants and Contracts be approved.

Upon motion of Mr. Celeste, seconded by Ms. Casto, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

**RESEARCH FOUNDATION REPORT (contd)**

Mr. Barone:

Thank you, Mr. Celeste. I think that you have done a wonderful job this year and I want to thank you personally.

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**HOSPITALS BOARD COMMITTEE REPORT**

Mr. Skestos:

On April 8 the Professional Affairs/Education/Research Committee began its meeting with an executive session review of quality and resource management efforts, both hospital-wide and within the Trauma Service. The Committee was pleased to hear that although our Trauma Service receives patients with very severe injuries, our survival rates for those patients are significantly better than national averages. The Hospitals was certified in 1983-84 by the American College of Surgeons as meeting the criteria for a Level 1 trauma center, and we are confident their return visit this June will result in recertification. In open session we learned that the College of Medicine was very successful in placing this year's graduates in residency programs through the National Resident Match program; University Hospitals was also successful in attracting top students to our residency programs.

On April 22 the Strategic Planning Committee continued its review of the evolving healthcare market and strategies that will need to be implemented by large university teaching hospitals in order to survive and thrive in a rapidly changing environment. Also on April 22 the full Hospitals Board met. After receiving reports from the Medical Director and the Chief of Staff, we received an overview of the Hospitals' financial performance. Mr. Schrock discussed how Medicare and Medicaid reimbursement is affected by the Case Mix Index and how Medicare reimbursement is expected to change during the next several years. Ms. Insley reviewed proposed Hospitals Board Bylaws revisions, which were endorsed by the full Board and will be forwarded to the Trustees for final action. Lastly, we elected officers for the coming year: Dr. Donald Shackelford as Chairperson and Mr. William Bennett as Vice Chairperson.

**UNIVERSITY HOSPITALS BOARD REAPPOINTMENTS**

Resolution No. 93-123

Synopsis: Approval of the reappointments of University Hospitals Board members is proposed.

WHEREAS the Board of Trustees on November 30, 1979, approved the establishment of a University Hospitals Board; and

WHEREAS the membership of the Hospitals Board was approved on April 4, 1980, and has been subsequently amended; and

WHEREAS the term of two general public members of the Hospitals Board has expired:

NOW THEREFORE

May 7, 1993 meeting, Board of Trustees

**UNIVERSITY HOSPITALS BOARD REAPPOINTMENTS (contd)**

BE IT RESOLVED, That the following individuals be reappointed as general public members of the University Hospitals Board, for a three-year term, effective May 1, 1993:

Charlotte L. Immke  
Grayce M. Sills

Upon motion of Mr. Celeste, seconded by Mr. Kessler, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

Mr. Barone:

I want to thank you personally, too, George, for the fine work you have done on this Committee while I have been Chairman. I greatly appreciate it. You have made my job a lot easier.

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**CANCER HOSPITAL REPORT**

Mr. Kessler:

I would like to present the following resolution:

**REAPPOINTMENT OF THE OVERSIGHT COMMITTEE MEMBERS FOR  
THE ARTHUR G. JAMES CANCER HOSPITAL AND RESEARCH INSTITUTE**

Resolution No. 93-124

Synopsis: The reappointment of the oversight committee members for The Arthur G. James Cancer Hospital and Research Institute is proposed.

WHEREAS The Arthur G. James Cancer Hospital and Research Institute admitted its first patients in July 1990 and now is fully operational; and

WHEREAS in June 1990 the Board of Trustees established the position of Trustee Liaison to the James Cancer Hospital during its initial phase of operations; and

WHEREAS in June 1991 the Board of Trustees established the Oversight Committee for The Arthur G. James Cancer Hospital and Research Institute to provide a formal oversight process for this unique interdisciplinary clinical and research facility to provide continuing involvement and support by this Board for the mission and operation of the James Cancer Hospital:

NOW THEREFORE

BE IT RESOLVED, That the Board of Trustees hereby reappoints, as a committee of this Board, The Arthur G. James Cancer Hospital and Research Institute Oversight Committee and approves the amended Policy Statement regarding the Committee's membership and operation; and

**REAPPOINTMENT OF THE OVERSIGHT COMMITTEE MEMBERS FOR  
THE ARTHUR G. JAMES CANCER HOSPITAL AND RESEARCH INSTITUTE (contd)**

BE IT FURTHER RESOLVED, That the following individuals be appointed as members of the Committee for 1993-94.

John W. Kessler, Chair  
Alex Shumate  
David E. Schuller, M.D.  
R. Reed Fraley  
William J. Shkurti  
Edward F. Hayes  
Henry G. Cramblett, M.D.

Upon motion of Mr. Kessler, seconded by Ms. Casto, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix XXXVI for background information, page 751.)

Mr. Barone:

I don't know how to express this, but since I served on the Oversight Committee and watched your work, I want to commend you for the wonderful job you have done. The Cancer Hospital is now financially in better condition and the billing that you straightened out has been very effective. On behalf of this Board and especially the Chairman, I want to personally thank you.

Mr. Kessler:

Thank you, Mr. Chairman. I have had you as a good, able Vice Chairman on that Committee.

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**INVESTMENTS COMMITTEE REPORT**

Amb. Wolf:

As the report shows, private gift support through the first three quarters of the year remains strong with a 49 percent increase over last year.

The only significant decrease in any category is that of private foundations which is down 24 percent. As previously reported, this is due to two major gifts of \$1.1 million which were received by this time last year, but similar sized gifts have not been received yet this year.

I would also like to call your attention to how important major gifts are to the Development Fund. During the period July 1992 - March 1993, that is a nine-month period, we received 195 gifts of \$100,000 or more totaling \$30.2 million.

**REPORT ON UNIVERSITY DEVELOPMENT**

Resolution No. 93-125

Synopsis: The report on the receipt of gifts and the summary for March 1993 are presented for Board acceptance.

**REPORT ON UNIVERSITY DEVELOPMENT (contd)**

WHEREAS monies are solicited and received on behalf of the University from alumni, industry, and various individuals in support of research, instructional activities, and service; and

WHEREAS such gifts are received through The Ohio State University Development Fund and The Ohio State University Foundation; and

WHEREAS this report includes the establishment of thirteen (13) new named endowed funds and amendments to three (3) endowment funds:

NOW THEREFORE

BE IT RESOLVED, That the acceptance of the report from The Ohio State University Development Fund and The Ohio State University Foundation during the month of March 1993 be approved.

Upon motion of Amb. Wolf, seconded by Mr. Kessler, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

SUMMARY

TOTAL UNIVERSITY PRIVATE SUPPORT

July-March  
1991-92 compared to 1992-93

GIFT RECEIPTS BY DONOR TYPE

	Dollars		
	July through March		
	<u>1991-92</u>	<u>1992-93</u>	<u>% Change</u>
Individuals:			
Alumni (Current Giving)	\$ 7,651,497	\$13,653,944	78
Alumni (From Bequests)	<u>1,652,677</u>	<u>2,044,300</u>	24
Alumni Total	\$ 9,304,174	\$15,698,244	69
Non-Alumni (Current Giving)	\$ 5,131,002	\$ 5,755,927	12
Non-Alumni (From Bequests)	<u>2,274,824</u>	<u>2,161,758</u>	(5)
Non-Alumni Total	\$ 7,405,826	\$ 7,917,685	7
Individual Total	\$16,710,000	\$23,615,929	41
Corporations/Corp. Foundations	\$12,547,332	\$25,781,014	105
Private Foundations	\$ 5,346,943	\$ 4,085,113	(24)
Associations & Other Organizations	<u>\$ 3,259,247</u>	<u>\$ 3,082,307</u>	(5)
TOTAL	\$37,863,522	\$56,564,363	49

**REPORT ON UNIVERSITY DEVELOPMENT (contd)**  
 SUMMARY (contd)  
 THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

	<u>Previous Gifts</u>	<u>Current Gifts</u>	<u>Total Gifts</u>
Establishment of Named Endowed Funds			
The Lawrence and Isabel Barnett Distinguished Visiting Professor Fund in Arts Policy and Administration (Professorship Support - College of the Arts)		\$260,000.00	\$260,000.00
The Lynn G. Wilkins Scholarship Fund for Teacher Education: St. Clairsville-Richland School District (Scholarships - College of Education)	\$ 40,000.00		\$ 40,000.00
The Bert C. Wiley, M.D. Chair Fund in Physical Medicine and Rehabilitation (Chair - Department of Physical Medicine and Rehabilitation)	\$ 35,000.00		\$ 35,000.00
The Lynn G. Wilkins Scholarship Fund for Teacher Education: Barnesville Exempted Village School District (Scholarships - College of Education)	\$ 30,000.00		\$ 30,000.00
The Herbert Norris Snowden, Jr. Athletic Scholarship Fund (Grant-in-Aid Scholarships - Athletics)		\$ 26,875.00	\$ 26,875.00
The Russell E. Heinzelman Civil Engineering Scholarship Fund (Scholarships - College of Engineering)		\$ 25,000.00	\$ 25,000.00
The Howard R. Hill Scholarship Fund (Scholarships - School of Music)	\$ 15,000.00		\$ 15,000.00
The MEDCO Containment Services, Inc. Scholarship Fund (Scholarships - College of Pharmacy)	\$ 15,000.00		\$ 15,000.00
The John H. Rosemond, Sr., M.D. Scholarship Fund (Scholarships - Office of Minority Affairs)	\$ 15,000.00		\$ 15,000.00
The Sandusky County 4-H Endowment Fund (Sandusky County 4-H Program)	\$ 15,000.00		\$ 15,000.00
The Alga "Peg" Weaver 4-H Scholarship Fund (Scholarships - Colleges of Agriculture and Human Ecology)		\$ 15,000.00	\$ 15,000.00

**REPORT ON UNIVERSITY DEVELOPMENT (contd)**

SUMMARY (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

	<u>Previous Gifts</u>	<u>Current Gifts</u>	<u>Total Gifts</u>
Establishment of Named Endowed Funds (contd)			
The Paul and Verda Denning Scholarship Fund (Scholarships - College of Business)	\$ 5,300.00		\$ 5,300.00

Change in Name and Description of Named Endowed Funds

Merging: Arthur Young Professorship of Accounting and Ernst & Whinney Professorship in Accounting  
To: The Ernst & Young Endowment for Excellence in Accounting Education

From: The Alga "Peg" Weaver 4-H Scholarship Fund  
To: The Alga D. "Peg" Weaver Honor Scholarship in Human Ecology

Change in Description of Named Endowed Fund

The Ruby Colflesh Hess Memorial Fund in the College of Education

THE OHIO STATE UNIVERSITY FOUNDATION

Approval of Description and Establishment of Named Endowed Fund

The King George III Professorship Fund in British History (Support for Professorship - College of Humanities)	\$ 15,000.00	\$ 5,000.00
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**REPORT ON UNIVERSITY DEVELOPMENT (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND**

Establishment of Named Endowed Funds

The Lawrence and Isabel Barnett Distinguished Visiting Professor  
Fund in Arts Policy and Administration

The Lawrence and Isabel Barnett Distinguished Visiting Professor Fund in Arts Policy and Administration was established May 7, 1993, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Lawrence R. Barnett (B.S.Bus.Adm. '88) and Isabel Barnett of Rye, New York.

All gifts are to be invested in the University's permanent endowment fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to support the teaching and other work of the Lawrence and Isabel Barnett visiting professor in Art Policy and Administration. The visiting professor shall be nationally and internationally recognized in the academic or arts community with expertise and experience in the business and policy aspects of the arts.

Duties of the visiting professor shall include, but is not limited to, teaching classes, seminars and workshops; meeting with individual and groups of students; giving public lectures; and participating in symposium and University arts community functions.

Appointment to the visiting professor position shall be made by the Dean of the College of the Arts and the Director of the School of Public Policy and Management upon recommendation of a faculty and student committee with representatives from the College of the Arts and the School of Public Policy and Management. Any unused income in any given year shall be returned to principal.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the Dean of the College of the Arts and Director of the School of Public Policy and Management in order to carry out the desire of the donors.

\$260,000

The Lynn G. Wilkins Scholarship Fund for Teacher  
Education: St. Clairsville-Richland School District

The Lynn G. Wilkins Scholarship Fund for Teacher Education: St. Clairsville-Richland School District was established May 7, 1993, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the estate of Lynn G. Wilkins (B.A., Political Science '45; M.A., Political Science '47).

All gifts are to be invested in the University's permanent endowment fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

**REPORT ON UNIVERSITY DEVELOPMENT (contd)**

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Endowed Funds (contd)

The Lynn G. Wilkins Scholarship Fund for Teacher  
Education: St. Clairsville-Richland School District (contd)

The annual income shall be used to provide one or more annual scholarships to students from the St. Clairsville-Richland School District who are entering The Ohio State University and plan to pursue an education for the purpose of teaching at the elementary or secondary level. If there is no eligible student, the scholarship may be awarded to a student from the St. Clairsville-Richland School District who is currently enrolled, including a former recipient who remains committed to pursuing the profession of teaching. Selection of the recipient shall be made by the district superintendent in conjunction with the high school principal(s) and in conjunction with the Dean of the College of Education and the University Committee on Student Financial Aid.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the Dean of the College of Education in order to carry out the desire of the donor.

\$40,000

The Bert C. Wiley, M.D., Chair Fund  
in Physical Medicine and Rehabilitation

The Bert C. Wiley, M.D., Chair Fund in Physical Medicine and Rehabilitation was established May 7, 1993, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from an anonymous donor in honor of Bert C. Wiley, M.D., a graduate of The Ohio State University College of Medicine, Class of 1943.

All gifts are to be invested in the University's permanent endowment fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

Additional gifts and annual income shall be applied to the principal until the Fund reaches \$500,000 at which time it will be combined with The Bert C. Wiley, M.D. Endowed Professorship in Physical Medicine and Rehabilitation to establish a fully funded Chair at \$750,000. Once funded, the annual income shall support a faculty chair position in the Department of Physical Medicine and Rehabilitation as recommended by the Chairperson of the Department of Physical Medicine and Rehabilitation and the Dean of the College of Medicine to the Provost and approved by the Board of Trustees.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the Dean of the College of Medicine, or program administrative officer in order to carry out the desire of the donor.

\$35,000

**REPORT ON UNIVERSITY DEVELOPMENT (contd)**

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Endowed Funds (contd)

The Lynn G. Wilkins Scholarship Fund for Teacher  
Education: Barnesville Exempted Village School District

The Lynn G. Wilkins Scholarship Fund for Teacher Education: Barnesville Exempted Village School District was established May 7, 1993, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the estate of Lynn G. Wilkins (B.A., Political Science '45; M.A., Political Science '47).

All gifts are to be invested in the University's permanent endowment fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide one or more annual scholarships to students from the Barnesville Exempted Village School District who are entering The Ohio State University and plan to pursue an education for the purpose of teaching at the elementary or secondary level. If there is no eligible student, the scholarship may be awarded to a student from the Barnesville Exempted Village School District who is currently enrolled, including a former recipient who remains committed to pursuing the profession of teaching. Selection of the recipient shall be made by the district superintendent in conjunction with the high school principal(s) and in conjunction with the Dean of the College of Education and the University Committee on Student Financial Aid.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the Dean of the College of Education in order to carry out the desire of the donor.

\$30,000

The Herbert Norris Snowden, Jr. Athletic Scholarship Fund

The Herbert Norris Snowden, Jr. Athletic Scholarship Fund was established May 7, 1993, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from Herbert N. Snowden III of Columbus, Ohio, in honor of his father, a former member of the OSU Track Team.

All gifts are to be invested in the University's permanent endowment fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to supplement the grant-in-aid scholarship costs of student athletes who are members of the men's varsity track team pursuing undergraduate degrees at The Ohio State University. Recipients shall be selected by the Director of Athletics in consultation with the University Committee on Student Financial Aid.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees as recommended by the Director of Athletics in order to carry out the desire of the donor.

\$26,875

**REPORT ON UNIVERSITY DEVELOPMENT (contd)**

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Endowed Funds (contd)

The Russell E. Heinzelman Civil Engineering Scholarship Fund

The Russell E. Heinzelman Civil Engineering Scholarship Fund was established May 7, 1993, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Mrs. Doris U. Heinzelman in memory of her husband, Russell E. Heinzelman (B.C.E. '27).

All gifts are to be invested in the University's permanent endowment fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide one or more scholarships to worthy students majoring in civil engineering. Selection shall be based on academic merit. Recipients shall be eligible for renewed awards as long as each maintains progress towards a degree and high academic standards. The selection shall be made by the Department of Civil Engineering Chairperson in consultation with the Dean of the College of Engineering and the University Committee on Student Financial Aid.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

\$25,000

The Howard R. Hill Scholarship Fund

The Howard R. Hill Scholarship Fund was established May 7, 1993, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from family and friends in memory of Howard R. Hill.

All gifts are to be invested in the University's permanent endowment fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide one or more scholarships for an in-state male voice student enrolled at The Ohio State University at the junior or senior level with a minimum GPA of 3.0. The recipients are to be talented but are not required to belong to a choral group. The scholarship is to be awarded annually and is not renewable. Selection of the recipients shall be made by the Director of the School of Music in consultation with voice faculty members and the University Committee on Student Financial Aid.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

\$15,000

**REPORT ON UNIVERSITY DEVELOPMENT (contd)**

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Endowed Funds (contd)

The Medco Containment Services, Inc. Scholarship Fund

The Medco Containment Services, Inc. Scholarship Fund was established May 7, 1993, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Medco Containment Services, Inc. of Montvale, New Jersey.

All gifts are to be invested in the University's permanent endowment fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide one or more scholarships to fifth year students in the College of Pharmacy who excel academically but need financial assistance. The scholarship recipients shall be determined by the Dean of the College of Pharmacy, or his designee, in consultation with the University Committee on Student Financial Aid.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

\$15,000

The John H. Rosemond, Sr., M.D. Scholarship Fund

The John H. Rosemond, Sr., M.D. Scholarship Fund was established May 7, 1993, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from Mrs. John H. Rosemond, Sr., their children, relatives and friends.

All gifts are to be invested in the University's permanent endowment fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide one or more scholarships for African-American students graduating from Columbus public schools who have earned a GPA of 3.0 or better in the college preparatory curriculum. Preference shall be given to students with outstanding leadership potential who have demonstrated an interest in aviation, medicine, science or the arts. Typically, this scholarship shall be awarded to an entering freshman student(s) and is renewable through the completion of their baccalaureate degree not to exceed more than five years provided they maintain a minimum GPA of 3.0. Selection of the award recipients shall be made by the Vice Provost for Minority Affairs in consultation with the OMA Committee on Student Financial Aid and the University Committee on Student Financial Aid.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donors.

\$15,000

**REPORT ON UNIVERSITY DEVELOPMENT (contd)**

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Endowed Funds (contd)

The Sandusky County 4-H Endowment Fund

The Sandusky County 4-H Endowment Fund was established May 7, 1993, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from Sandusky County 4-H Clubs and local friends of 4-H.

All gifts are to be invested in the University's permanent endowment fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to support the Sandusky County 4-H Program. This support may include, but is not limited to, the funding of scholarships and awards for 4-H members, volunteer leaders and friends of 4-H; sponsoring seminars and programs; and purchasing material or services that will supplement 4-H programming or increase the visibility and public support for 4-H in Sandusky County. All expenditures from this fund shall be approved by the Sandusky County 4-H Advisory Committee and the professional in charge of the Sandusky County 4-H Program.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees with preference being given to recommendations from the Director of Ohio State University Extension in consultation with a committee representing the local 4-H donors in order to carry out the desire of the donors.

\$15,000

The Alga "Peg" Weaver 4-H Scholarship Fund

The Alga "Peg" Weaver 4-H Scholarship Fund was established May 7, 1993, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Alga Weaver (B.S.H.E. '40).

All gifts are to be invested in the University's permanent endowment fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to grant at least one scholarship up to \$1,200 for three (3) consecutive quarters providing the recipient maintains a minimum GPA of 2.0 or above on a 4.0 scale. Should the annual income exceed \$1,200, a second scholarship shall be awarded, dividing the interest into equal values, following the same guidelines as the first scholarship. Applicants must be 4-H members, seniors in high school during the year of application, committed to a profession in home economics and planning to enroll as freshmen at The Ohio State University, Columbus campus, branches and satellites. The award shall be credited directly to the student's account to be used for academic, supplies and books only. If no applicant is found, then the scholarship may be awarded to a student currently enrolled (continuing education students included) in home economics at The Ohio State University, Columbus campus, branches and satellites. Award recipients shall be selected by the 4-H Awards Selection Committee in consultation with the scholarship coordinators of the College of Agriculture and the College of Human Ecology and the University Committee on Student Financial Aid.

**REPORT ON UNIVERSITY DEVELOPMENT (contd)**

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Endowed Funds (contd)

The Alga "Peg" Weaver 4-H Scholarship Fund (contd)

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees with preference being given to recommendations from the Director for the Ohio State University Extension, in consultation with a committee representing the local 4-H donors, in order to carry out the desire of the donor.

\$15,000

The Paul and Verda Denning Scholarship Fund

The Paul and Verda Denning Scholarship Fund was established May 7, 1993, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Paul and Verda Denning, Sarasota, Florida, for the support of the College of Business.

All gifts are to be invested in the University's permanent endowment fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide a scholarship for an undergraduate student with a grade point average of 3.0 (4.0 scale) or better who is enrolled in the College of Business. Preference shall be given to students with demonstrated financial need. Selection of the scholarship recipient shall be made by the Dean of the College of Business in consultation with the University Committee on Student Financial Aid.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donors.

\$5,300

Change in Description of Named Endowed Fund

The Ruby Colflesh Hess Memorial Fund in the College of Education

The Ruby Colflesh Hess Memorial Fund in the College of Education was established November 1, 1985, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from John Frederick Hess (B.S.Bus.Adm. '36) in memory of his wife, Ruby Colflesh Hess (B.S.Ed. '28; M.A., Education '51). The description was revised May 7, 1993.

All gifts are to be invested in the University's permanent endowment fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

**REPORT ON UNIVERSITY DEVELOPMENT (contd)**

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Change in Description of Named Endowed Fund (contd)

The Ruby Colflesh Hess Memorial Fund in the College of Education (contd)

The annual income shall be used for the benefit of the secondary education program in the Department of Educational Studies, College of Education, in the areas of greatest need which would benefit many students. This may include such items as instructional materials and equipment, laboratory materials and equipment, and classroom innovations. Expenditure decisions shall be made by the Chair of the Department in conjunction with the Dean of the College of Education.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer who is directly responsible for the secondary education program in order to carry out the desire of the donor.

Change in Name and Description of Named Endowed Funds

The Ernst & Young Endowment for Excellence in Accounting Education

The Ernst & Young Endowment For Excellence in Accounting Education was established May 7, 1993, by the Board of Trustees of The Ohio State University (University) with gifts to The Ohio State University Development Fund from the Ernst & Young Foundation and the staff and partners of Ernst & Young.

The Ernst & Young Endowment for Excellence in Accounting Education was also being funded through the merger of the Arthur Young Professorship of Accounting established April 10, 1969, by the Board of Trustees of The Ohio State University and The Ernst & Ernst Professorship in Accounting established February 3, 1978, by the Board of Trustees of The Ohio State University. The name of The Ernst & Ernst Professorship in Accounting was changed to the Ernst & Whinney Professorship in Accounting on November 30, 1979.

All gifts are to be invested in the University's permanent endowment fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to promote innovations and excellence in accounting through the support of faculty, students and practitioners. The administrator of the fund shall be the Chair of the Department of Accounting & MIS (Chair) of the College of Business (College) at the University. The Chair shall form an advisory committee consisting of representation from Ernst & Young (three members) and the College (four members) to review the endowment's purposes and budget each year. The Chair of the Department of Accounting & MIS shall also become a member of any council of professors or chairholders that may be formed by Ernst & Young to interact and promote dialogue with the academic community in higher education.

The endowment objectives shall include:

- Provide annual income to support scholarships to recruit and retain meritorious students in accounting. Students receiving such support shall be identified as Ernst & Young Scholars, and internships shall be provided. Ernst & Young shall be actively involved in the selection of the recipients.

**REPORT ON UNIVERSITY DEVELOPMENT (contd)**

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Change in Name and Description of Named Endowed Funds (contd)

The Ernst & Young Endowment for Excellence in Accounting Education (contd)

-Provide resources annually to promote the Ernst & Young Speaker Series. The series shall annually showcase a nationally known business figure and shall be offered in different cities in Ohio. The endowment shall provide the honorarium and transportation costs for the speaker, while Ernst & Young shall provide other budget and planning support for the event, subject to limitation and prior approval by Ernst & Young.

-Provide resources to fund the Ernst & Young Excellence in Teaching Award. A cash award shall be given to the selected faculty member, and additional resources shall be used to fund an event (and memento) in honor of the recipient. Initially, it is intended that the award shall be given every year with the first award and alternating awards thereafter to be made to a regular faculty member in the Department of Accounting & MIS. For the second and alternating competitions thereafter, any regular faculty in the College shall be eligible to receive the award. A committee consisting of prominent business leaders (including a representative of Ernst & Young), the Chair of the Department of Accounting & MIS and the Dean of the College shall make the selection.

-Provide resources annually to support the Ernst & Young Faculty Scholars. This program is intended to help attract and retain faculty who are "up and coming" in the Accounting/MIS and business education community. As members of the teaching faculty, they shall be identified as Ernst & Young Faculty Scholars and shall have a high level of exposure in the classroom.

-Provide resources for Accounting/MIS research and faculty development as well as administration of the endowment. This program shall support research and professional enrichment for members of the Accounting faculty. It shall also provide funds for costs associated with administering the endowment.

The Ernst & Young Endowment for Excellence in Accounting Education is the first of its kind in the nation and is perfectly positioned to adapt over time to new challenges identified by Ernst & Young and the College.

It is the desire of the donors that this fund should benefit the University in perpetuity. However, Ernst & Young has no obligation to provide any additional funds to the endowment. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with Ernst & Young and the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donors.

The Alga D. "Peg" Weaver Honor Scholarship in Human Ecology

The Alga D. "Peg" Weaver Honor Scholarship in Human Ecology was established September 3, 1982, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Alga D. "Peg" Weaver, her family and friends. The name of the fund and description were revised February 4, 1993, and have been revised May 7, 1993, to restore the endowment back to its original intent.

**REPORT ON UNIVERSITY DEVELOPMENT (contd)**

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Change in Name and Description of Named Endowed Funds (contd)

The Alga D. "Peg" Weaver Honor Scholarship in Human Ecology (contd)

All gifts are to be invested in the University's permanent endowment fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to support undergraduate honor scholarships for students enrolling in education programs administered by the College of Human Ecology. Scholarships shall be awarded by the Office of Student Financial Aids based upon recommendations of the Honors Committee within the College of Human Ecology.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

THE OHIO STATE UNIVERSITY FOUNDATION

Approval of Description and Establishment of Named Endowed Fund

The King George III Professorship Fund in British History

The King George III Professorship Fund in British History was established May 7, 1993, by the Board of Trustees of The Ohio State University through funds received by the University from The Ohio State University Foundation, which has established an endowed fund with gifts designated for the support of the College of Humanities from Carl W. Thomas (B.S.Bus.Adm '50; M.B.A. '53).

Income provided by the Foundation shall be added to the principal until the fund reaches \$500,000. Once the funding level has reached \$500,000, the annual income shall be distributed to the College of Humanities to be used to support a professorship in British History. Appointment to the professorship shall be recommended by the Dean of the College of Humanities to the Provost and approved by the Board of Trustees.

\$15,000

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**INVESTMENTS COMMITTEE REPORT (contd)**

Amb. Wolf:

The final part of our report has to do with the Investments Committee reviewing the Monthly Endowment Summary Report for the period March 20, 1993 through April 16, 1993. The market value of the Endowment Fund on April 16, 1993 was \$454.5 million. This total was approximately \$900,000 above the March 20, 1993 market value figure. The equity portion of the Endowment Fund decreased \$500,000; however, the fixed income portion increased a little over \$700,000 during the reporting period. Net new additions to the Endowment Fund for April totaled \$800,000.

### **INVESTMENTS COMMITTEE REPORT (contd)**

Amb. Wolf: (contd)

Since July 1, 1992, the Endowment Fund has increased an amazing \$52.5 million, including net new additions of \$14.6 million. The \$38 million was an increase in the market value of our investment portfolio. The current asset allocation for the Endowment Fund is 60 percent invested in equities, 26 percent in fixed income, 8 percent in real estate, and 6 percent in cash equivalents.

The Committee next heard the Quarterly Endowment Report for March 31, 1993. It was reported that the Endowment's Equity and Fixed Income Advisors have both outperformed their corresponding benchmarks of the S&P 500 and the Lehman Government/Corporate Index, respectively, for the nine-month period ending March 31. The report also indicated the Endowment has distributed \$20.9 million of income to its 1,950 funds for the current fiscal year.

Finally, let me say that the Investments Committee heard the quarterly report on Total Cash and Investments for the University and you will find this at the end of the Endowment Fund tab. At the end of that second tab, there is a summation of the total of cash and investments for all accounts for the entire University, which totaled \$920 million as of March 31, 1993. This is an increase of \$191 million since June 30, 1992. The primary reasons for the increase came from a \$54 million increase in the University Endowment Fund, a \$68 million dollar increase in the Operating Funds, and a \$53 million net increase in the University's Debt Service & Debt Construction Funds due to the issuance of general receipts bonds last fall. So if you take out the \$53 million of new debt that we incurred, the net increases really are \$140 million, which is remarkable. This concludes my report, Mr. Chairman.

Mr. Barone:

Thank you, Amb. Wolf. And once again, your expertise and your knowledge of investments this Board has been unusually well-served. As Chairman, I would like to recognize that. I wish to personally thank you for the help you have given me in my chairmanship.

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### **STUDENT AFFAIRS COMMITTEE REPORT**

Ms. Cusack:

At Wednesday's Student Affairs Committee meeting there was a discussion with graduating seniors and graduate students, which I thought was very appropriate at this time especially since I am a graduating senior. We wanted to hear the views of graduating seniors as they prepare to leave Ohio State to get a different perspective on the University. A wide variety of issues were discussed and brought to light. Among other things, students mentioned that red tape at Lincoln Tower and other administrative offices was still a point of frustration. The problem of closed courses causes more problems than inconvenience for the current quarter. Because prerequisites are so often needed, a closed course one quarter can have repercussions for several additional quarters. That was one cause that students gave for being here more than the standard four years at Ohio State.

**STUDENT AFFAIRS COMMITTEE REPORT (contd)**

Ms. Cusack: (contd)

Students also stated that career services offices and career assistance offices have not moved with the times. One student noted that the offices are conducting business as usual in economic times that have changed the job search process. On a positive note, students in agriculture felt well prepared and the College of Business was praised for its interviewing program. All the graduate students present were unanimous in their praise of the treatment they received from the Graduate School administration.

Having said all that, there were two very surprising results from the discussion also. First, and perhaps most surprising, was the fact that the problem of parking was never mentioned. It may be the first time that I have ever spoken with a group at the University and never had any mention of parking.

President Gee:

We've obviously solved it.

Ms. Cusack:

It must be over.

President Gee:

Let's declare victory!

Ms. Cusack:

I might note that these are graduating students and they have given up.

President Gee:

Or else we've towed all their cars!

Ms. Cusack:

The second surprising result of the meeting was a discussion about the conflict between research and teaching. The conflict is noticed by students and that it is regarded with concern is not surprising. It was the context that the discussion arose from that was most surprising.

One question that I asked the students in our discussion was did they feel prepared by Ohio State to enter their chosen field. Several graduate students stated that although they were entering academia, they did not feel prepared to teach. Not only were they unprepared, they were actually discouraged from spending time working on their teaching skills. Several were told by their advisors and faculty "not to waste their time" learning to teach. They must publish and do research to receive grants in order to make it in the academic world. All the students present expressed in some way their feeling about the lack of respect for teaching, but it was particularly upsetting to hear that graduate students felt that they were being taught a lack of respect for teaching.

**STUDENT AFFAIRS COMMITTEE REPORT (contd)**

Ms. Cusack: (contd)

All in all though, I would have to say it was a very enlightening meeting and I am pleased to report on a positive note that all the participants in the meeting have jobs or graduate slots waiting for them upon graduation.

Also, during the meeting we were given a copy of a resolution thanking the outgoing student government leaders for their help this past year. Under the tab Student Affairs, you will notice that there are individual resolutions for each of the student government leaders: Karen Duncan, John Hilbert, and Greg Gorospe. On a personal note, I would like to thank all of them. I want everyone to know that they went above and beyond their duty and helped each of us in a personal way. I think my job would have been nearly impossible without the help of the student government presidents.

**EXPRESSION OF APPRECIATION**

Resolution No. 93-

126

Synopsis: The Student Affairs Committee recommended an expression of appreciation to Karen A. Duncan.

WHEREAS Karen A. Duncan, a Ph.D. candidate in Family Resource Management, has served as President of the Council of Graduate Students during the past year; and

WHEREAS Karen has given generously of her time in serving and representing the graduate student community at Ohio State; and

WHEREAS her academic and leadership roles extended into professional contributing of the highest standards:

NOW THEREFORE

BE IT RESOLVED, That this Board expresses appreciation to Karen A. Duncan for her outstanding service to The Ohio State University and wishes her the best of happiness, good health, and success in the future.

Upon motion of Mr. Barone, seconded by Mr. Celeste, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**EXPRESSION OF APPRECIATION**

Resolution No. 93-127

Synopsis: The Student Affairs Committee recommended an expression of appreciation to Gregory A. Gorospe.

WHEREAS Gregory A. Gorospe, a student in the College of Law, has served as President of the Interprofessional Council during this past year; and

WHEREAS Greg has served the University and his peers in an exemplary manner; and

WHEREAS he has carried out his duties with professionalism and integrity:

**EXPRESSION OF APPRECIATION (contd)**

NOW THEREFORE

BE IT RESOLVED, That this Board expresses appreciation to Gregory A. Gorospe for his outstanding service to The Ohio State University and wishes him the best of happiness, good health, and success in the future.

Upon motion of Mr. Barone, seconded by Mr. Celeste, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**EXPRESSION OF APPRECIATION**

Resolution No. 93-128

Synopsis: The Student Affairs Committee recommended an expression of appreciation to John W. Hilbert III.

WHEREAS John W. Hilbert, a senior majoring in Business Administration, has served this past year as President of the Undergraduate Student Government; and

WHEREAS John has also previously served as Vice President of the Undergraduate Student Government; and

WHEREAS he has worked tirelessly in representing the interests of the undergraduate student body; and

WHEREAS he has earned the respect and regard of faculty, staff, and students with whom he has interacted:

NOW THEREFORE

BE IT RESOLVED, That this Board expresses appreciation to John W. Hilbert III for his outstanding service to The Ohio State University and wishes him the best of happiness, good health, and success in the future.

Upon motion of Mr. Barone, seconded by Mr. Celeste, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**STUDENT AFFAIRS COMMITTEE REPORT (contd)**

Ms. Cusack:

I would also like to thank the Board and the Administration for a great two years and the best experience of my life. Thank you.

President Gee:

I would like to comment on just a couple of things. One is, I couldn't agree more with you that we have had great student leadership this year. We have had quality leadership by people who have been very caring and concerned in our

**STUDENT AFFAIRS COMMITTEE REPORT (contd)**

President Gee: (contd)

undergraduate and graduate student leadership. As some of you know, we have also had frank and fair discussions. I think that Karen can say that. She and I have had, as recently as last week, what one could euphemistically call a frank and fair discussion. I think that is part of academic life and part of the living process, that we do take each other seriously. The worst thing that could happen is if we would ignore people. I think that is something that we have not done. We have taken those issues seriously and I say that to all of the students.

Secondly, to Kristen, we really do plan on having you back and having a full-fledged review of your two years on this Board with pictures and other things to go along. Kristen has been a great asset. As you know, she has taken her membership on the Board seriously, therefore giving us the opportunity to say that students, as representatives of this University on this Board, are taken seriously and I thank you for that wonderful job.

The third point that you brought up is one that I cannot let go by, and I know the Provost knows that I want to comment on that. That is the issue of the continuing relationship between teaching and research as you have identified. We have taken that seriously. I am sorry that any graduate student would leave this institution feeling that we have not put strong emphasis on that. We will, we have, and we must do that. At the same time, the balance between those issues has to be creative and not destructive. We need to work very, very hard on that. But as you know, we have a whole series of things in place. If these students were caught in the interregnum, then we hope that they will be caught back up. But nonetheless, the emphasis and the clear relationship, I think, is being addressed by the Provost's office. Ed, are you vigorously shaking your head yes? Okay, great. And I do thank you for bringing that to our attention.

Ms. Casto:

Mr. President, we also have a plaque to give Kristen which reads: "Kristen Cusack, Student Member, The Ohio State University Board of Trustees, 1991-1993. In appreciation to Kristen Cusack for her dedication, commitment, and praiseworthy service to The Ohio State University."

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**FISCAL AFFAIRS COMMITTEE REPORT**

Mr. Shumate:

The Fiscal Affairs Committee met this morning and is recommending the following resolutions:

**WAIVERS OF COMPETITIVE BIDDING REQUIREMENTS  
JANUARY-MARCH, 1993**

Resolution No. 93-129

Synopsis: Acceptance of the quarterly report on waivers of competitive bidding requirements is proposed:

**WAIVERS OF COMPETITIVE BIDDING REQUIREMENTS  
JANUARY-MARCH, 1993 (contd)**

WHEREAS the Purchasing Policy of The Ohio State University, adopted by the Board of Trustees on September 7, 1984, and revised on February 7, 1992, provides that the President and/or the Vice President for Business and Administration may grant a waiver from competitive bidding in the event of an emergency, when a sufficient economic reason exists, or when the goods or services can be purchased from only a single source, with a report on such waivers to be made quarterly to this Board; and

WHEREAS the Vice President for Business and Administration has submitted a report on waivers of competitive bidding requirements granted for the period of January-March, 1993; and

WHEREAS during the period covered, the Vice President for Business and Administration, at the requests of the departments making the purchases and upon the recommendation of the Purchasing Department, granted 49 waivers of competitive bidding requirements for annual purchases totaling approximately \$3,054,500.00, as shown on the enclosed exhibit:

NOW THEREFORE

BE IT RESOLVED, That the report on waivers of competitive bidding requirements for the period of January-March, 1993, is hereby accepted.

Upon motion of Mr. Shumate, seconded by Ms. Casto, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix XXXVII for background material, page 753.)

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Ms. Pichette:

This resolution continues the process to initiate the design work on projects funded by the Biennial Capital Appropriations Bill. Specifically, it authorizes us to proceed with numerous renovation projects at the Columbus and extended campuses. We have included in your materials an updated summary sheet showing the status of those capital appropriations. I would be happy to answer any questions. This has been recommended by the Fiscal Affairs Committee and we seek your authorization to proceed with this work.

Mr. Shumate:

Are there any questions? As indicated, we have fully reviewed this report.

**EMPLOYMENT OF ARCHITECTS/ENGINEERS AND  
REQUEST FOR CONSTRUCTION BIDS**

Resolution No. 93-130

**PROJECTS FUNDED BY AMENDED SUBSTITUTE HOUSE BILL 904**

Synopsis: The Fiscal Affairs Committee recommended the employment of Architects/Engineers and request for Construction Bids for Projects funded by Amended Substitute House Bill 904.

WHEREAS authorization to employ architects/engineers and request construction bids for the following projects is recommended:

**EMPLOYMENT OF ARCHITECTS/ENGINEERS AND  
REQUEST FOR CONSTRUCTION BIDS (contd)**

PROJECTS FUNDED BY AMENDED SUBSTITUTE HOUSE BILL 904 (contd)

Caldwell Lab Remodeling (Classrooms)  
Hopkins Hall Ventilation Improvements, Phase II  
Larkins Hall Locker/Shower Area Renovations  
Larkins Hall Roof Replacement  
Larkins Hall Window Replacement  
Parks Hall Renovation  
Postle Hall Research Lab Renovation  
Poultry Science Lab Remodeling  
Smith Lab Elevator Replacement  
Lima Regional Campus - Galvin Hall  
Lima Regional Campus Walkways  
Lima Regional Campus - Asphalt/Concrete Renovations  
Lima Regional Campus - Technical Education Lab Service  
Lima Regional Campus - All Buildings  
Lima Regional Campus - Cook Hall  
Newark Regional Campus - Adena Parking Lot Expansion  
ATI - Halterman Hall Research Labs  
ATI - Administrative Reception Office  
ATI - Swine and Beef Barn Renovation  
OARDC - Poultry Electric Supply and Sanitary Sewer  
EORDC Building Improvements  
OARDC - Library Expansion and Video Center  
OARDC - Wooster Greenhouse Supplemental Lights  
OARDC - Outlying Branch Roads  
OARDC - Thorne and Gourley Hall Renovation, Phase II

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to select qualified architectural/engineering firms as necessary for these projects and that the fees for these services be negotiated between the firm selected and the University or State of Ohio, as appropriate; and

BE IT FURTHER RESOLVED, That the President and/or Vice President for Business and Administration be authorized to request construction bids on these projects in accordance with established University and State of Ohio procedures, and if satisfactory bids are received, to recommend the award of contracts to the Department of Administrative Services, Division of Public Works, or to award contracts, with all actions to be reported to this Board at the appropriate time.

Upon motion of Mr. Shumate, seconded by Ms. Casto, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix XXXVIII for background information, page 755.)

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**REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS**

Resolution No. 93-131

MORRILL AND LINCOLN TOWERS RESIDENCE HALLS UPGRADE TREATMENT -- PHASE IV  
DOAN HALL - SICU EXPANSION (MEDICAL LOGISTICAL SERVICES FACILITY EXPANSION)  
RELOCATION OF ART LABORATORIES  
(LORD/HOPKINS RENOVATION -- RELOCATION OF ART LABORATORIES)  
MENDENHALL LABORATORY RENOVATION

Synopsis: Acceptance of the report of award of contracts and the establishment of contingency funds for the listed projects is recommended.

WHEREAS resolutions adopted by the Board of Trustees on December 6, 1990 and March 1, 1991 authorized the President and/or Vice President for Business and Administration to request construction bids in accordance with established State of Ohio and University procedures, and if satisfactory bids were received to award contracts for the Morrill and Lincoln Towers Residence Halls Upgrade Treatment Phase IV and Doan Hall - SICU Expansion (Medical Logistical Services Facility Expansion); and

WHEREAS a resolution adopted by the Board of Trustees on March 6, 1987 and February 4, 1993 authorized the President and/or Vice President for Business and Administration to request construction bids in accordance with established State of Ohio and University procedures, and if satisfactory bids were received to recommend the award of contract for the Lord/Hopkins Renovation -- Relocation of Art Laboratories and Mendenhall Laboratory Renovation projects:

NOW THEREFORE

BE IT RESOLVED, That pursuant to the actions previously authorized by this Board, the report of award of contracts and establishment of contingency funds for these projects is hereby accepted.

Upon motion of Mr. Shumate, seconded by Ms. Casto, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix XXXIX for background information, page 763.)

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Ms. Pichette:

This resolution is to authorize transfer title to the property at 930 Kinnear Road from the Board to the State for the University's use. This property will be used for academic rather than investment purposes to house the University Center for Automotive Research. So it is appropriate and required by law that title be held in the name of the State. A memorandum of understanding among the offices involved, provides for the endowment which funded the buildings purchased to be reimbursed for its value. I would emphasize that this will remain a University owned building. This transfer was recommended by the Fiscal Affairs Committee and we seek your authorization.

**TRANSFER OF TITLE**

Resolution No. 93-132

**PROPERTY AT 930 KINNEAR ROAD  
COLUMBUS, OHIO**

Synopsis: The Fiscal Affairs Committee recommended that the University be authorized to transfer title to the property at 930 Kinnear Road from the Board of Trustees to the State of Ohio.

WHEREAS title to the property at 930 Kinnear Road is held by the Board of Trustees of The Ohio State University; and

WHEREAS the University has determined that this property should be used for academic rather than investment purposes and proposes to transfer this property from the University's Endowment portfolio to the General Fund, with the Endowment to be reimbursed for the appraised value of \$1.6 million and the transfer to be in accordance with a memorandum of understanding among the offices involved; and

WHEREAS to effect this transfer, title to this property needs to be transferred from the Board of Trustees to the State of Ohio for the use of the University; and

WHEREAS the appropriate University offices are in agreement that this transfer of the property is in the best interest of the University:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized, in the name of this Board, convey all of the Board's right, title, and interest in this property to the State of Ohio for the use of The Ohio State University, in accordance with the memorandum of understanding entered into among the offices involved.

Upon motion of Mr. Shumate, seconded by Ms. Casto, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix XL for background information and map, page 769.)

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Ms. Pichette:

We are seeking authorization to purchase the improved property at 235-243 West 11th Avenue in the south campus area. As you can see from the map included in your materials, this property is one of only two properties that we do not own along 11th Avenue from Neil to College. The purchase will be funded from our University's Properties and Land Purchases Account. This purchase has been recommended by the Fiscal Affairs Committee and we seek your authorization.

Mr. Shumate:

Mr. Chairman, this is a unique opportunity that has become recently available to the University and I so move adoption of the resolution for purchase.

**PURCHASE OF REAL PROPERTY**

Resolution No. 93-133

**235-243 WEST 11TH AVENUE  
COLUMBUS, OHIO**

Synopsis: The Fiscal Affairs Committee recommended authorization to purchase improved real property at 235-243 West 11th Avenue in Columbus, Ohio.

WHEREAS The Ohio State University has been presented with an opportunity to purchase the improved real property located at 235-243 West 11th Avenue in Columbus, Ohio; and

WHEREAS this property has an appraised value of \$350,000.00 to \$380,000.00, and the owners, William B. and Teresa G. Dawson, have offered to sell the property to the University at a price of \$380,000.00; and

WHEREAS this property is located within the South Campus acquisition boundary of the University's Master Plan and the appropriate University offices have determined that the purchase of this property is in the best interest of the University; and

WHEREAS funds for the purchase will be provided from general University funds:

NOW THEREFORE

BE IT RESOLVED, That the President and/or the Vice President for Business and Administration be authorized to purchase, in the name of the State of Ohio for the use of The Ohio State University, the improved real property located at 235-243 West 11th Avenue at a price not to exceed \$380,000.00, upon such terms and conditions as are deemed to be in the best interest of the University, subject to the University receiving the necessary approvals from the Ohio Board of Regents and the State Controlling Board.

Upon motion of Mr. Shumate, seconded by Mr. Celeste, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix XLI for background information and map, page 773.)

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Mr. Shumate:

The next agenda item has to do with the renewal of our student health insurance and Vice President Spillman will present this resolution.

Dr. Spillman:

Thank you, Mr. Chairman. We are recommending that the Central Benefits Medical Insurance Company be approved for renewal of the Student Health Insurance contract effective the first day of Autumn Quarter 1993 for a period of one academic year. The contract will provide benefits now available under the terms of the current contract, subject to benefit changes contained in the report of the Student Health Insurance Committee.

Mr. Shumate:

Are there any questions? And, again, Mr. Chairman, this item was fully discussed. We are able to get an attractive financial package available for our students with this plan. Based upon the report and the resolution, I would move adoption.

**RENEWAL OF STUDENT HEALTH INSURANCE**

Resolution No. 93-134

WHEREAS on May 4, 1989, this Board awarded the insurance contract to Central Benefits Mutual Insurance Company following a competitive bid process, effective Autumn Quarter 1989 for an initial two (2) year term, subject to renewal thereafter, and

WHEREAS the University now has the opportunity to competitively bid the insurance program or to seek renewal of the program with the current carrier; and

WHEREAS the current carrier, Central Benefits Mutual Insurance Company, has offered renewal rates that are very competitive in the insurance market and appropriate to our history of claims experience; and

WHEREAS the Student Health Insurance Committee obtained the assistance and expertise of Stephen L. Beckley & Associates, a nationally recognized student insurance consulting firm, and also obtained selected actuarial review consulting services from William M. Mercer, Inc., an international benefits and actuarial consulting firm; and

WHEREAS after consideration of the desires and concerns of the students who purchase the insurance, the Student Health Insurance Committee of the Council on Student Affairs has recommended -- and the full Council has ratified that recommendation -- that the current contract be renewed at the specific rates to provide the existing benefits plus numerous benefit improvements and cost containment measures as illustrated by the following examples:

- (a) Adding the OSU Hospitals and OSU Physicians Provider Network to the current Student Health Service and MedOHIO urgent care facilities preferred provider network;
- (b) Offering an incentive for students to choose the services of the OSU Hospitals and Physicians Provider Network through a \$200 annual maximum waiver of direct medical expenses for each person covered under the plan for inpatient or ambulatory surgery procedures done at OSU Hospitals;
- (c) Increasing coverage under the self-insured services at the Student Health Service from \$1,000 to \$2,000 blanket per year;
- (d) Accepting outside physician orders for services offered and rendered at the Student Health Service;

WHEREAS this program will be available on an optional basis to all registered students for the following proposed Quarterly Premium Rates:

Classification	Current Quarterly Rates 1992-1993	Proposed Quarterly Rates 1993-1994
Student	\$139	\$156
Student & Spouse	\$340	\$373
Student & Child(ren)	\$430	\$477
Student, Spouse & Child(ren)	\$625	\$694

**RENEWAL OF STUDENT HEALTH INSURANCE (contd)**

Appropriate rates have also been derived from the quarterly rate for students on a semester system, and for periods of continuing coverage while not registered as a student.

NOW THEREFORE

BE IT RESOLVED, That Central Benefits Medical Insurance Company be approved for renewal of the Student Health Insurance Contract effective the first day of classes, Autumn Term 1993, for a period of one (1) academic year. The contract will provide the benefits now available under the terms of the current contract subject to the benefit changes contained in the report of the Student Health Insurance Committee.

Upon motion of Mr. Shumate, seconded by Ms. Casto, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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Mr. Shumate:

Finally, Mr. Chairman, Mr. Nichols had asked at our last meeting for the opportunity to briefly introduce several members of his staff who have worked very hard and diligently on a tuition payment plan for students. We want to thank them especially for their dedication and hard work. Mr. Nichols --

Mr. Nichols:

Thank you, Mr. Shumate. At the last meeting, the Board approved the tuition payment option for students which has been well received. I might point out that we have received 800 requests already to be a part of the program. Because the meeting was in Wooster, we did not have the immediate availability of the personnel that really worked on this project. As we often like to do, I would like to introduce the people who are doing the real good work. They are all from the Office of Fees, Deposits, and Disbursements, which for many of us was called the Bursar function at one time. Kathy Gagnon, who is the project manager for this effort, led this and did an excellent job. Guy Flora is the assistant manager of the office and is involved in basically all of the cashiering functions. And, finally, Leonard Copeland, the assistant treasurer of the University, who is in charge of the Office of Fees, Deposits, and Disbursements. We appreciate, very much, your efforts on this project.

Mr. Shumate:

That completes my report, Mr. Chairman.

Mr. Barone:

Alex, again, on behalf of this Board, I would like to thank you for the fine work you have done on this Committee. I think it is outstanding and probably one of the busiest committees that we have.

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## **ACADEMIC AFFAIRS COMMITTEE MEETING**

Mr. Kessler:

I'd like to call on Linda Tom and Nancy Rudd to discuss diversity and campus climate.

### **REPORT ON DIVERSITY AND CAMPUS CLIMATE**

Dr. Nancy Rudd:

Thank you. You received earlier three reports that were produced by committees that were appointed by President Gee a couple of years ago, as well as the University's response to those reports. What we would like to do today is build on the information provided in those reports with respect to both data regarding where we are with regard to diversity, as well as our plans for the future. We want to be a little formal about this if you'll bear with us. Please feel free to interrupt us with questions at any time. We will try to talk quickly so you have plenty of time for discussion following our report. We'd like to talk about issues related to diversity first, and Vice President Tom has put together some data which will give you a rough idea of where we stand. Then I will talk about some of the plans that we have for promoting diversity in the future.

Ms. Linda Tom:

Thank you, Nancy. We distributed some handouts and if you could just go to that we would like to ask you to follow us. What we want to do is share some data with you that will give you the current faculty and staff profile by gender and ethnicity and provide some historical perspective on changes over the years. It will give you some information on how we compare relative to other institutions.

If you turn to the first chart that shows how the OSU faculty and staff look by gender, our faculty and staff is 54 percent female and 46 percent male. And just an observation here, in terms of the national work force, the national work force is 54 percent male and 46 percent female so our work force is the reverse, which is an interesting observation.

Chart number 2 shows the OSU faculty and staff by minority status. Eighty-two percent of our work force is white, 13 percent of our work force is African-American, and that compares with 11 percent of the U.S. work force being African-American. The Native-American work force here at the University is less than 1 percent, and in the national work force it is also 1 percent. The Asian-American faculty and staff comprise 4 percent at OSU, and in the national work force the Asian-American group comprises 3 percent. The Hispanic-American work force at OSU is 1 percent, and in the U.S. work force that group comprises 8 percent. So that really gives you a sense of where we are today.

What changes have occurred over the last couple of years? The next two charts will give you some perspective on that. The chart on page 3 shows women at OSU and the changes from 1976 to 1992. The reason we went back to 1976 is because that was the year that the last Commission on Women did their report and they set 1976 as the baseline for comparison.

**REPORT ON DIVERSITY AND CAMPUS CLIMATE (contd)**

President Gee:

That was the University's Commission on Women?

Ms. Tom:

Yes, the University's Commission on Women. If you look at 1976 in terms of tenure track faculty, 15.3 percent were women and today 25.3 percent are women. In terms of staff in 1976, 48 percent were women and in 1992-93 62 percent are women. So what we have seen there are significant and steady increases.

On page 4, there is a chart that shows the movement of our tenure track faculty by gender and minority status. The first two in the left-hand side of that chart show the total tenure track faculty in the three years of 1986, 1991, and 1993. The reason that we did the comparison from the years 1986 to 1991 was that that was the period of time of the last Black A.C.T.I.O.N. report and Black A.C.T.I.O.N. plan. The most current is the 1993 information. If you look at those three years, between 1986 and 1991, the total tenure track faculty really stayed pretty flat. There was a very small increase. However, from 1991 to 1993 there was a 5 percent decrease, and some of that is explained by our early retirements and also from some of our budget cuts.

Now if we look at those same periods of time and look at the women and minority representation, I'd like to walk you through that. In terms of the category of women, from 1986 to 1991 we increased representation from 766 to 831 which is about 8.5 percent. Then from 1991 to 1993, the number went down slightly. So from 1986 to 1991, when the University's total faculty base stayed pretty much the same, we did see some significant increases in terms of women, and from 1991 to 1993, there has been a slight decrease.

The next group is the African-American faculty. From 1986 to 1991, we did have a significant increase in African-American faculty, from 79 to 109, and that was about 40 percent. From 1991 to 1993, when we did see a decrease in the total faculty, we also saw a decrease here from 109 to 103.

The Native-American faculty is a very small number and that has really been insignificant. The Asian-American faculty has grown and has shown steady growth. From 1986 to 1991, there was a significant increase, and from 1991 to 1993, there is still a gradual increase. Hispanic-Americans, the number is small, but we have seen gradual growth.

The next several charts show how we look relative to other institutions, and we have chosen the Big Ten as one group for comparison. In general, the distribution of women in faculty and staff is similar to other Big Ten institutions. Generally OSU compares as well, if not better, in all occupational categories, and what this chart shows are the occupational categories across the horizontal. The first chart shows women representation by occupational categories, compared against the Big Ten. Where we look to be doing better than the average is in the faculty area where our representation of women is higher. We do quite well in terms of our professional

**REPORT ON DIVERSITY AND CAMPUS CLIMATE (contd)**

Ms. Tom: (contd)

non-faculty category. The clerical and secretarial comparison is an interesting one -- where our representation of women is lower than the average. That to me is an indication that we have diversified in that category, which has been and still is predominately female.

If you flip to page 6, this is a comparison against the Big Ten, but by minority representation. Again, we follow the pattern fairly well. The faculty is slightly below the average. The area that looks to be much higher is in the service and maintenance areas where we have greater minority representation. I think part of the explanation is that OSU is a large urban institution. So I think in terms of pool, we can draw on the larger pool of minority workers. We also again do fairly well in the professional non-faculty area in terms of minority representation.

Mr. Shumate:

What are some examples of professional non-faculty? What is that?

Ms. Tom:

People like managers of offices, supervisors, financial professionals, people in business and administration.

Mr. Kessler:

Would you be in that category?

Ms. Tom:

Yes. The high level executive administrators are, directors, and people who would be performing professional functions, accountants, lawyers, etc., would also be in that category. All of the academic counselors, too. In the private sector it would be your exempt-level employees.

The next two charts are similar comparisons, but these are comparisons with selective comprehensive research universities who are a part of what we call the AAU, which is the Association of American Universities. This group includes the large public institutions, as well as some privates. Those that are included are the Big Ten, but also the California Systems Schools, Rutgers, and the State University of New York. Some of the privates that are included in this group are Cornell, Duke, MIT, and Carnegie-Melon. Again, what we see here is the representation by both female and ethnicity compares fairly well with these institutions. On this comparison we do fairly well with women in the faculty areas, and again we do very well in the professional non-faculty areas. Our clerical and secretarial group is again more diverse than other institutions.

The next chart on page 8 is the same comparison but by minority representation. If we look across the categories, the faculty is pretty much on the average with our professional non-faculty. OSU again is higher in terms of our minority

**REPORT ON DIVERSITY AND CAMPUS CLIMATE (contd)**

Ms. Tom: (contd)

representation. We do again see high representation in the service maintenance area, and I think this is due in part to the location of the institution. We have the ability to draw on a larger pool.

Are there any questions on any of those charts? If not, Nancy will now talk about where we go from here and talk about our affirmative action planning process.

Dr. Rudd:

Before I do that, I would like to call your attention to the chart on page 4, "Tenure Track Faculty by Gender and Minority Status, Change From 1986, 1991, and 1993." Because a point to be made by this makes a nice preface to what I want to talk about next. Linda noted that the size of the total tenure track faculty was quite flat between 1986 and 1991 and declined by a fairly large number. At least if you asked academic departments who are trying to deal with this loss, they would say that is a fairly large number between 1991 and 1993. While at the same time, the number of female faculty and African-American faculty increased by substantially more than the numbers that the overall faculty increased, and decreased by numbers that are substantially less than those by which the faculty decreased. These data indicate that we were replacing white males with other sorts of people. I think at least one reason we see this trend is that we have had in place for the last five years an Affirmative Action Plan across departments for the recruitment of female and minority faculty. These data suggest that indeed that plan has worked.

In light of that, as well as because the institution is very committed to increasing its diversity even more, we are now in the process of asking academic units -- and this time academic support units -- to develop new affirmative action plans which will look forward to the next three years with respect to increasing the representation of women and minorities.

On the next sheet are the four elements that will have to be included in these Affirmative Action Plans. The first is goals and time tables. The units -- academic and academic support -- are being asked to establish goals for increasing the proportion of their faculty and their staff from underrepresented groups. They have to indicate, as best they can, the speed with which they are going to try to do that over the three-year time frame covered by these plans. It is important that these goals reflect both the best information available with respect to the availability of qualified individuals and expectations regarding position vacancies. I will talk a little bit more about those issues in a minute.

The second component is to identify barriers to diversifying the faculty and staff and plans for strategies to try and address those barriers. And, of course, the primary barrier which I am also going to talk some more about is the small pool problem.

The third component is to develop plans to address climate issues and retention issues. It is not terribly useful to recruit members from underrepresented groups unless you can keep them. And the fourth component is to establish benchmarks to measure success.

**REPORT ON DIVERSITY AND CAMPUS CLIMATE (contd)**

Dr. Rudd: (contd)

It is very important that we be realistic about what is possible and I want to talk a little bit about that. The next graph provides some information that will start us on a discussion. I am not going to describe all the information on this table. What I want you to focus your attention on is the left-hand bars that are somewhat lighter. These represent the proportion of all Ph.D. degrees conferred in 1991- 92 by CIC institutions to various groups. If you are not familiar with the CIC designation that includes all of the Big Ten universities or Big Eleven, if you want to count right, and the University of Chicago. Those are the institutions from whom we recruit a lot of our faculty, although certainly not all of them.

Note that in 1991-92, only 2.8 percent of all doctorates were conferred to African-Americans; 0.4 percent to Native-Americans; 6.1 percent to Asian-Americans; and 2.5 percent to Hispanic-Americans. However, these are gross figures, they do not take into account the number factors. They don't take into account the fact that many people who get Ph.D.'s -- in some fields more than others -- don't even go into higher education. Many go into the private sector or into self-employment and the like.

Secondly, of those who do go into higher education, only some subset of those go into positions in research universities -- they go to other kinds of four-year institutions, they go to two-year colleges, and other kinds of institutions of higher education.

The third problem -- and the one I want to talk about a little bit more -- is that these gross figures do not reflect the size of the pool and specific academic disciplines. In some academic disciplines the pool is much larger than this and in some the pool is much smaller. I would like to cite a specific example to give you some insight of the pool problem without being too abstract. A broad academic area that is often noted to have a pool problem is mathematical and physical sciences. That area has a pool problem with respect to both women and minorities, which is not necessarily the case in other disciplines. I will give you an example from physics. The primary source of new faculty for most academic units, and not just physics, is new Ph.D.'s, so it is useful to talk about the size of that pool.

In 1991, 1,358 doctorates were granted in physics, keep that number in mind. Of these, nine were awarded to African-Americans and 145 to women. Obviously very small numbers in relationship to the number of doctorates granted. These numbers however small they are, are a very inflated indication of the pool of potential candidates for research faculty positions. This is partly for reasons that I indicated a minute ago -- many won't go into higher education. Of those who do, many won't want positions in research universities or they won't have the appropriate training for those positions.

Second, a characteristic required of new faculty in many of the sciences including physics is that to obtain a position in a research university an individual has to do a 3 to 5-year post-doc somewhere to get additional research training. And of those who might be interested in a research university position, only some will successfully get such a position. You can see that the pool keeps getting smaller.

**REPORT ON DIVERSITY AND CAMPUS CLIMATE (contd)**

Dr. Rudd: (contd)

But the problem that is least understood -- and actually applies to all academic disciplines and not just to physics -- is that physics is not a homogenous field. A physicist is not a physicist is not a physicist. Just to give you an example, there are high energy physicists, condensed matter physicists, nuclear physicists, atomic and molecular physicists, astro physicists, and within each one of these groups there are experimental and theoretical physicists. I am told by my physicists friends that these people don't even speak the same language, literally. It is sort of like Chinese versus German. So they are not interchangeable. When a physics department, ours or anybody else's, goes out to recruit a physicist, it recruits the kind it needs to build its program. You can see by the time you take the kind of small pool that I have already described and divide it up by subdisciplines that it is likely in this case that the number of African-Americans approaches zero and the number of women perhaps as well.

Now that kind of problem faces every discipline, but sometimes the starting pool is larger than it is in this case. In any event, there really is a pool problem, more so I think in respect to African-Americans than in respect to women in many fields. What academic disciplines are doing now -- because virtually all research universities are seeking to diversify vigorously -- is that they keep rosters. The American Physical Society, and just about any other professional organization you can name, is quite organized and it keeps a track record of who is coming along in Ph.D. programs around the country with respect to women and minorities, and that information is shared. So these disciplines can estimate very accurately what their potential pool is.

As part of these Affirmative Action Plans, we are asking units that face these kinds of pool problems -- and we even ask them to do this where the pool problem may not be so severe -- to identify what they can do to help solve the pool problem. That is, we don't say, "O.K., you face a very limited pool, you don't have to do anything." That is simply not acceptable. What a unit or particular discipline might do depends on the nature of the problem. In mathematical and physical sciences, we don't have enough students in undergraduate programs in those areas to move them into graduate school and then move them into University positions. So what they might do, and in fact a great deal of this work is going on, is try to improve the quality of science and math education in the primary and secondary schools. They try to do things to increase interest in these fields so that we begin to develop a pool of undergraduates who can then become graduate students and then ultimately faculty.

In other kinds of disciplines where there is an undergraduate pool, then the strategy will be to try and recruit graduate students. And to make this a bit personal, that in fact is what my own department has done. I am from a field in Human Ecology where you would not expect us to have a pool problem. We certainly don't with respect to women, but we do with respect to African-Americans. A few years ago there were virtually no African-American Ph.D.'s in our field, so we started recruiting African-American graduate students. We have now graduated three Black Ph.D.'s, the fourth will graduate sometime this year. Three of these have been my students, and we will continue to do that.

**REPORT ON DIVERSITY AND CAMPUS CLIMATE (contd)**

Dr. Rudd: (contd)

I think before I move on to another point, it is important to note that this strategy can only be successful to the extent that we can develop interest in various fields in different kinds of people. If women and various minority groups are simply not interested in a field, then it may be very difficult to do anything about the pool problem.

The second area, in terms of developing these plans, is that we have to be realistic about how we measure success. Obviously one measure of success we will be looking at is the extent to which individual units meet the goals that they have stated for themselves. But there are a number of good reasons why they may not meet their goals. One is because they inaccurately estimated the availability of various groups. Another -- and I think this is particularly a problem for Ohio State right now -- is that they will not be able to compete financially. Supply and demand works with respect to the recruitment of underrepresented groups. Where the group is small relative to the demand, the salaries get bid up.

And the third area, which is also a feature of our current fiscal environment, is that units simply may not be able to fill vacancies that they had hoped to. So we need other measures of success. We think that probably the most reasonable is reflected in the data that Linda showed you a minute ago -- and that is to look at how we are doing compared to our peer institutions. If we are doing at least as well or better than them, given that they face the same constraints that we do -- although I think our financial situation may be worse -- and are competing for the same persons, then we are probably doing pretty well. If we are doing worse than them, then we need to take a hard look at why.

And one last observation is that accountability with respect to these plans is going to be very important. We have to make sure that whatever the difficulties academic units and academic support units face in meeting their plans, that they are making every reasonable effort to do that. So every year they will have to submit progress reports to Academic Affairs and to Human Resources for review. These will also be monitored by the Diversity Committee. Where there appears to be problems, then we will have to work proactively with these units to remedy these problems. I might note, however, that these kinds of efforts are not new. In fact, at this point in time I am already monitoring the searches in one academic unit where there have been problems and have provided, on request, assistance in searches in other units.

Before we turn to the issue of climate, do you have any questions about diversity and our efforts to improve diversity?

Mr. Shumate:

I just have one question. You use the example of your department and I think you said four new Ph.D.'s who were African-Americans. What happened to those four?

**REPORT ON DIVERSITY AND CAMPUS CLIMATE (contd)**

Dr. Rudd:

They all have jobs. One went to the University of New Hampshire, one went to the University of Georgia, and one went to the University of Kentucky. And the one who is in the process, already has a job that she has to go back to. She is on leave from North Carolina State University.

Mr. Shumate:

So in effect, we have done a great job of increasing the pool. As part of our analysis then, of those that we have graduated and assisted, why aren't they coming to Ohio State University?

Dr. Rudd:

Well there are a couple of reasons why these particular students did not come back to Ohio State. The most obvious one is that we did not have any position vacancies. You can't hire if you don't have a position. But there are benefits and perhaps costs of hiring your own graduates. From the point of view of the individual graduate, the cost of remaining in place instead of going someplace new is that it can be difficult to cut the apron strings, to put it in simple terms. A person may still see him or herself as subordinate in some sense to the faculty members who have advised him or her and find it very difficult to stand up on his or her own professional feet.

The other disadvantage which I think perhaps pertains both to the graduate and the department is what we sometimes call the new blood problem. The student who stays in place does not get the benefit of new ideas and perspectives that would be gained from going someplace, and the department does not get that benefit either from bringing in somebody new. However, it is rather obvious that for some academic units the only way to increase their diversity will be to hire their own graduates. That is something that every department and every graduate has to sort through for itself.

President Gee:

Alex, to respond to that, because I think that is the important question, we have taken seriously increasing the pool. The question is if we are increasing the pool for other people, then what about for ourselves. Why don't we take advantage of some of our own graduates. The answer is that we are really aggressively pursuing the opportunity to take advantage of our own graduate students. There used to be this notion of the academic Berlin Wall as Nancy has described -- that one would never look at their own graduates, send them away, or else send them away and then bring them back. I think that we have come full circle on the realization that in many instances if we are going to do the kind of job in terms of these data, that we are going to have to increasingly look at our own.

It does not negate the issue that I think in many instances it is probably advisable for someone to go away for a while and get other types of academic experiences. This world is not perfect, and so therefore we have to weigh the quality of various goods.

**REPORT ON DIVERSITY AND CAMPUS CLIMATE (contd)**

President Gee: (contd)

In my own view, the opportunity for us to have some of our very bright people stay with us is a greater good than having them go elsewhere and then having us try to hire them back in some appropriate or opportune way. And we certainly are looking at that. I think that has been an increasing issue among our programs and certainly in the sciences. I know that we have several department chairs who are very dedicated to bringing in bright graduate students in protected classes and then trying to protect them in terms of an opportunity for them to stay with us. So we are doing some things in that regard.

Ms. Tom:

What I would like to talk a little bit about is climate. In the three equity reports that were issued recently climate was an issue that was quoted as being a pervasive problem across the campus. The problem that we have with climate is that it is a very difficult issue to get our arms around and climate means different things to different people. For the purposes of our discussion, what we would like to do is use a definition on the next page which is offered by the American Council on Education. That is defined as "Climate being the sum total of the daily environment, including the culture, habits, decisions, policies, and practices that make up campus life."

It is our strong belief that we need to create and maintain a positive climate which is conducive to the highest levels of productivity. This does not mean that we can make every individual happy, or that we can give every individual what he or she wants. What this does mean is that we should treat all people with dignity, sensitivity, and respect, and have fair and equitable policies and practices in place which we can consistently apply. It also means that we provide some effective mechanisms for resolving differences when they occur.

In both the offices of Academic Affairs and Human Resources we are currently focusing our efforts to improve climate for all faculty and staff in the following key areas. Those areas are outlined on the next page. We believe that if we can make progress in these areas, that we will improve the climate for all faculty and staff on this campus.

The first one is to improve policies and procedures. What the Office of Academic Affairs has focused on over the last couple of months is developing guidelines for the colleges for determining faculty workload and also performance evaluation. The issue of criteria for salary increases was cited in the faculty equity report as a major source of distrust among faculty. So there are guidelines now that have been issued and the colleges will be required to indicate clear criteria for merit increases.

A new policy that we created this last quarter is a policy on sexual harassment. The policy will be distributed this quarter and we have also had four different training programs for vice presidents, chairs, and deans, and communicated to them what their responsibilities are for making sure that this policy is consistently applied. The Office of Academic Affairs is also developing an appeals procedure for faculty regarding disputes around salary. This is being worked out with the members of the Faculty Equity Committee and members of the Office of Academic Affairs. With regards to staff grievance procedures, we will have improved grievance procedures by the end of this year.

**REPORT ON DIVERSITY AND CAMPUS CLIMATE (contd)**

Ms. Tom: (contd)

The second area is strengthening Affirmative Action and that was discussed by Nancy. We are working on this and we expect revised Affirmative Action Plans for colleges and all administrative units to be completed within the next 3 to 6 months.

Establish Accountability -- this was also an issue that was cited in the three equity reports. What we will be doing relative to the affirmative action area is to ensure that once the plans are developed that they will be reviewed by appropriate offices. The President's Committee on Diversity will also have oversight on the reports and the progress that is made there. We also will be working on developing effective performance management systems for the University in terms of faculty and staff. Affirmative action and the effective management of diversity, and management in general, will be evaluated and tied to reward systems.

The fourth area is improving the quality of work life for all on the campus. We are working now to develop and implement training for management in terms of how we communicate with our staff, how we motivate, and how we deal with problems relative to performance. We also have a Diversity Training Task Force that is working to identify needs for sensitivity and awareness among all of the elements of our community, the students, our faculty and staff. We will have a plan for what diversity training ought to be, who will be responsible, and the time table. As I mentioned earlier, we did deliver training for chairs, deans, and vice presidents on sexual harassment.

The fifth area is improving the data and the information. Data is very important for us so that we can really get an accurate understanding of the problems which will help us to develop effective solutions. This again is an area that was cited in all of the three equity reports as being deficient at the University. We are making initiatives to upgrade our data systems and to improve our analytical capabilities relative to making that information useful for decision-making. This year the offices of Academic Affairs and Human Resources will also develop a pilot climate survey to systematically assist with faculty and staff concerns and to ascertain some levels of work satisfaction. Such information will be very useful as measures of how well we are doing. We can capture base line data at different times which can then serve as benchmarks for measuring the impact of our efforts on improving climate.

This list does not include all of the work that we are doing, but it is intended to be illustrative. This really concludes our comments and we would be happy to answer any questions.

Mr. Kessler:

Thank you, Linda.

Ms. Cusack:

I have a question. I don't know how to put this, but it seems that consistently when I meet with groups of students that the issue of professors being sensitive to their needs -- even just on Wednesday a couple of students were saying that they felt that some professors are still sexist and not sensitive to the diverse needs of students. I don't really see an avenue to address this. Students have the reviews

**REPORT ON DIVERSITY AND CAMPUS CLIMATE (contd)**

Ms. Cusack: (contd)

that they give their professors, but they really don't feel that's an area that gets enough credence. They don't feel that they are really listened to. I just don't really see an avenue for the professor to become aware or to be helped in the process of becoming more sensitive. Because if the students are seeing this in the class, the faculty that reviews them may not be seeing that same thing. So how can we link that together better so that the professors can be made aware and then maybe taught a little bit better how to handle those situations?

Ms. Tom:

I think what we would do in terms of training is to have it so that faculty and staff become more aware and sensitive in terms of their behavior. The other part of that is that we do have to have some accountability so that faculty and staff will be evaluated in terms of their treatment of others. Also, we have procedures in place where if individual students or staff have concerns, they can come to an appropriate office and have someone help resolve those issues specifically.

Ms. Cusack:

I guess what I would like to see is maybe a greater awareness in the student population that that is an avenue that they can take. I don't see that as something they are aware of. I think as a student you hear those things being said, you maybe feel the discrimination, but you don't really know where to go and how to go about making a change.

Ms. Tom:

Well, we want to make clear our policies and our procedures to all faculty, staff, and students. If they do have a problem, then they have a place to come. That needs to be communicated really more effectively.

Mr. Kessler:

Any more questions for Linda or Nancy? Thank you both, very much.

(See Appendix LXII for background information, page 777.)

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**HONORARY DEGREE**

Resolution No. 93-135

Synopsis: Approval of awarding an honorary degree to Leonard Downie, Jr., is proposed.

WHEREAS pursuant to paragraph (C) of rule 3335-3-03 of the Administrative Code, the President, after consultation with the Steering Committee of the University Senate, recommends to the Board of Trustees awarding of an honorary degree as listed below:

Leonard Downie, Jr.

Doctor of Humane Letters

**HONORARY DEGREE (contd)**

NOW THEREFORE

BE IT RESOLVED, That the above honorary degree be awarded in accordance with the recommendation at a time convenient to the University and the recipient.

Upon motion of Mr. Kessler, seconded by Mr. Celeste, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**DEGREES AND CERTIFICATES - SPRING QUARTER COMMENCEMENT**

Resolution No. 93-136

Synopsis: The approval of Degrees and Certificates for Spring Quarter is proposed.

WHEREAS pursuant to paragraph (E) of rule 3335-1-06 of the Administrative Code, the Board has authority for the issuance of degrees and certificates; and

WHEREAS the faculties of the colleges and schools shall transmit, in accordance with rule 3335-9-29 of the Administrative Code, for approval by the Board of Trustees the names of persons who have completed degree and certificate requirements:

NOW THEREFORE

BE IT RESOLVED, That the degrees and certificates be conferred on June 11, 1993, to those persons who have completed the requirements for their respective degrees and certificates and are recommended by the colleges and schools, and that the names of those persons awarded degrees and certificates be included in the minutes of this meeting.

Upon motion of Mr. Kessler, seconded by Mr. Celeste, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**PERSONNEL ACTIONS**

Resolution No. 93-137

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the April 2, 1993 meeting of the Board, including the following Appointments, Appointment of Chairpersons, Reappointment of Chairpersons and Director, Reappointment of Principal Administrative Official, Leave of Absence Without Salary--Cancellation, Professional Improvement Leaves, Promotions and Tenure, Promotion with Tenure--Correction of Dates, Emeritus Title, and Medical Staff Appointment (The Arthur G. James Cancer Hospital and Research Institute) as detailed in the University Budget be approved.

Appointments

Name:	RICHARD SISSON
Title:	Senior Vice President and Provost
Office:	Academic Affairs
Effective:	August 1, 1993
Salary:	\$161,000.00
Present Position:	Senior Vice Chancellor for Academic Affairs and Professor, Department of Political Science, University of California, Los Angeles, CA

**PERSONNEL ACTIONS (contd)**

Appointments (contd)

Name: EDWARD J. RAY  
Title: Senior Vice Provost  
Office: Academic Affairs  
Effective: May 1, 1993  
Salary: N/A  
Present Position: Associate Provost, Office of Academic Affairs and Professor, Department of Economics

Name: GREGORY H. WILLIAMS  
Titles: Dean and Professor  
College: Law  
Effective: July 1, 1993  
Salary: \$160,008.00  
Present Position: Associate Vice President, Office of Academic Affairs, The University of Iowa, Iowa City, Iowa

Name: DAVID O. FRANTZ  
Title: Acting Dean  
College: Humanities  
Effective: July 1, 1993  
Salary: \$93,300.00  
Present Position: Associate Dean, College of Humanities and Professor, Department of English

Name: MARCIA P. MICELI  
Title: Associate Dean  
College: Business  
Effective: March 29, 1993  
Salary: \$93,169.67  
Present Position: Chair and Professor, Department of Management and Human Resources

Name: RENE M. STULZ  
Title: Professor (The Ralph W. Kurtz Chair in Finance)  
College: Business  
Effective: Immediately  
Salary: N/A  
Present Position: Professor, Department of Finance

Appointment of Chairpersons

January 16, 1993 through September 30, 1993

History

Michael J. Hogan\*

April 1, 1993 through June 30, 1996

Mechanical Engineering Kenneth J. Waldron

**PERSONNEL ACTIONS (contd)**

Reappointment of Chairpersons and Director

July 1, 1993 through June 30, 1995

Veterinary Physiology and Pharmacology	Young C. Lin
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\*Acting

July 1, 1993 through June 30, 1997

Aeronautical and Astronautical Engineering	Gerald M. Gregorek
School of Architecture	Jerrold R. Voss
Engineering Mechanics	Carl H. Popelar
Welding Engineering	William A. Baeslack

Reappointment of Principal Administrative Official

CHARLES F. BENDER, Director of the Ohio Supercomputer Center and Office of Academic Computing, effective April 1, 1993, through June 30, 1998, pursuant to rule 3335-3-17 of the Administrative Code.

Leave of Absence Without Salary--Cancellation

WALTER D. NEUMANN, Professor, Department of Mathematics, effective Spring Quarter 1993.

Professional Improvement Leaves

LASZLO ADLER, The Taine McDougal Professor of Welding Engineering and Engineering Mechanics, Department of Welding Engineering, effective Autumn Quarter 1993, Winter Quarter and Spring Quarter 1994.

LAWRENCE A. KENNEDY, The Ralph W. Kurtz Professor of Mechanical Engineering, Department of Mechanical Engineering, effective Autumn Quarter 1993, Winter Quarter and Spring Quarter 1994.

LAWRENCE J. BERLINER, Professor, Department of Chemistry, effective Winter Quarter and Spring Quarter 1994.

ODETTE BLUM, Professor, Department of Dance, Autumn Quarter 1993, Winter Quarter and Spring Quarter 1994.

MICHAEL BRAUNSTEIN, Professor, College of Law, Autumn Semester 1993 and Spring Semester 1994.

ROBERT E. BURNKRANT, Professor, Department of Marketing, effective Spring Quarter 1993.

GREGORY A. CALDEIRA, Professor, Department of Political Science, effective Winter Quarter, Spring Quarter, and Autumn Quarter 1994.

BUNNY C. CLARK, Professor, Department of Physics, effective Autumn Quarter 1993, Winter Quarter and Spring Quarter 1994.

**PERSONNEL ACTIONS (contd)**

Professional Improvement Leaves (contd)

RONALD G. CORWIN, Department of Sociology, effective Spring Quarter, Summer Quarter, and Autumn Quarter 1994.

BRENDA L. DERVIN, Professor, Department of Communication, effective Winter Quarter and Spring Quarter 1994.

ROBERT J. GARBACZ, Professor, Department of Electrical Engineering, effective Autumn Quarter 1993.

DAVID M. GOSS, Professor, Department of Mathematics, effective Autumn Quarter 1993, Winter Quarter and Spring Quarter 1994.

PRABHAT K. GUPTA, Professor, Department of Materials Science and Engineering, effective Autumn Quarter 1993, Winter Quarter and Spring Quarter 1994.

RICHARD F. HAMILTON, Professor, Department of Sociology, effective Autumn Quarter 1993, Winter Quarter and Spring Quarter 1994.

JOHN C. HUNTINGTON, Professor, Department of History of Art, effective Autumn Quarter 1993, Winter Quarter and Spring Quarter 1994.

TATSURO ICHIIISHI, Professor, Department of Economics, effective Autumn Quarter 1993, Winter Quarter and Spring Quarter 1994.

SALVATORE IMBROGNO, Professor, College of Social Work, effective Winter Quarter and Spring Quarter 1994.

RICHARD J. JAGACINSKI, Professor, Department of Psychology, effective Autumn Quarter 1993, Winter Quarter and Spring Quarter 1994.

J. CRAIG JENKINS, Professor, Department of Sociology, effective Autumn Quarter 1993, Winter Quarter and Spring Quarter 1994.

ANDREA A. LUNSFORD, Professor, Department of English, effective Winter Quarter and Spring Quarter 1994.

WILLIAM J. MITSCH, Professor, School of Natural Resources, effective September 20, 1993 through September 19, 1994.

E. OKECHUKWU ODITA, Professor, Department of History of Art, effective Autumn Quarter 1993 and Winter Quarter 1994.

THOMAS M. OSTROM, Professor, Department of Psychology, effective Autumn Quarter 1993, Winter Quarter and Spring Quarter 1994.

SAMUEL C. PATTERSON, Professor, Department of Political Science, effective Autumn Quarter 1993, Winter Quarter and Spring Quarter 1994.

**PERSONNEL ACTIONS (contd)**

Professional Improvement Leaves (contd)

STEPHEN S. PINSKY, Professor, Department of Physics, effective Autumn Quarter 1993, Winter Quarter and Spring Quarter 1994.

KATHLEEN A. SEXTON-STONE, Professor, Department of Life Span Processes, effective Autumn Quarter 1993, Winter Quarter and Spring Quarter 1994.

RICHARD H. STECKEL, Professor, Department of Economics, effective Autumn Quarter 1993, Winter Quarter and Spring Quarter 1994.

GARY STEIGMAN, Professor, Department of Physics, effective Autumn Quarter 1993, Winter Quarter and Spring Quarter 1994.

E. SCOTT BAIR, Associate Professor, Department of Geological Sciences, effective Autumn Quarter 1993, Winter Quarter and Spring Quarter 1994.

MARVIN T. BATTE, Associate Professor, Department of Agricultural Economics and Rural Sociology, effective Autumn Quarter 1993, Winter Quarter and Spring Quarter 1994.

WOLFGANG D. BAUER, Associate Professor, Department of Agronomy, effective July 1, 1993 through June 30, 1994.

STRATOS E. CONSTANTINIDIS, Associate Professor, Department of Theatre, effective Spring Quarter 1994.

DANIEL L. COX, Associate Professor, Department of Physics, effective Winter Quarter and Spring Quarter 1994.

BARBARA A. CROMER, Associate Professor, Department of Pediatrics, effective September 1, 1993, through July 1, 1994.

ANDRZEJ J. DERDZINSKI, Associate Professor, Department of Mathematics, effective Autumn Quarter 1993 and Winter Quarter 1994.

HELEN FEHERVARY, Associate Professor, Department of Germanic Languages and Literatures, effective Autumn Quarter 1993, Winter Quarter and Spring Quarter 1994.

BERND FISCHER, Associate Professor, Department of Germanic Languages and Literatures, effective Autumn Quarter 1993, Winter Quarter and Spring Quarter 1994.

JEFFREY D. FORD, Associate Professor, Department of Management and Human Resources, effective Autumn Quarter 1993.

HEIKE S. GOELLER, Associate Professor, Department of Industrial Design, effective Autumn Quarter 1993, Winter Quarter and Spring Quarter 1994.

MATHEW HERBAN III, Associate Professor, Department of History of Art, effective Autumn Quarter 1993 and Winter Quarter 1994.

May 7, 1993 meeting, Board of Trustees

## **PERSONNEL ACTIONS (contd)**

### Professional Improvement Leaves (contd)

SCOTT H. IRWIN, Associate Professor, Department of Agricultural Economics and Rural Sociology, effective Autumn Quarter 1993, Winter Quarter and Spring Quarter 1994.

DEBRA A. MODDELMOG, Associate Professor, Department of English, effective Autumn Quarter 1993, and Winter Quarter 1994.

RICHARD H. MOORE, Associate Professor, Department of Anthropology, effective Autumn Quarter 1993, Winter Quarter and Spring Quarter 1994.

RANDOLPH L. MOSES, Associate Professor, Department of Electrical Engineering, effective Autumn Quarter 1993, Winter Quarter and Spring Quarter 1994.

FRED D. SACK, Associate Professor, Department of Plant Biology, effective Winter Quarter 1994.

ANTHONY R. WALKER, Associate Professor, Department of Anthropology, effective Winter Quarter and Spring Quarter 1994.

BRUCE W. WEIDE, Associate Professor, Department of Computer and Information Science, effective Autumn Quarter 1993, Winter Quarter and Spring Quarter 1994.

PHEORIS WEST, Associate Professor, Department of Art, effective Winter Quarter and Spring Quarter 1994.

SHANG-TIAN YANG, Associate Professor, Department of Chemical Engineering, effective Autumn Quarter 1993, Winter Quarter and Spring Quarter 1994.

### Promotions and Tenure

## **COLLEGE OF AGRICULTURE**

### PROMOTION TO FULL PROFESSOR

Donald J. Eckert, Agronomy - effective 7/1/93

H. Erdal Ozkan, Agricultural Engineering - effective 7/1/93

### PROMOTION TO ASSOCIATE PROFESSOR with TENURE

Jamie M. Cano, Agricultural Education - effective 10/1/93

Jeffrey L. Firkins, Dairy Science - effective 7/1/93

L. Mark Lagrimini, Horticulture - effective 7/1/93

Mark M. Loux, Agronomy - effective 7/1/93

Mario J. Miranda, Agricultural Economics - effective 10/1/93

Joseph C. Scheerens, Horticulture - effective 7/1/93

Gary D. Schnitkey, Agricultural Economics - effective 10/1/93

Allen P. Zimmerman, ATI - effective 7/1/93

**PERSONNEL ACTIONS (contd)**

Promotions and Tenure (contd)

OHIO STATE UNIVERSITY EXTENSION

PROMOTION TO ASSOCIATE PROFESSOR

Donald J. Breece - effective 7/1/93  
Paul D. Golden - effective 7/1/93  
Jo M. Jones - effective 7/1/93  
Barbara G. Ludwig - effective 7/1/93  
Gregory R. Passewitz - effective 7/1/93

PROMOTION TO ASSISTANT PROFESSOR and TENURE

Mark L. Bennett - effective 7/1/93 & 8/3/93  
James A. Chatfield - effective 7/1/93 & 7/13/93  
Rebecca A. Culbertson - effective 7/1/93 & 6/8/93

TENURE ONLY

Gregory A. LaBarge - effective 6/15/93  
Judith E. Welker - effective 7/1/93

COLLEGE OF THE ARTS

PROMOTION TO FULL PROFESSOR

Terry M. Barrett, Art Education - effective 10/1/93  
Judith L. Koroscik, Art Education - effective 7/1/93  
E. Louis Lankford, Art Education - effective 10/1/93  
Vera Maletic, Dance - effective 10/1/93  
Christopher R. Weait, Music - effective 10/1/93

PROMOTION TO ASSOCIATE PROFESSOR with TENURE

Julia F. Andrews, History of Art - effective 10/1/93  
Daniel O. Boord, Theatre - effective 10/1/93  
Henry L. Marr, Music - effective 10/1/93  
John R. Rice, Music - effective 10/1/93  
Patricia L. Stuhr, Art Education - effective 10/1/93

COLLEGE OF BIOLOGICAL SCIENCES

PROMOTION TO FULL PROFESSOR

Ralph E. J. Boerner, Plant Biology - effective 7/1/93  
Susan W. Fisher, Entomology - effective 10/1/93

PROMOTION TO ASSOCIATE PROFESSOR with TENURE

Casey W. Hoy, Entomology - effective 10/1/93

**PERSONNEL ACTIONS (contd)**

Promotions and Tenure (contd)

COLLEGE OF BUSINESS

PROMOTION TO FULL PROFESSOR

Peter R. Dickson, Marketing - effective 10/1/93  
Anthony B. Sanders, Finance - effective 10/1/93  
Ralph A. Walkling, Finance - effective 10/1/93

PROMOTION TO ASSOCIATE PROFESSOR with TENURE

Pai-Cheng Chu, Accounting and Management Information Systems - effective 10/1/93  
Frank P. Darr, Finance - effective 10/1/93  
Howard J. Klein, Management and Human Resources - effective 10/1/93  
G. Keong Leong, Management Sciences - effective 10/1/93  
Richard A. Young, Accounting and Management Information Systems - effective 10/1/93

COLLEGE OF DENTISTRY

PROMOTION TO ASSOCIATE PROFESSOR with TENURE

Ann L. Griffen, Pediatric Dentistry - effective 7/1/93  
Ronald E. Kerby, Restorative & Prosthetic Dentistry - effective 7/1/92  
Peter E. Larsen, Oral and Maxillofacial Surgery - effective 7/1/93  
Michael S. Strayer, Community Dentistry - effective 7/1/93

COLLEGE OF DENTISTRY

REGULAR CLINICAL FACULTY

PROMOTION TO PROFESSOR and REAPPOINTMENT

Daniel E.H.S. Jolly - effective 7/1/93 & 7/1/94

PROMOTION TO ASSISTANT PROFESSOR and REAPPOINTMENT

Beverly A. McClure 10/1/93 & 10/1/94  
Clara E. Shearer 10/1/93 & 10/1/94

REAPPOINTMENT

Charles D. Body - effective 7/1/94  
Dale L. Cipra - effective 7/1/94  
Joseph R. O'Neil - effective 7/1/94  
Henry L. Page, Jr. - effective 7/1/94  
Meredith M. Sharpe - effective 7/1/94  
Robert C. Vessels - effective 7/1/94

**PERSONNEL ACTIONS (contd)**

Promotions and Tenure (contd)

COLLEGE OF EDUCATION

PROMOTION TO FULL PROFESSOR

E. B. Bernhardt-Kamil, Educational Studies - effective 10/1/93

William M. Sherman, School of Health, Physical Education and Recreation - effective 10/1/93

PROMOTION TO ASSOCIATE PROFESSOR with TENURE

Stephen E. Alway, School of Health, Physical Education and Recreation - effective 10/1/93

Mary S. Leach, Educational Policy and Leadership - 10/1/93

Merry M. Merryfield, Educational Studies - effective 10/1/93

Sandra A. Stroot, School of Health, Physical Education and Recreation - effective 10/1/93

TENURE ONLY

Karin L. Dahl, Educational Theory and Practice - effective 10/1/93

COLLEGE OF ENGINEERING

PROMOTION TO FULL PROFESSOR

Vernal H. Kenner, Engineering Mechanics - effective 10/1/93

Philip J. Smith, Industrial and Systems Engineering - 10/1/93

Chon-Liang Tsai, Welding Engineering - 10/1/93

Rama K. Yedavalli, Aeronautical and Astronautical Engineering - effective 10/1/93

PROMOTION TO ASSOCIATE PROFESSOR with TENURE

Avraham Benatar, Welding Engineering - effective 10/1/93

Jeffrey J. Chalmers, Chemical Engineering - effective 10/1/93

Bradley D. Clymer, Electrical Engineering - effective 10/1/93

Chua-Huang Huang, Computer and Information Science - effective 10/1/93

Jeffrey M. Kipnis, Architecture - effective 10/1/93

V. V. Subramaniam, Mechanical Engineering - effective 10/1/93

George J. Valco, Electrical Engineering - effective 10/1/93

COLLEGE OF HUMAN ECOLOGY

PROMOTION TO FULL PROFESSOR

Denis M. Medeiros, Human Nutrition and Food Management - effective 7/1/93

PROMOTION TO ASSOCIATE PROFESSOR with TENURE

Gwendolyn S. O'Neal, Textiles and Clothing - effective 10/1/93

**PERSONNEL ACTIONS (contd)**

Promotions and Tenure (contd)

COLLEGE OF HUMANITIES

PROMOTION TO FULL PROFESSOR

Mary E. Beckman, Linguistics - effective 10/1/93  
John M. Hellmann, Jr., English, Lima - effective 10/1/93  
Robert Kraut, Philosophy - effective 10/1/93  
Duane W. Roller, Classics, Lima - effective 10/1/93

PROMOTION TO ASSOCIATE PROFESSOR

Terry L. Long, English, Newark - effective 10/1/93

PROMOTION TO ASSOCIATE PROFESSOR with TENURE

Marjorie K. M. Chan, East Asian Languages and Literatures - effective 10/1/93  
Victoria R. Holbrook, Near Eastern, Judaic and Hellenic Languages and Literatures - effective 10/1/93  
Neil G. Jacobs, Near Eastern, Judaic and Hellenic Languages and Literatures - effective 10/1/93  
Audrey A. Jaffe, English - effective 10/1/93  
Sebastian D. Knowles, English - effective 10/1/93  
D. C. Marx-Scouras, French and Italian - effective 10/1/93  
Jeredith J. Merrin, English - effective 10/1/93  
Carla G. Pestana, History - effective 10/1/93  
Donald C. Winford, Linguistics - effective 10/1/93

TENURE ONLY

William J. Tyler, East Asian Languages and Literatures - effective 10/1/93

COLLEGE OF LAW

PROMOTION TO FULL PROFESSOR

Daniel C. Chow - effective 8/16/93

PROMOTION TO ASSOCIATE PROFESSOR with TENURE

L. Camille Hebert - effective 8/16/93  
Vincene Verdun - effective 8/16/93

UNIVERSITY LIBRARIES

PROMOTION TO FULL PROFESSOR

Ichiko Morita - effective 7/1/93  
Virginia M. Tiefel - effective 7/1/93

May 7, 1993 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

Promotions and Tenure (contd)

UNIVERSITY LIBRARIES (contd)

PROMOTION TO ASSOCIATE PROFESSOR with TENURE

Predrag Matejic - effective 7/1/93

PROMOTION TO ASSISTANT PROFESSOR and TENURE

Magda A. El-Sherbini - effective 7/1/93 & 8/1/93

Gerald S. Greenberg - effective 7/1/93 & 4/6/93

COLLEGE OF MATHEMATICAL AND PHYSICAL SCIENCES

PROMOTION TO FULL PROFESSOR

Vitaly Bergelson, Mathematics - effective 10/1/93

Zbigniew Fiedorowicz, Mathematics - effective 10/1/93

Sia K. Wong, Mathematics - effective 10/1/93

PROMOTION TO ASSOCIATE PROFESSOR with TENURE

Matthew R. Callstrom, Chemistry - effective 10/1/93

James A. Cowan, Chemistry - effective 10/1/93

Ross E. Dalbey, Chemistry - effective 10/1/93

Crichton L. Ogle, Mathematics - effective 10/1/93

Robert J. Scherrer, Physics - effective 10/1/93

TENURE ONLY

Lee J. McEwan, Mathematics, Mansfield - effective 10/1/93

Burkhard A. Schaffrin, Geodetic Science and Surveying - effective 10/1/93

COLLEGE OF MEDICINE

PROMOTION TO FULL PROFESSOR

Georgia A. Bishop, Cell Biology, Neurobiology and Anatomy - effective 7/1/93

Reinhard A. Gabhauer, Radiology - effective 7/1/93

Hugo J. McClung, Pediatrics - effective 7/1/93

Robert V. O'Toole, Pathology - effective 7/1/93

PROMOTION TO ASSOCIATE PROFESSOR with TENURE

Robert A. Badalament, Surgery - effective 7/1/93

Lauren O. Bakaletz, Otolaryngology - effective 10/1/93

Robert B. Chambers, Ophthalmology - effective 7/1/93

**PERSONNEL ACTIONS (contd)**

Promotions and Tenure (contd)

COLLEGE OF MEDICINE (contd)

PROMOTION TO ASSOCIATE PROFESSOR with TENURE (contd)

Leo A. Heitlinger, Pediatrics - effective 7/1/93  
Keith L. Kaufman, Pediatrics - effective 7/1/93  
Pravin T. P. Kaumaya, Obstetrics and Gynecology - effective 7/1/93  
Mark B. Landon, Obstetrics and Gynecology - effective 7/1/93  
Stephen J. Qualman, Pathology - effective 7/1/93  
P. L. Robitaille, Radiology - effective 10/1/93  
Andrew P. Slivka, Neurology - effective 7/1/93  
Pierre L. Triozzi, Internal Medicine - effective 7/1/93

COLLEGE OF MEDICINE

CLINICAL FACULTY

PROMOTION TO CLINICAL PROFESSOR

James E. Barnes, Surgery - effective 7/1/93  
Frederick R. Bode, Internal Medicine - effective 7/1/93  
Edward J. Kosnik, Surgery - effective 7/1/93

PROMOTION TO CLINICAL ASSOCIATE PROFESSOR

Judith G. deLevie, Pediatrics - effective 7/1/93  
Olivia M. Thomas, Pediatrics - effective 7/1/93

PROMOTION TO CLINICAL ASSISTANT PROFESSOR

Stephen Bauer, Pediatrics - effective 7/1/93  
Jack A. Kopechek, Pediatrics - effective 7/1/93  
Mary K. Kuzma, Pediatrics - effective 7/1/93  
Ray S. Wheasler, Pediatrics - effective 7/1/93

COLLEGE OF MEDICINE

REGULAR CLINICAL FACULTY

PROMOTION TO PROFESSOR and REAPPOINTMENT

Carl P. Boesel, Pathology - effective 7/1/93 & 7/1/94

PROMOTION TO ASSOCIATE PROFESSOR and REAPPOINTMENT

Rosalind J. Batley, Physical Medicine - effective 7/1/93 & 7/1/94  
Brian L. Bowyer, Physical Medicine - effective 7/1/93 & 7/1/94  
Donald F. Middendorf, Internal Medicine - effective 7/1/93 & 7/1/94  
Kathy E. Shy, Psychiatry - effective 7/1/93 & 7/1/94  
Karl S. Theil, Pathology - effective 7/1/93 & 7/1/94

**PERSONNEL ACTIONS (contd)**

Promotions and Tenure (contd)

COLLEGE OF MEDICINE (contd)

REGULAR CLINICAL FACULTY (contd)

REAPPOINTMENT ONLY

James A. Arnett, Physical Medicine - effective 7/1/94  
James P. Bacon, Internal Medicine - effective 7/1/95  
Michael L. Blumenfeld, Obstetrics and Gynecology - effective 7/1/94  
Bhagwandas Gupta, Anesthesiology - effective 7/1/94  
Rao P. Lingam, Anesthesiology - effective 7/1/94  
Charles J. Love, Internal Medicine - effective 7/1/95  
Subir Nag, Radiology - effective 7/1/94  
Richard N. Nelson, Emergency Medicine - effective 7/1/94  
Rodney V. Pozderac, Radiology - effective 7/1/94  
Robert J. Ragosin, Radiology - effective 7/1/94  
Ronald J. Siegle, Otolaryngology - effective 7/1/94  
Nina K. Smith, Obstetrics and Gynecology - effective 7/1/94  
Herman A. Tolbert, Psychiatry - effective 7/1/94  
Chang-Yong Tsao, Pediatrics - effective 7/1/95  
Jeffrey E. Weiland, Internal Medicine - effective 7/1/94

COLLEGE OF NURSING

PROMOTION TO ASSOCIATE PROFESSOR

Mary A. Ruffing-Rahal, Family and Community - effective 10/1/93

PROMOTION TO ASSOCIATE PROFESSOR with TENURE

Linda A. Bernhard, Life Span Process - effective 10/1/93  
Nancy K. Lowe, Life Span Process - effective 10/1/93

COLLEGE OF OPTOMETRY

PROMOTION TO ASSOCIATE PROFESSOR with TENURE

Barbara A. Fink - effective 10/1/93

COLLEGE OF OPTOMETRY

CLINICAL FACULTY

PROMOTION TO CLINICAL ASSISTANT PROFESSOR

Carole R. Burns - effective 7/1/93  
Cheryl S. Ricer - effective 7/1/93  
Mark R. Wright - effective 7/1/93

May 7, 1993 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

Promotions and Tenure (contd)

COLLEGE OF OPTOMETRY

REGULAR CLINICAL FACULTY

PROMOTION TO PROFESSOR and REAPPOINTMENT

Gregory W. Good - effective 7/1/93 & 7/1/94

REAPPOINTMENT ONLY

Arol R. Augsburger - effective 7/1/94

COLLEGE OF PHARMACY

PROMOTION TO ASSOCIATE PROFESSOR with TENURE

Stephen W. Birdwell - effective 7/1/93

COLLEGE OF SOCIAL AND BEHAVIORAL SCIENCES

PROMOTION TO FULL PROFESSOR

Michael G. Aman, Psychology - effective 10/1/93

John C. Gibbs, Psychology - effective 10/1/93

Donald R. Haurin, Economics - effective 7/1/93

Elizabeth G. Menaghan, Sociology - effective 10/1/93

PROMOTION TO ASSOCIATE PROFESSOR with TENURE

Sarah T. Boysen, Psychology - effective 10/1/93

Nancy Ettlinger, Geography - effective 10/1/93

Gerald M. Kosicki, Journalism - effective 10/1/93

Pok-Sang Lam, Economics - effective 10/1/93

Mary A. Roznowski, Psychology - effective 10/1/93

Rohan A. Samarajiva, Communication - effective 10/1/93

Martin F. Sarter, Psychology - effective 10/1/93

COLLEGE OF VETERINARY MEDICINE

PROMOTION TO FULL PROFESSOR

Steen Bech-Nielsen, Veterinary Preventive Medicine - effective 7/1/93

Kent H. Hoblet, Veterinary Preventive Medicine - effective 7/1/93

PROMOTION TO ASSOCIATE PROFESSOR with TENURE

Alicia L. Bertone, Veterinary Clinical Sciences- effective 7/1/93

Kenny V. Brock, Veterinary Preventive Medicine - effective 7/1/93

Charles A. Buffington, Veterinary Clinical Sciences - effective 7/1/93

**PERSONNEL ACTIONS (contd)**

Promotion with Tenure--Correction of Dates

ELLEN S. NEWMAN, Associate Professor, Department of Theatre, change promotion with tenure date from January 1, 1993, to October 1, 1992.

Emeritus Title

HENRY LELAND, Department of Psychology, with the title Professor Emeritus, effective April 1, 1993.

Upon motion of Mr. Kessler, seconded by Mr. Celeste, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**RESOLUTIONS IN MEMORIAM**

Resolution No. 93-138

Synopsis: The Academic Affairs Committee recommended the approval of two Resolutions in Memoriam.

RESOLVED, That the Board adopt the following Resolutions in Memoriam and that the President be requested to convey a copy to the families of the deceased.

Joseph Havlicek, Jr.

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on March 15, 1993, of Joseph Havlicek, Jr., Professor in the Department of Agricultural Economics and Rural Sociology.

A native Ohioan, Dr. Havlicek was born in Rockford, Ohio, on April 18, 1934. His roots in Mercer County agriculture provided strong support for his many contributions to his profession. He received both his Bachelor of Science in Agriculture and Master of Science (Agricultural Economics) degrees from The Ohio State University in 1955 and 1956, respectively. He earned his Doctor of Philosophy degree in both Agricultural Economics and Statistics from North Carolina State University in 1959.

Before assuming administrative responsibilities beginning in 1982, Dr. Havlicek spent 23 years in research and graduate teaching in the areas of agricultural marketing, price analysis, demand and consumption, environmental economics, and technology assessment. Dr. Havlicek served as Chairperson of OSU's Department of Agricultural Economics and Rural Sociology from 1984 to 1990. From 1982 to 1984, he was Chairman of the Department of Agricultural and Resource Economics at the University of Maryland. From 1974 to 1982, Dr. Havlicek was Professor of Agricultural Economics and Professor of Statistics at Virginia Polytechnic Institute and State University. At VPI, he was engaged in teaching agricultural economics and statistics and in research focusing on supply, demand, price analyses of selected products and production inputs, consumption analysis, environmental economics, and returns to investment in agricultural research.

Dr. Havlicek began his academic career at Purdue University where he spent 13 years in research and teaching. His research focused on interregional competition, demand and price analysis of selected agricultural products and purchased inputs, and the economics of waste management.

**RESOLUTIONS IN MEMORIAM (contd)**

Joseph Havlicek, Jr. (contd)

After completing graduate work in 1959, he worked in the Agricultural Economics Branch of the Tennessee Valley Authority where he conducted research in agronomic-economic analyses and resource economics. Most recently, he had been working with Prague University in the Czech Republic to establish programs between that school and OSU.

Dr. Havlicek's professional memberships included Gamma Sigma Delta, Sigma Xi, Atlantic Economic Society, Southern Agricultural Economics Association (SAEA), The Econometric Society, American Statistical Association, American Economic Association, and the American Agricultural Economics Association (AAEA). He was President of the SAEA in 1984 and President of AAEA in 1987. In 1989 he was named the 108th Fellow in the 79-year history of the American Agricultural Economics Association, the highest distinction bestowed upon members in that association.

Dr. Havlicek was well-known and highly respected by colleagues around the world. He achieved much in his lifetime. His energy, good nature and optimism were contagious.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

George P. Patten

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on March 19, 1993, of George Phillip Patten, Professor Emeritus in the Department of Geography.

Dr. Patten was born on June 29, 1924, in Farmersburg, Indiana. He earned a Bachelor of Science degree from Indiana State University in 1948 and first came to Ohio State later that year to undertake graduate work in Geography receiving his M.A. in 1949. He later continued his graduate work at Northwestern University receiving the Ph.D. there in 1955.

Dr. Patten was invited to return to Ohio State in 1957 as an Assistant Professor following prior teaching experiences at the University of Arkansas, Hunter College, and Iowa State Teachers College. He was promoted to Associate Professor in 1963 and to Professor in 1969. He retired in 1986.

Professor Patten carried on research in tropical agriculture in Central America, particularly in Nicaragua. This led to a number of journal articles and encyclopedia entries dealing with aspects of tropical agriculture that reflected his field work in the region. In addition, he wrote about agriculture in the emerging smaller nations of West Africa.

George "Phil" Patten was known as a warm and friendly person. He taught a large number of undergraduate courses during his career as well as graduate courses on Central America and Africa related to his research. His nearly 30 years of service to the University reflected his strong interest in his students and his commitment to the University.

On behalf of the University community, the Board of Trustees expresses to the family and friends of Dr. Patten its deepest sympathy. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's realization of the loss that the family, the University, and many friends and associates have sustained.

**RESOLUTIONS IN MEMORIAM (contd)**

Upon motion of Mr. Kessler, seconded by Mr. Shumate, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**REPORT - UNIVERSITY'S ENDOWMENT FUND**

Resolution No. 93-139

RESOLVED, That the report on the University's Endowment Fund, dated April 16, 1993, as submitted to the Investments Committee of the Board of Trustees, be received and filed with the official records of the Board.

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**REPORT - UNIVERSITY'S ENDOWMENT FUND  
QUARTERLY REPORTS**

Resolution No. 93-140

RESOLVED, That the report on the University's Endowment Fund Quarterly Reports, dated March 31, 1993, as submitted to the Investments Committee of the Board of Trustees, be received and filed with the official records of the Board.

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**REPORT - UNIVERSITY'S CASH AND INVESTMENTS**

Resolution No. 93-

141

RESOLVED, That the report on the University's Cash and Investments, dated March 31, 1993, as submitted to the Investments Committee of the Board of Trustees, be received and filed with the official records of the Board.

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**REPORT - ENDOWMENT INVESTMENT POOL  
FINANCIAL STATEMENTS**

Resolution No. 93-142

RESOLVED, That the report on the University's Endowment Investment Pool Financial Statements, dated March 31, 1993, as submitted to the Investments Committee of the Board of Trustees, be received and filed with the official records of the Board.

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May 7, 1993 meeting, Board of Trustees

Ms. Casto:

Mr. Chairman, I would like to say how much I've enjoyed working with you over the last 8 years and how much we will miss you.

Mr. Barone:

Thank you. I also would like to thank each and every one of the Trustees for making my job so pleasant and I hope satisfactory. I want to personally thank all of you.

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Thereupon the Board adjourned to meet Friday, June 4, 1993, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio.

Attest:

Madison H. Scott  
Secretary

John J. Barone  
Chairman

THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND TWO HUNDRED AND NINETY-THIRD MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, June 4, 1993

The Board of Trustees met at its regular monthly meeting on Friday, June 4, 1993, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

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Minutes of the last meeting were approved.

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June 4, 1993 meeting, Board of Trustees

The Chairman, Ms. Casto, called the meeting of the Board of Trustees to order on June 4, 1993, at 10:15 a.m. She requested the Secretary to call the roll.

Present: Deborah E. Casto, Chairman, John W. Kessler, Milton A. Wolf, Leslie H. Wexner, Alex Shumate, Theodore S. Celeste, Michael F. Colley, George A. Skestos, David L. Brennan, and Hiawatha N. Francisco, Jr.

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Ms. Casto:

I am pleased to have the opportunity to officially welcome Mr. David L. Brennan as our newest member of The Ohio State University's Board of Trustees.

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#### **COMMITTEE APPOINTMENTS 1993-1994**

Resolution No. 93-143

WHEREAS the appointments to Committees and representatives to the Research Foundation Board of Directors, the Inter-University Council, the University Hospitals Board, The Arthur G. James Cancer Hospital and Research Institute Trustee Liaison, the Ohio State University Affiliates, Inc., Board of Directors, the Ad Hoc Committee on Planning, the University Foundation, and the University Managed Health Care System, Inc. Board of Directors for 1993-94 are as follows:

Educational Affairs	John W. Kessler, Chair Michael F. Colley, Vice Chair George A. Skestos
Investments Committee	Alex Shumate, Chair Milton A. Wolf, Vice Chair Theodore S. Celeste
Standing Committee on Agricultural Affairs	Michael F. Colley, Chair Fred L. Dailey, Vice Chair, Ex Officio David L. Brennan
Student Affairs	Hiawatha N. Francisco, Jr., Chair Theodore S. Celeste, Vice Chair New Student Member
Fiscal Affairs	George A. Skestos, Chair Alex Shumate, Vice Chair Michael F. Colley David L. Brennan
Personnel Committee	Deborah E. Casto, Chair John W. Kessler, Vice Chair Milton A. Wolf
Inter-University Council	George A. Skestos
Research Foundation Board of Directors	Theodore S. Celeste

**COMMITTEE APPOINTMENTS 1993-1994 (contd)**

University Hospitals Board	Theodore S. Celeste George A. Skestos
The Arthur G. James Cancer Hospital and Research Institute Trustee Liaison	John W. Kessler Alex Shumate
Ohio State University Affiliates, Inc.	Deborah E. Casto (term 1 year) John W. Kessler (term 2 years) Milton A. Wolf (term 3 years)
University Foundation Ex Officio Class of Directors	Deborah E. Casto (term 1 year) John W. Kessler (term 2 years) Alex Shumate (term 3 years)
University Managed Health Care System, Inc. Board of Directors	Theodore S. Celeste
Committee on Planning*	Michael F. Colley, Chair Alex Shumate, Vice Chair John W. Kessler George A. Skestos

\*Serves as Board of Trustees interface with the University's Planning Committee.

NOW THEREFORE

BE IT RESOLVED, That the above Committee appointments and the representatives for 1993-94 are hereby ratified and confirmed.

Upon motion of Mr. Skestos, seconded by Mr. Colley, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**PRESIDENT'S REPORT**

President Gee:

First of all, congratulations, Ms. Casto, on your first meeting as chair of this Board. You are doing great. I know that your contributions will be of great value as we face a number of opportunities and challenges that we have here. Also, congratulations, Mr. Brennan, and welcome to the Board of Trustees.

We are very pleased to have you here. I would also like to note, that sitting here and already taking on new responsibilities is the incoming Provost of the University, Dr. Richard Sisson. We are very pleased to have you here with us, Dick, and hope you are enjoying yourself.

I wanted to note that I have asked Dr. Martha Garland, chair of the Steering Committee, to now sit with us as a resource person. I think it is important that we have a representative from our faculty sitting with our vice presidents as a resource person for the University. That will make a great deal of difference.

## PRESIDENT'S REPORT (contd)

President Gee: (contd)

Finally, in this regard, I would like to give congratulations to one of the members of our Board of Trustees, who just officially became a newly minted member of the Academy with a Ph.D., Dr. Milton Wolf. Dr. Wolf received his Ph.D. in economics, two weeks ago from Case Western Reserve, a distinguished institution which he is now distinguishing even further by that degree. Nonetheless, it is not an Ohio State degree, but he has one decent degree that we know of which is that Ohio State degree. But Mr. Ambassador, now Dr. Wolf, congratulations. That is a unique achievement and we are all proud of you.

As the academic year draws to a close, we are, indeed, facing budgetary challenges. Over the past few weeks and months, several factors have had significant impact on our planning for next year. Lower than expected enrollment revenues, the slow recovery of the state and national economies, and spending commitments have brought into sharp relief the problem with which we are dealing. Simply put, as I told our university community last week, while it is healthy that our ambition exceeds our revenues, we must assure that our expenditures do not.

Over the past several days, I have met with faculty, staff, and students across the campuses to field their questions and hear their concerns. We continue to encourage open discussion and welcome the variety and creativity of solutions being brought forward from many sources. Based on these open meetings, I am more convinced than ever that the people of this university, while very concerned at the impact of the losses we have experienced, share a deep commitment to protecting the quality of education that Ohio State offers to its students. And so therefore despite the challenges, I remain encouraged by the support of our hard-working faculty, our students, and their families.

One mother wrote to me last week that as far as her two daughters are concerned, "Ohio State University is the greatest learning institution in the world, barring none." While during these difficult times, that kind of dedication inspires our efforts and certainly reflects the pride of this institution.

We do, indeed, have much to celebrate and let me just talk about those. In May, we inducted 44 Columbus sixth-graders into our Young Scholars Program. They join the nearly 2,000 students from nine major Ohio cities who are part of this effort. The first class of Young Scholars, inducted as sixth graders in 1988, will be entering their senior year next fall. We look forward to welcoming all of them to Ohio State.

Yesterday, I introduced to the media a group of outstanding high school graduating seniors who will be entering Ohio State this fall. They are members of a class that again promises to be the best on record at this University. We expect to have 106 National Merit and National Achievement Scholars in the class, keeping us among the top universities in the country. We also will be welcoming a record number of Minority Scholars and University Scholars -- students in the top 3 percent of their high school classes. They will be joining an already distinguished group of students and faculty.

Dan Wiley, a senior from Atwater, Ohio, received the Andrew W. Mellon Fellowship as one of the top 80 students in the nation this year in the humanities. Dr. Milap Nahata, professor of pharmacy practice, has received the 1993 Distinguished Pharmacy Educator Award from the American Association of Colleges of Pharmacy. As distinguished scholar, Professor Nahata is praised by his students for using examples of his research that enhance their studies. He was chosen from among 4,000 pharmacy faculty nationwide.

### **PRESIDENT'S REPORT (contd)**

President Gee: (contd)

This month, the university has recognized a number of members of our Ohio State family for their contributions throughout the year. Twelve notable students were named Outstanding Seniors and 50 received the Presidential Leadership Citation for their efforts to enhance campus life. Many of the colleges and departments have held recognition events to honor enrollment achievement.

I might note that there was truly an inspiring occasion for the university and the community with the presentation of the 1993 Wexner Prize to John Cage and Merce Cunningham. Mr. Cunningham literally transfixed the audience with his recollections of his collaboration with John Cage and his sincere appreciation for this honor.

The Wexner Prize is bringing great credit to the university, while a new degree program is advancing the role of Ohio State in the area of arts policy, funding, and regulation. This Master's degree program in arts policy and administration is a collaboration between the College of the Arts and the School of Public Policy and Management. To inaugurate the program, a symposium brought a distinguished panel to campus to discuss public policy and the arts.

I had the enjoyable opportunity to meet with the members of the Ohio State Class of 1943, marking their 50th reunion, and the Class of 1933, celebrating their 60th anniversary. For many of these alums, their years on campus were cut short by national and international turmoil. Their stories were interesting and their devotion to their alma mater is absolutely unbelievable.

From our newest class of Young Scholars to our alumni across the ages, Ohio State remains a place of opportunity, a place of vitality, and a place of commitment. And so in these times of challenges we have much to celebrate and much to strive toward as we work through the opportunities that are presented to us.

With that, I give you my report, Madam Chair.

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### **REPORT ON THE COLLEGE OF VETERINARY MEDICINE**

Ms. Casto:

At this time, I would like to call on Dr. William DeHoff and Dr. Milton Wyman, who wish to address the Board regarding the College of Veterinary Medicine.

Dr. Milton Wyman:

Thank you, Madam Chair. Distinguished Board of Trustees Members, we want to thank you on behalf of the Veterinary Medical Alumni Society for the opportunity to address this Board and our concern for the future of veterinary medical education here in the State of Ohio.

**REPORT ON THE COLLEGE OF VETERINARY MEDICINE (contd)**

Dr. Wyman: (contd)

When President Gee first came on board at the University, he came over and made visitations to all of the schools and he honored us with his presence. His off-the-cuff comments suggested that he would support uniqueness and excellence in education. I would like to discuss with you a little bit about the uniqueness and the excellence of veterinary medical education in the State of Ohio.

We are the only College of veterinary medical education in the state. That in itself is very unique. Indeed, we are one of only twenty-seven colleges of veterinary medicine in the United States. We are the third oldest college of veterinary medicine, and the largest college of veterinary medicine in the United States. We have graduated more veterinarians than any other college of veterinary medicine in the United States.

One hundred and thirty students are selected every year to the College. This is in and of itself unique, because it is more difficult to get admitted to a college of veterinary medicine than it is to any of the other allied health professions. The reason for that is because of the positivity of schools and the interest in the profession. So we have an opportunity to select extremely bright, young people who have finished their academic requirements for admission to the College of Veterinary Medicine.

The average point hour of these students is somewhere in the area of 3.5. We talk about national merit scholars -- we have very, very good national merit scholars, because we select these students from other institutions rather than only The Ohio State University. Their diversity of socioeconomic and cultural backgrounds provide an excellent environment for not only our College, but the University. The majority of our students that we select, fulfill the requirements to earn the degree Doctor of Veterinary Medicine.

Let's talk about some of the excellence in veterinary medicine in the State of Ohio. We have the largest clinical patient load in institutional veterinary medicine. That is extremely important, because our students have an opportunity to get hands on experience. Our faculty and graduate students have available to them naturally occurring diseases that go across-the-board of species and, indeed, reflect the opportunity for basic research in diseases of animals and humankind.

Let me cite some examples of this. Our retrovirus laboratory -- that group was responsible for the development of a feline-leukemia vaccine. This is analogous to, but not identical to, AIDS. And although it does not answer the immunization for AIDS question, it certainly adds a piece of the puzzle to that very difficult situation.

Many years ago, one of our faculty members developed the first artificial hip and today, the Gorman Prosthesis is routine in the replacement of hips, knees, etc. A veterinarian from the State of Ohio, from the College of Veterinary Medicine, was responsible for the initiation of that through animals.

In regards to the internal fixation of fractures, the late Dr. Bruce Hohn, brought that technique to this country from Switzerland. It is utilized annually in a short course -- over twenty years now -- where the individuals who participate number in excess of 450 every year. These are medical people and veterinarians from this country and abroad. It has received the highest awards from this University for continuing education. It is more or less extension work without any cost to the University.

**REPORT ON THE COLLEGE OF VETERINARY MEDICINE (contd)**

Dr. Wyman: (contd)

I can continue to go on with all of the various things that our institution can be proud of in excellence and in uniqueness. We share the pride -- the good Buckeye Pride -- of this institution, in general, and of the College of Veterinary Medicine, in particular. We thought with the excellence and the uniqueness of our College that we would be on this ship. We find that we are on a lifeboat and we are not certain whether that lifeboat is seaworthy.

I would like to introduce my colleague, Dr. Bill DeHoff, who will discuss some of the other problems that we feel are present today. Bill --

Dr. William DeHoff:

I thank you for your time and I will be as brief as I can. Dr. Wyman and I have been asked, by the Veterinary Alumni Association of the College of Veterinary Medicine of Ohio State University and by the State's Veterinary Medical Association, to present some concerns to you for your consideration. Because it is incomprehensible to them that the present activities of the University and its administration in its approach and direction to this College are unacceptable.

It is felt that you, the Board of Trustees, must not be fully aware of the attitude that is perceived by the College and the alumni of the activities of the administration. We are aware that the alumni has little official or legal position as to the decision-making process, except the positions that we may assume in voicing our support or disagreement with University activity. To what extent this review is decided upon or questioned and pursued is up to the individual organizations. Therefore, before the process of examination or review widens or explodes, the leaders of organized veterinarian medicine in this State and the memberships of the alumni of Ohio State around this country and around this world felt that the Board of Trustees should be fully aware of the problems and how they are being managed at this time. We need to be sure that we have at least presented our concerns, brief albeit.

It should be reinforced that the alumni of the University of professional colleges have a close binding. I am an alumnus, as are all of the rest of them that represent us here today. The binding to your professional college is greater. It goes on through a formation of learning as a way of life in your professional career, which is continually supported by your college. The personal reputation of the college is felt to reflect personally on the individual veterinarians or physicians or dentists, as it may be. The feelings of commitment -- to give you some idea why these people have come out of everywhere -- is not dissimilar to a parent in the local school system with their children. It may not be the most logical or forthright, but it is sincere and it is dear. They are committed to being sure not that we receive any more, but that we receive no less than is our due.

The straw that broke the camel's back that was brought to the Board and that brought the body of the alumni to their feet was the process that will not go away. It was the manner, the style, the attitude, and the lack of respect in the presentation for the request of the resignation of the Dean of the College of Veterinary Medicine. He is not the reason we are here, he is just the lightning rod that has brought the alumni across this country to their feet.

## REPORT ON THE COLLEGE OF VETERINARY MEDICINE (contd)

Dr. DeHoff: (contd)

We are aware of severe budget cuts continuing from the State over which you have little control, but we are sure that you are working very hard to shore them up. The question is to what degree -- and more importantly, are those cuts understood by the budgeteers. This is the largest veterinary medicine college in the country. Of the five schools in the Big 10, the student/faculty ratio at Ohio State is five to one, the average is 3.8 to one. Funding of faculty salaries is about \$8,000 below the average full professor and it's equivalent as it drops. \$24.9 million was brought into Ohio State's College, the average for those other five colleges is \$33.7 million. The average student expenditure is \$39.8 million at Ohio, the average for the other schools is \$68.5 million. University funding is 58 percent of our total budget, 28.9 percent goes for the professional student, when the average is 51.2 percent.

This is a time of decreasing financial budgets, which everybody is going through. When it gets down where it gets bitter you have to make hard choices. The decision to start new programs is admirable, but when it takes from your foundation stock, whether you are a farmer or you are in business, and you start to cut away the pins that have made you strong we begin to doubt that the judgements are being used in an appropriate manner.

Our College is under limited accreditation by the AVMA and this needs to be corrected for us not to be predisposed to losing accreditation. Faculty and student morale isn't good. It's not good anywhere. It is very difficult when there have been no raises since 1991. The growth is rapid in our profession and we are having difficulty getting the funding to keep up with the physical needs. A department of 120 faculty, with about six secretaries -- these are people that are not only calling your local veterinarians to report about cases, but trying to get out their data. It makes for a very inefficient system.

The uniqueness and excellence that the faculty heard they believe. It is not a school of high powered business people that have made major decisions. These are people that work in laboratories, and teach the students that lead this nation in a variety of professions. When they learned that their budget was cut 7 percent last year -- and it was more than all the other allied health professions on campus -- they wondered why if uniqueness and excellence which they know they have, and they presented were not followed up with the words they took to be fact [as Dr. Wyman said President Gee "would support uniqueness and excellence in education"].

Recruiting of minorities is always a problem. I see it in the paper all of the time and every university is seeking minorities. Our College set up a program which is serving our profession by seeking minorities to come into this profession. It identifies them through their testing scores -- people who can compete. Yet, other schools now have adopted the program and they are now getting the students. We do not have the scholarship money to present to these people, and a chance to put the minorities into professional colleges and positions around this country.

Dean Wright -- thirteen years of service as dean. Selected by the faculty and the administration of this University; renewed after five years by the faculty and, again, the administration of this University; and renewed again by the faculty and this administration of this University. And after three years, two years from retirement, he is asked to tender his resignation in the morning to save him the embarrassment of asking the faculty for a vote.

**REPORT ON THE COLLEGE OF VETERINARY MEDICINE (contd)**

Dr. DeHoff: (contd)

Dean Wright is the academic head of the veterinary profession in this State. When you select a dean of the College of Veterinary Medicine anywhere in this country and in Canada, you select the head of the academic affairs of the profession. Dean Wright is President of the Council of Deans of the Veterinary Colleges. Dean Wright has raised more money for our College programs in gifts than any other dean in the history of our College. Dean Wright started the Alumni Scholarship Program, that in its first casting produced over \$250,000. He is also president-elect of the AVMA.

Asking the Dean to step-down in this manner is not what we believe is appropriate administration. Given the fact that he is two years from retirement, you are going to ask the faculty for a vote, you have a budget that is decreasing that you cannot control completely, how are you going to begin to offer another job to a qualified person? To say, "Come with us, we have a great situation for you to come with, and we are backed up by the Board of Trustees, the administration, the faculty, and the State of Ohio." You do not have an opportunity to do that.

This is just the tip of the iceberg that I have been able to present. It is little things that break that camel's back. In a budget meeting a week ago Monday with the budget people for the faculty of the College of Veterinary Medicine, a member of the Provost's office, who has been on this campus and who was asked to visit the College, asked the question, "How many veterinary schools are there in the State of Ohio?" I can't imagine in your businesses or in my business having someone responsible for my financial success not being aware of what is going on within the colleges for which they hold the restraints and the bloodlines! This means a great deal. This is everything to this State.

The Veterinary School did not call Mrs. Smith at 5:00 this morning to tell her that her great boxer dog had died -- which I had to do. This is a much bigger thing and you have a part in it. We ask the Board of Trustees -- we trust your judgement -- to please investigate what is happening. Make your decisions wisely, but do not cut the foundation pins of this University for the desire to start new programs. We don't doubt they may be needed, but there must be a better time and a better place.

Dr. Wyman and I thank you for your time. Our feelings are sincere and if you have any questions at any time, we would be more than pleased to speak with you. Thank you.

Ms. Casto:

Thank you, gentlemen, for your comments.

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**STATUS REPORT ON MANAGING FOR THE FUTURE TASK FORCE**

Mr. Skestos:

On March 16, 1993, our Steering Committee had its first meeting as a committee of the whole. The Committee is made up of eleven members: six faculty, two staff, one outside business person, a student representative, and myself. Bill Shkurti, Vice

**STATUS REPORT ON MANAGING FOR THE FUTURE TASK FORCE (contd)**

Mr. Skestos: (contd)

President of Finance, and Nancy Rudd, Vice Provost for Academic Affairs, were asked to attend and to give us a sense of what the genesis of the Task Force was and what it thought it was suppose to be accomplishing. We also wanted to get a sense of where there was agreement, where there was a lack of consensus, and finally, what the implications of the recommendation of the Task Force were to the University.

After hearing from both of these people, the Committee then discussed what our role was and the best means of accomplishing the tasks. We also decided the best way to proceed was to form five subcommittees. Each subcommittee is addressing one of the five recommendations of the Ohio State Task Force which are as follows: 1) the Simplification of the University's Organization and Governance Structure; 2) Improving Its Information Management System; 3) Establishing Documentation of Academic Achievements, such as assessment of student performance and systematic evaluation of academic programs, along with the formation of workloads for faculty members as to teaching, research, and service; 4) Improving our Academic Support Service, which involves developing criteria for centralizing services, reviewing guidelines for contracting work, and developing a personnel evaluation and reward system among other things; 5) working with the State to bring about changes in policy that effect OSU particularly, modifying our subsidy formula so it does not penalize us in the fulfillment of our mission statement, seeking the permission of the State to manage our own capital construction projects, and being allowed to develop and administer our own personnel system.

Our first subcommittee meeting dealing with the University's Organization and Governance Structure, was held on April 8, 1993. Dean Garland was appointed chairman of this committee. In addition to the regular members present, Nancy Rudd, from Academic Affairs, Professor Martha Garland, from the University Senate, and Professor Robert Holmes, from the Faculty Council, were invited to attend and discuss those matters which their constituent groups were presently working on. Professor Holmes described the Faculty Council and its role in the University's governing structure. He discussed the current strides to make the Council more prominent, including holding meetings specifically to discuss topical issues of concern such as faculty workload policies, faculty sanctions, and other such matters.

Professor Garland spoke to us concerning faculty participation in the Council and Senate. There was some general discussion concerning the Senate's image and its powers. In addition, there was a discussion concerning the need to stimulate a greater interest by the faculty in the Council and the Senate, and the importance of communicating to the departments and the public what the Senate is doing. We ended the discussion on how more emphasis should be given to the service aspect of the faculty members' duties. All agreed that more credit and recognition should be given to those who serve.

The following day, April 9, 1993, our subcommittee on the Improvement of the University's Information Systems met. In addition to the regular committee members, Charles Bender, Director of Academic Computing and the Supercomputer Center, Jim Davis, Associate Director of Research Computing, and Associate Provost Don Dell were present and discussed the University's Information System.

**STATUS REPORT ON MANAGING FOR THE FUTURE TASK FORCE (contd)**

Mr. Skestos: (contd)

Jim Davis began with a discussion concerning current and structural projects, including HomeNet, a system to bring faculty, students, and administrators together.

It is the hope eventually to get everyone working on the same network and to have computing available to all in their homes. Don Dell described how the current student services evolved and developed independently. Currently Academic Computing is looking at an on-line interactive consultation system being used in Dayton. The Information Task Force which is headed by Vice President Hayes is currently looking at improving Brutus by adding a waiting list feature that would maintain a list of students that were closed out of particular courses and by retaining that list from quarter to quarter, giving those students priority assignment.

Charles Bender gave an overview of Academic Computing and discussed with us moving to a distributive mode of computing which is cheaper for the hardware, but more expensive initially for instruction in training personnel. He indicated that the deans seemed to be in favor of it. He further described technology change in general, and said that at OSU we have conservative technology that is traditionally one generation behind in mainframes. Mr. Bender, when asked about the cost in making changes to bring us current, indicated the academic portion would cost approximately \$20 million over what we now spend. He also indicated that the deans rank computing as number two on their list of priorities.

We briefly discussed remote interactive videos and cooperative efforts for sharing the networks to teach courses at different sites. Mr. Jay Yutzey was appointed the chairman of that subcommittee.

Again, on May 5, 1993, the Academic Achievement Committee met. In addition to the regular committee members, David Williams, Vice Provost for Minority Affairs, and Jim Mager, Director of Admissions and Financial Aid, were invited to discuss current operations with their units and how they related to documenting academic achievements. We discussed the climate for minority students on campus and a tracking system for surveying students. We also had an extensive discussion on student assessment and, in particular, the North Central Accreditation requirements, and the effect of the June 1995 deadline.

We also discussed the University's progression from open admissions to selective admissions and the change that has been effected on the profile of our undergraduate student population. It is interesting to note that during the last three years, beginning with the Autumn Semester of 1990, the number of National Merit Scholars at OSU has increased from twenty-six to over 100. In addition, the average SAT composite scores during that same period have gone from 965 to 990. The number of National Achievement Scholars has risen over 300 percent, and the number of University scholars has gone from 272 to 405. Furthermore, our retention for students graduating at the end of a six-year period has gradually been on the rise.

We also discussed the need for an increased effort in recruiting top quality minority students and the much needed additional support for such students. Professor Susan Huntington was named chairman of this committee.

**STATUS REPORT ON MANAGING FOR THE FUTURE TASK FORCE (contd)**

Mr. Skestos: (contd)

On May 14, 1993, the Simplification of the Organization and Governance Structure Committee met for the second time. At this meeting we asked Professor Martha Garland, from the University Senate, to give us further information as to the changes that the Senate was considering. She indicated that greater faculty participation on the Council was being sought and further noted that the Council was currently meeting monthly to discuss institutional issues. Because of greater faculty participation, it is hoped that the Senate will come to be seen as a truly representative body of the faculty. She also told us about three committees which had recently been created with the purpose of: 1) first evaluating the Senate structure; 2) looking at the effectiveness of the Senate committees; and 3) triaging.

We also briefly discussed Regional Campuses and some of their complex issues. There was additional discussion on the link between budget and academic programs and the need to better communicate this to the faculty. It was felt, and this is an important note, that the serious fiscal problems of the University are not always fully realized by the faculty and we need to better communicate to them on this important issue. We briefly touched on the pros and cons of reorganization and it was the feeling that such reorganization should not only be for fiscal reasons, but also academic reasons. Such changes should always be based on quality.

We held our second committee of the whole meeting on June 1, 1993. We asked Bill Shkurti, Vice President for Finance, to come and speak to our committee on the implications of what our present fiscal crisis might have on the various matters which our subcommittees have under consideration, such as the funding of informational systems, the changing in admission policies, and other such related matters. Later on in the meeting, we again reexamined our role and agreed to stress in our subcommittee meetings the importance and need for long-range and intermedial range planning. We also felt we should state goals and objectives with time tables to accomplish things. We agreed to continue to further gather information in order to become more familiar with the various issues at hand, as well as monitor the activities underway.

In addition, we agreed to identify ways that the various subcommittees might facilitate and support those units working on the various Task Force recommendations. We all agreed that our committee would be one of activism and that each one of us would assist in communicating to members of the faculty, student body, supporting staff, and Trustees the progress that is being made and the urgency and necessity of their support. Our committee is dedicated to involvement. That ends my report.

Ms. Casto:

That's wonderful. Does anybody have any questions on this report?

President Gee:

I have really appreciated your own personal leadership. I think it is worthy to note, and you have shared this with me, that this particular committee has taken this task very seriously and they are working very steadily on all of these issues. I hope you convey my own personal thanks to them, because given the issues that we are dealing with right now, I think that the escalation of those issues is going to have

**STATUS REPORT ON MANAGING FOR THE FUTURE TASK FORCE (contd)**

President Gee: (contd)

to come along. I assume with the time frames that you have given that we could still meet some of our objectives even this year. Right?

Mr. Skestos:

Yes. I think we have the finest people that we possibly could gather from this University sitting on the steering committee. Each and everyone of them is 100 percent dedicated to involvement and has the highest interest for the University.

Ms. Casto:

Thank you, Mr. Skestos.

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**RESEARCH FOUNDATION REPORT**

Mr. Celeste:

A summary of the Grants and Contracts received by The Ohio State University Research Foundation during the month of April may be found at Tab 1 in this report. In the first table, the awards for the period July through April from Federal sponsors continue to show an increase of about 5 percent. However, the total funding from all sponsors is down about 5 percent. There are significant increases in funding from the Department of Defense, Department of Education, and the National Institutes of Health. The second table provides a summary of fiscal year 1993 awards with the detail on how the awards would have been distributed between the Research Foundation and the Engineering Experiment Station prior to their merger.

At Tab 2 you will find expenditure summaries for the month of April. Total expenditures have increased 5.3 percent and it is noteworthy that both Federal and Non-Federal expenditures are following this trend.

Some new projects of special interest that were funded in the month of April are listed at Tab 3. These new projects are in areas that the University has identified as Key Technologies. Professor Jessie Au, an NIH Merit awardee from the College of Pharmacy, has received \$284,193 for her part in three new projects funded by the National Institute of Health. Professor Au, as Program Director, will be interacting with Professors Badalament and Wientjes on their projects as they all focus on Mitomycin C. Professor Au's project will focus on studying the determinants of Mitomycin C in human solid tumors with the hope of finding indicators that will identify patients likely to respond to Mitomycin C treatment.

Professor Alan Paau in the Biotechnology Center has been funded by the Midwest Plant Biotechnology Consortium to develop a campus-wide, goal-oriented Biomass/Biofuel Consortium which will emphasize a multidisciplinary team approach to research and problem-solving in bioenergy issues.

### **RESEARCH FOUNDATION REPORT (contd)**

Mr. Celeste: (contd)

Yesterday I met with Professor Frank De Lucia, Chairperson of Physics, to discuss research activity in his department. We spent a great deal of time talking about the potential impact of our present financial situation of the department as well as the University in general. A concern is that we do not want to disrupt the Physics Department, which has a terrific national reputation that is built upon the Nobel Laureate, 6 NSF Presidential Young Investigators, and many eminent faculty.

At Tab 4 is the list of all projects funded in April.

At Tab 6 is the press releases issued by University Communications highlighting recent research activity.

### **REPORT OF RESEARCH CONTRACTS AND GRANTS**

Resolution No. 93-144

Synopsis: The reports on research and other sponsored program contracts and grants and the summary for April 1993 are presented for Board acceptance.

WHEREAS monies are solicited and received on behalf of the University from governmental, industrial, and other agencies in support of research, instructional activities, and service; and

WHEREAS such monies are received through The Ohio State University Research Foundation and the Engineering Experiment Station of The Ohio State University:

NOW THEREFORE

BE IT RESOLVED, That the research agreement between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the reports from the Engineering Experiment Station during the month of April 1993 be approved.

Upon motion of Mr. Celeste, seconded by Mr. Kessler, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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### **HOSPITALS BOARD REPORT**

Mr. Skestos:

On May 27 the Hospitals Board received several reports. These reports included the annual evaluation on the programmatic and clinical activities of Dodd Hall. Ms. Ruth Mount, President of the Service Board, submitted the annual Service Board report. Additionally, there was a demonstration of the Central Ohio Medical Information Network (COMIN) which is co-sponsored by the Hospitals. This network will permit clinical and management information to be shared with those physicians, hospitals, and insurance companies who elect to be part of the computer information network. The Medical Director gave a brief overview of physician activities. The Chief of Staff updated us on the progress of the Single Bill Program.

## HOSPITALS BOARD REPORT (contd)

Mr. Skestos: (contd)

The Hospitals Board reviewed, and pending final agreement by the University Board, approved the 1993-94 operating budget and the 1993-94 capital plan. The budget includes an average one percent (1%) rate increase.

### **AMENDMENTS TO THE UNIVERSITY HOSPITALS BOARD BYLAWS**

Resolution No. 93-145

Synopsis: The amendments to the University Hospitals Board Bylaws are recommended for approval.

WHEREAS pursuant to bylaw 3335-103-01 of the University Hospitals Board Bylaws, the University Hospitals Board Bylaws may be amended by The Ohio State University Board of Trustees; and

WHEREAS the amendments to the University Hospitals Board Bylaws has been endorsed and ratified by the University Hospitals Board on April 22, 1993, as follows:

#### Amended Bylaws

3335-93-01 University hospitals board.

(A) (1) through (4) Unchanged.

- (5) In addition to the hospitals board members, the following, at the board's request, will participate in deliberations, will receive agenda and minutes, and from time to time will be invited to attend board meetings and other activities, and to submit agenda items:

Persons designated by the university's board of trustees as emeritus hospitals board members  
Deans of health sciences colleges  
Medical director of university hospitals  
Chief, hospitals medical staff, or equivalent position

(6) and (7) Unchanged.

(B) Unchanged.

- (C) In recognition of unique contributions to university hospitals, former members of the hospitals board may be designated by the university's board of trustees as emeritus hospitals board members. Emeritus hospitals board members will be non-voting members, and will serve for a three-year term of office. At the end of the three-year emeritus term their board service will conclude and there will be no further service or attendance requirements.

3335-93-04 Meetings and notice.

- (A) Regular meetings. Regular meetings of the hospitals board may be held at the hospital each month, or on a schedule established by the board, at times which shall be set and publicly announced by the chairperson of the board, or at such other time or place as may be announced by the chairperson.

**AMENDMENTS TO THE UNIVERSITY HOSPITALS BOARD BYLAWS (contd)**

Amended Bylaws (contd)

(B) Special meetings. Special meetings may be called at the direction of the chairperson, or shall be called by the chairperson at the request of three members of the board, provided that notice to all board members shall be given not less than five days prior to the meeting. The notice shall state the time, place, and purpose of the meeting.

Balance unchanged.

3335-93-07 Removal.

(A) Unchanged.

(B) Any board member who has three unexcused absences for three successive meetings, or five unexcused absences in a calendar year, as determined by the chairperson, shall be automatically removed.

3335-95-01 Officers.

The officers of the board shall be members of the board and shall consist of a chairperson, vice chairperson, and such other officers as the board may deem advisable. The chairperson and other officers, chosen from among the citizen members, shall be elected annually by the board. No officer may serve more than two successive terms.

3335-95-02 Chairperson.

The chairperson of the board shall appoint all committee members; shall preside at all meetings of the board; shall be responsible for approving agenda for board meetings; shall make an annual report to the university board of trustees and such other reports as the Ohio state university board of trustees may require; shall serve as an ex-officio member, without vote, on all standing and special committees unless otherwise specified in the bylaws. The chairperson shall have such other and further duties and authority as may be prescribed elsewhere in these bylaws, or from time to time by the hospitals board.

3335-95-03 Vice chairperson.

During the absence of the chairperson or the chairperson's inability to act, the vice chairperson shall perform the duties and exercise the powers of the chairperson. (B/T 5/2/80, B/T 6/4/93)

3335-97-02 Executive committee.

(A) Responsibilities. The executive committee shall:

- (1) Transact business of the board between regular meetings of the board.
- (2) Coordinate the board's education and self-evaluation activities, and interaction with the Ohio state university board of trustees. The summary of the annual self-evaluation will be shared with the full hospitals board and communicated to the university trustees in accordance with Chapter 3335-93-03 (B).
- (3) Coordinate board activities and committee representation.

**AMENDMENTS TO THE UNIVERSITY HOSPITALS BOARD BYLAWS (contd)**

Amended Bylaws (contd)

- (4) Ensure review of the hospitals board bylaws every other year, and forward the report/recommendations to the full hospitals board. Modifications will be forwarded to the university trustees for review and approval as appropriate and in accordance with Chapter 3335-103-01.

(B) Composition. The executive committee of the board shall consist of: the chairperson of the board, who will serve as chairperson of the committee; the vice chairperson of the board; the immediate past chairperson of the board; the president of the university; and the chairpersons of all standing committees of the board, and the two trustee members of the board. The vice president for health services, or other officer designated by the president of the university, and the dean of the college of medicine, the medical director, the hospitals executive director, the chief of the medical staff, and the chief of staff elect, shall serve as ex-officio members without vote.

(C) Unchanged.

3335-97-04 Administrative/operations committee.

(A) Responsibilities. The administrative/operations committee shall be responsible for the following specific duties:

- (1) Development and maintenance of three year financial plan with continuous monitoring of the plan.
- (2) Evaluating safety/security and disaster planning performance.
- (3) Evaluating information systems development.
- (4) Monitoring development programs.
- (5) Monitoring capital and facilities programs.
- (6) Monitoring operational goals and performance.
- (7) Reviewing internal and external audit functions.
- (8) Such other responsibilities as assigned by the chairperson of the board.

(B) and (C) Unchanged.

3335-97-05 Professional affairs/education/research committee

(A) Responsibilities. The professional affairs/education/research committee shall be responsible for the following specific duties:

- (1) Monitoring all patient care activity in facilities deemed by the university trustees to be the administrative responsibility of university hospitals including, but not limited to, the hospitals, clinics, ambulatory care facilities, and physicians office facilities.
- (2) Monitoring quality assurance performance under all programs identified in (1) above.
- (3) Monitoring medical and other educational activity and relationship to hospitals.

**AMENDMENTS TO THE UNIVERSITY HOSPITALS BOARD BYLAWS (contd)**

Amended Bylaws (contd)

- (4) Monitoring research activity and relationship to hospitals.
- (5) Monitoring the evaluation of credentials and privileges requests of physicians and other applicants.
- (6) Reviewing accreditation and licensure agency requirements and response to such.
- (7) Reviewing of medical staff bylaws changes.
- (8) Reviewing human resources actions including management and professional development, compliance with eeo guidelines, wage and salary administration and productivity.
- (9) Such other responsibilities as assigned by the chairperson of the board.

(B) and (C) Unchanged.

3335-101-05 Appointment to the medical staff and assignment of clinical privileges.

Upon recommendation of the medical staff and in accordance with the medical staff bylaws, the board may appoint faculty members who are graduates of recognized medical and dental schools, meeting the qualifications prescribed in the medical staff bylaws, to membership on the medical staff of the hospitals and shall grant clinical privileges to such persons, subject to ratification of the Ohio state university board of trustees. Appointment to the medical staff carries with it full responsibility for the treatment of individual hospitals patients subject to such limitations as may be imposed by the board or the bylaws, rules, and regulations of the medical staff. Appointments to the medical staff shall be for two years, renewable each year in accordance with the reappointment procedure set forth in the medical staff bylaws. Reappointments to the medical staff will be made every other year by the board, and shall be for two years. (B/T 5/2/80, B/T 6/4/93)

3335-101-07 Hospital clinical departments.

- (A) Appointment of the chief of each clinical department is subject to approval by the board on the recommendation of the dean of the applicable professional school and the vice president for health services. All such appointments shall be periodically reviewed by the board. Chiefs of clinical departments vacancies may be filled on an interim basis at any time by action of the dean of the appropriate professional college, after consulting with the board. (In general, the chiefs of clinical departments will be chairpersons of corresponding academic departments in the medical college.)

Balance unchanged.

NOW THEREFORE

BE IT RESOLVED, That the foregoing amendments to the University Hospitals Board Bylaws be adopted as recommended by the University Hospitals Board.

Upon motion of Mr. Skestos, seconded by Mr. Colley, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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## UNIVERSITY DEVELOPMENT REPORT

Mr. Shumate:

Through the April 30 reporting period, gift receipts are 50 percent ahead of the amount of gifts received during the same period one year ago. As we have reported during the past several months, we did receive one gift-in-kind of cartoon art worth \$9.0 million, which does affect the total. However, we would still show a 29 percent increase over last year if we factored out the \$9.0 million gift.

I would like to point out two changes in the format of this month's report: 1) the "Gift Receipts By Donor Type" report is footnoted to explain significant variations; and 2) we added a "Gift Receipts By Purpose" report to show the breakdown of gifts received by general purpose categories. Of particular interest here, please note that thus far this year we have received about \$19.5 million toward the endowment. This is an 84 percent increase over this time last year.

Are there any questions? If not, Madam Chair, I would like to recommend to the Board the establishment of 15 new named endowed funds totaling \$2,071,014 in restricted support to the University, including one new endowed Chair in the College of Medicine. I am also requesting the revision of one named endowed fund.

## REPORT ON UNIVERSITY DEVELOPMENT

Resolution No. 93-146

Synopsis: The report on the receipt of gifts and the summary for April 1993 are presented for Board acceptance.

WHEREAS monies are solicited and received on behalf of the University from alumni, industry, and various individuals in support of research, instructional activities, and service; and

WHEREAS such gifts are received through The Ohio State University Development Fund and The Ohio State University Foundation; and

WHEREAS this report includes the establishment of fifteen (15) new named endowed funds and amendments to one (1) endowment funds:

NOW THEREFORE

BE IT RESOLVED, That the acceptance of the report from The Ohio State University Development Fund and The Ohio State University Foundation during the month of April 1993 be approved.

Upon motion of Mr. Shumate, seconded by Mr. Wexner, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

**REPORT ON UNIVERSITY DEVELOPMENT (contd)**

SUMMARY

TOTAL UNIVERSITY PRIVATE SUPPORT  
July-April  
1991-92 compared to 1992-93

GIFT RECEIPTS BY DONOR TYPE

	<u>1991-92</u>	Dollars July through April <u>1992-93</u>	<u>% Change</u>
Individuals:			
Alumni (Current Giving)	\$ 8,355,120	\$14,401,863	72
Alumni (From Bequests)	<u>1,726,514</u>	<u>3,543,150</u>	105
Alumni Total	\$ 10,081,634	\$17,945,013	78
Non-Alumni (Current Giving)	\$ 5,594,232	\$ 6,422,003	15
Non-Alumni (From Bequests)	<u>2,572,942</u>	<u>2,354,276</u>	(9)
Non-Alumni Total	\$ 8,167,174	\$ 8,776,279	7
Individual Total	\$18,248,808	\$26,721,292	46 <sup>A</sup>
Corporations/Corp. Foundations	\$14,041,445	\$26,988,247	92 <sup>B</sup>
Private Foundations	\$ 5,842,899	\$ 4,871,885	(17) <sup>C</sup>
Associations & Other Organizations	<u>\$ 3,473,442</u>	<u>\$ 3,744,656</u>	8
TOTAL	\$41,606,594	\$62,326,080	50

<sup>A</sup>Individual giving is up 46 percent compared to the July-April period one year ago because of five major gifts totaling \$7.6 million (one current gift of \$1.2 million, three irrevocable trusts totaling \$5.3 million and an estate settlement of \$1.1 million).

Of all gifts from individuals of \$10,000 or more during July-April this year, there were 217 gifts for \$18,650,096. Last year during the same period, there were 187 gifts but only totaling \$10,370,242.

<sup>B</sup>This increase is a result of a \$9 million gift-in-kind (cartoon art). Factoring this gift out, corporate giving is still up 28 percent over last year.

<sup>C</sup>Last year during the reporting period (July-April), there were 120 gifts of \$10,000 or more from private foundations totaling \$4,848,034. This year during the same period, private foundation giving at this level is down to 111 gifts totaling \$4,217,099.

(Note: Of the \$62,326,080 in current year gift receipts \$8,688,256 or 14 percent is the result of the payment of pledges from The Ohio State University Campaign. Also, if you factor out the cartoon art gift-in-kind of \$9.0 million, total giving is still up 29 percent over the comparable period of one year ago).

**REPORT ON UNIVERSITY DEVELOPMENT (contd)**

SUMMARY (contd)

TOTAL UNIVERSITY PRIVATE SUPPORT  
July-April  
1991-92 compared to 1992-93 (contd)

GIFT RECEIPTS BY PURPOSE

	<u>1991-92</u>	Dollars July through April <u>1992-93</u>	<u>% Change</u>
Gift Additions to Endowment	\$10,537,363	\$19,415,877	84
Gifts to Current Use Funds:			
Buildings/Equipment	\$ 4,739,397	\$14,536,177	207
Program Support	17,017,729	19,357,302	14
Student Financial Aid	2,941,804	2,653,279	(10)
Annual Funds--Colleges/Departments	5,488,070	5,368,848	(2)
Annual Funds--University	882,231	994,597	13
Total	\$41,606,594	\$62,326,080	50

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

	<u>Previous Gifts</u>	<u>Current Gifts</u>	<u>Total Gifts</u>
Establishment of Named Endowed Funds			
The Doctor John D. and E. Olive Brumbaugh Chair in Brain Research and Teaching (Faculty Chair - College of Medicine)		\$1,447,144.51	\$1,447,144.51
The Ann and Emanuel D. Rudolph Fund (Graduate Fellowship - Textiles and Clothing)		\$ 250,000.00	\$ 250,000.00
The Emanuel D. Rudolph Botanical Fund (Lecture and Library Support -- College of Biological Sciences)		\$ 87,875.00	\$ 87,875.00
The William R. Davidson Doctoral Fellowship in Marketing (Fellowship - College of Business)		\$ 86,245.34	\$ 86,245.34
The Auxiliary to The Columbus Dental Society Scholarship Fund (Scholarships - College of Dentistry)		\$ 45,000.00	\$ 45,000.00
The David H. Stansbery Bivalves Endowment Fund (Bivalve Mollusk Collection - College of Biological Sciences)		\$ 23,800.00	\$ 23,800.00

**REPORT ON UNIVERSITY DEVELOPMENT (contd)**

SUMMARY (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

	<u>Previous Gifts</u>	<u>Current Gifts</u>	<u>Total Gifts</u>
Establishment of Named Endowed Funds (contd)			
The Dr. Edward E. Eddowes Memorial Aviation Psychology Fund (Fellowships - College of Engineering)	\$ 23,180.00	\$ 23,180.00	
The Robert S. Young, M.D. Endowment Fund in Family Medicine (Family Medicine Support - College of Medicine)	\$ 16,905.00	\$ 16,905.00	
The Bernice C. Hum Animal Science Scholarship Fund (Scholarships - College of Agriculture)	\$ 15,482.91	\$ 15,482.91	
The Lashley/Lowe Minority Scholarship Fund (Minority Scholarships - Marion Campus)	\$ 12,381.25	\$ 3,000.00	\$ 15,381.25
The Dr. John C. Kirkpatrick Endowed Scholarship Fund (Scholarships - College of Optometry)	\$ 15,100.00	\$ 15,100.00	
The J. Howard and Josephine S. Fetro 4-H Endowment Fund (General and Scholarship Support - Highland County 4-H Program)		\$ 15,000.00	\$ 15,000.00
The First Community Village Endowed Scholarship Fund (Scholarships - College of Medicine)	\$ 15,000.00	\$ 15,000.00	
The Ohio State University Rugby Football Club Endowment Fund (General Support for Rugby - University Recreation and Intramural Sports)		\$ 15,000.00	\$15,000.00

THE OHIO STATE UNIVERSITY FOUNDATION

Approval of Description and Establishment of Named Endowed Fund

The Chalmers P. Wylie Scholarship Fund for Public Service (Scholarships - College of Business)	\$ 50,000.00	\$ 50,000.00
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Change in Description of Named Endowed Fund

The Professor John C. Burnham Endowment Fund

**REPORT ON UNIVERSITY DEVELOPMENT (contd)**

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Establishment of Named Endowed Funds

The Doctor John D. and E. Olive Brumbaugh Chair  
in Brain Research and Teaching

The Doctor John D. and E. Olive Brumbaugh Chair in Brain Research and Teaching was established June 4, 1993, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the estate of John D. Brumbaugh (M.D. '27), Akron, Ohio.

All gifts are to be invested in the University's permanent endowment fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to support a faculty chair position in support of brain research and teaching, including anatomy, physiology, pathology and therapeutics as related to the human brain as recommended by the Dean of the College of Medicine to the Provost and approved by the Board of Trustees.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the Dean of the College of Medicine or program administrative officer in order to carry out the desire of the donor for the benefit of education and research.

\$1,447,144.51

The Ann and Emanuel D. Rudolph Fund

The Ann and Emanuel D. Rudolph Fund was established June 4, 1993, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the estate of Dr. Emanuel D. Rudolph.

All gifts are to be invested in the University's permanent endowment fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to support a graduate research associateship or fellowship for a student enrolled in graduate study in the Department of Textiles and Clothing with a dissertation or thesis focus in the history of costume and/or buttons. Selection of the recipients shall be made by the Chair of the Department of Textiles and Clothing in conjunction with the Textiles and Clothing graduate studies committee.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exit or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

\$250,000

**REPORT ON UNIVERSITY DEVELOPMENT (contd)**

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Endowed Funds (contd)

The Emanuel D. Rudolph Botanical Fund

The Emanuel D. Rudolph Botanical Fund was established June 4, 1993, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the estate of Dr. Emanuel D. Rudolph, Professor Emeritus of Plant Biology, and from his family, friends and colleagues.

All gifts are to be invested in the University's permanent endowment fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be distributed to The Ohio State University Herbarium and shall be administered by the Director of the Herbarium. The income shall be used for two purposes, namely, an amount equal to approximately \$1,000 (indexed annually for inflation) shall support an annual Rudolph Memorial Lecture and associated expenses in the fields of cryptogamic botany, arctic/antarctic botany, or the history of botany. The remaining income shall be used for the preservation and continuation of the Rudolph Memorial Library in the Herbarium and related purposes.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the Dean of the College of Biological Sciences and the appropriate department chairperson or program administrative officer in order to carry out the desire of the donors.

\$87,875

The William R. Davidson Doctoral Fellowship  
in Marketing

The William R. Davidson Doctoral Fellowship in Marketing was established June 4, 1993, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the family, colleagues and friends of William R. Davidson (Ph.D., Business Organization, 1951).

All gifts are to be invested in the University's permanent endowment fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be distributed to the Chair of the Department of Marketing in the College of Business to be used to fund The William R. Davidson Doctoral Fellowship in Marketing. The fellowship shall be awarded to an outstanding candidate and support the student's work in the application of principles of economics and management to marketing institutions.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donors.

\$86,245.34

**REPORT ON UNIVERSITY DEVELOPMENT (contd)**

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Endowed Funds (contd)

The Auxiliary to the Columbus Dental Society  
Scholarship Fund

The Auxiliary to the Columbus Dental Society Scholarship Fund was established June 4, 1993, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from The Auxiliary to the Columbus Dental Society Loan Fund.

All gifts are to be invested in the University's permanent endowment fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide scholarships to students in the College of Dentistry who are ranked in the upper twenty-five percent (25%) of their class, who are Ohio residents, and who exhibit some degree of financial need, with preference given to children of Auxiliary members. Any unused income shall be returned to principal at the end of each year in order to promote the growth of this endowment. Selection of the award recipient(s) shall be made by the College of Dentistry in consultation with the University Committee on Student Financial Aid.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the Dean of the College of Dentistry in order to carry out the desire of the donor.

\$45,000

The David H. Stansbery Bivalves Endowment Fund

The David H. Stansbery Bivalves Endowment Fund was established June 4, 1993, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from David H. Stansbery (B.S., Biological Science, 1950; M.S., Hydrobiology, 1953; Ph.D., Zoology, 1960) and friends and faculty members of the College of Biological Sciences.

All gifts are to be invested in the University's permanent endowment fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used for the enrichment and maintenance of the Bivalve Mollusk Collection such that it can better serve the objectives of research, teaching, and service, including expeditions, purchase of collections, and related expenses of the Division of Bivalves of the Museum of Zoology, a part of the Museum of Biological Diversity, as determined by the head of the Bivalve Division.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer of the museum in order to carry out the desire of the donors.

\$23,800

**REPORT ON UNIVERSITY DEVELOPMENT (contd)**

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Endowed Funds (contd)

The Dr. Edward E. Eddowes Memorial Aviation  
Psychology Fund

The Dr. Edward E. Eddowes Memorial Aviation Psychology Fund was established June 4, 1993, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund in memory of Dr. Edward E. Eddowes of Birmingham, Alabama, from his widow, Mrs. E. Anne Eddowes, his family and his friends.

All gifts are to be invested in the University's permanent endowment fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

This memorial will recognize Dr. Edward E. Eddowes' lifelong interest in psychology and its application to aviation. The annual income shall be used to provide one or more fellowships to graduate students with preference given to those who are actively involved in the aviation psychology research. The selection shall be made by the Department of Aviation faculty in consultation with the Dean of the College of Engineering, the Graduate School, and the University Committee on Student Financial Aid.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donors.

\$23,180

The Robert S. Young, M.D. Endowment Fund  
in Family Medicine

The Robert S. Young, M.D. Endowment Fund in Family Medicine was established June 4, 1993, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Dr. and Mrs. Robert S. Young, the Department of Family Medicine, family, colleagues and friends of Professor Emeritus Robert S. Young (M.D. '47; B.A., Arts - Medicine '44) of Johnstown, Ohio.

All gifts are to be invested in the University's permanent endowment fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall support projects and programs which foster education in family medicine and, when appropriate, rural medicine as recommended by the Chairperson of the Department of Family Medicine.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the Dean of the College of Medicine, Chairperson of the Department of Family Medicine, or program administrative officer in order to carry out the desire of the donors.

\$16,905

**REPORT ON UNIVERSITY DEVELOPMENT (contd)**

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Endowed Funds (contd)

The Bernice C. Hum Animal Science Scholarship Fund

The Bernice C. Hum Animal Science Scholarship Fund was established June 4, 1993, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the estate of Bernice C. Hum.

All gifts are to be invested in the University's permanent endowment fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide scholarships for students enrolled in the Department of Animal Science in the College of Agriculture. Selection shall be made by the scholarship committee of the Department of Animal Science in consultation with the University Committee on Student Financial Aid.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the chairperson of the Department of Animal Science in order to carry out the desire of the donor.

\$15,482.91

The Lashley/Lowe Minority Scholarship Fund

The Lashley/Lowe Minority Scholarship Fund was established June 4, 1993, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from Madge Cooper Guthery (B.S.Ed. '31) of Marion, Ohio. This fund honors Rev. Milton Lashley and Myrtle Lowe, outstanding citizens who dedicated their lives to the Marion community, the church and the preservation of Black heritage.

All gifts are to be invested in the University's permanent endowment fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

Twenty percent (20%) of the annual income shall be added to the fund's principal and eighty percent (80%) shall be used to provide one or more scholarships or scholarship loans to deserving minority students who are attending The Ohio State University at Marion. The selection of the recipients shall be made upon the recommendation of The Ohio State University Marion Campus Scholarship Committee in consultation with the scholarship chairperson of the Marion Campus Minority Advisory Committee, the Dean of the Marion Campus, and the University Committee on Student Financial Aid.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

\$15,381.25

**REPORT ON UNIVERSITY DEVELOPMENT (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

Establishment of Named Endowed Funds (contd)

The J. Howard and Josephine S. Fetro 4-H  
Endowment Fund

The J. Howard and Josephine S. Fetro 4-H Endowment Fund was established June 4, 1993, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from J. Howard Fetro (B.S.Agr. '29; M.S., Rural Economics '38) and Josephine S. Fetro of Hillsboro, Ohio.

All gifts are to be invested in the University's permanent endowment fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to support the Highland County 4-H Program, with preference for, but not limited to, one or more scholarships for 4-H members, either current or alumni, of Highland County, Ohio. Should the income exceed the scholarship as determined by the Highland County 4-H Advisory Committee, the annual income may be used to support the funding of awards; training of volunteer leaders; sponsoring seminars or programs; purchasing of material or services that will supplement the 4-H program; and marketing of the local 4-H program. All expenditures from this fund shall be approved by the Highland County 4-H Advisory Committee. Beneficiaries and the number of scholarships are to be determined by a committee of, or approved by, the Highland County 4-H Advisory Committee in cooperation with the University Committee on Student Financial Aid. The scholarships may be awarded to any undergraduate or graduate students attending The Ohio State University.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees with preference being given to recommendations from the Director of the Ohio State University Extension in consultation with a committee representing the Highland County 4-H community in order to carry out the desire of the donors.

\$15,000

The First Community Village Endowed Scholarship Fund

The First Community Village Endowed Scholarship Fund was established June 4, 1993, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the First Community Village, Columbus, Ohio.

All gifts are to be invested in the University's permanent endowment fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall provide scholarships to students enrolled in the Division of Hospital and Health Services Administration within the College of Medicine, who have an interest in long-term care management and policy. The selection of qualified candidates shall be made on the basis of criteria developed by a selection committee within the Division. The final award(s) shall be made to scholarship recipients by the Chairperson of the Division of Hospital and Health Services Administration and the Dean of the College of Medicine in consultation with the University Committee on Student Financial Aid.

**REPORT ON UNIVERSITY DEVELOPMENT (contd)**

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Endowed Funds (contd)

The First Community Village Endowed Scholarship Fund (contd)

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the Dean of the College of Medicine or program administrative officer in order to carry out the desire of the donor.

\$15,000

The Dr. John C. Kirkpatrick Endowed  
Scholarship Fund

The Dr. John C. Kirkpatrick Endowed Scholarship Fund was established June 4, 1993, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund in honor of John C. Kirkpatrick (O.D., Optometry, 1972) from his many friends and colleagues. This fund commemorates Dr. Kirkpatrick's life and career.

All gifts are to be invested in the University's permanent endowment fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to award scholarships to Optometry students who have demonstrated (1) a high degree of academic potential, (2) scholastic ability and enthusiasm for learning, and/or (3) financial need. The award recipients shall be selected by the Dean of the College of Optometry program in consultation with the University Committee on Student Financial Aid. Should income from this fund not be awarded in any given year, then the income shall be added to the fund's principal.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donors.

\$15,100

The Ohio State University Rugby Football  
Club Endowment Fund

The Ohio State University Rugby Football Club Endowment Fund was established June 4, 1993, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from friends and alumni of the Club.

All gifts are to be invested in the University's permanent endowment fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

**REPORT ON UNIVERSITY DEVELOPMENT (contd)**

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Endowed Funds (contd)

The Ohio State University Rugby Football  
Club Endowment Fund (contd)

The annual income shall be used to fund the extraordinary activities of the Rugby Football Club, including trips to national and international competition, as approved by the Director of University Recreation and Intramural Sports.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donors.

\$15,000

THE OHIO STATE UNIVERSITY FOUNDATION

Approval of Description and Establishment of Fund

The Chalmers P. Wylie Scholarship Fund  
for Public Service

The Chalmers P. Wylie Scholarship Fund for Public Service was established June 4, 1993, by the Board of Trustees through funds received by the University from The Ohio State University Foundation, which has established an endowed fund with gifts from Congressman Chalmers P. Wylie and friends in the name of his grandchildren, Bryan Wylie, Pamela Poston, and Tamara Poston.

Income provided by the Foundation shall be distributed to the Director of the School of Public Policy and Management in the College of Business to fund scholarships for students in the School of Public Policy and Management. The Director, in consultation with the donor and the University Committee on Student Financial Aid, shall select the recipient(s) of the scholarship(s). Criteria for awards include not only academic achievement but also leadership and commitment to public service.

\$50,000

Change in Description of Establishment Fund

The Professor John C. Burnham Endowment Fund

The Professor John C. Burnham Endowment Fund was established September 2, 1992, by the Board of Trustees through funds received by the University from The Ohio State University Foundation, which has established an endowed fund with gifts from a friend and designated for the support of the Department of History. The description was revised June 4, 1993.

Income provided by the Foundation shall be distributed to University Libraries to be used to acquire materials for the permanent collections of primary concern and interest to the Department of History. Expenditures from this fund shall be approved by the Chairperson of the Department of History.

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## STUDENT AFFAIRS COMMITTEE REPORT

Mr. Francisco:

This morning the Student Affairs Committee met and heard from several sorority and fraternity presidents. I would like at this time to call on David Strauss, Coordinator for Greek Affairs, to address the Board.

Mr. David Strauss:

I want to thank you this morning for asking me to come before the Board. I represent 4,000 students and 68 fraternities and sororities that are part of the Ohio State Greek community. The Ohio State Greek community is one of the largest nationally, and together with Miami of Ohio and the University of Illinois, we are in the Big Three for the size of Greek systems. For the sake of time, I have put together for you a brief overview about the Greek system at Ohio State. We have three governing councils that run the system and they are part of three national councils, which is shown on the first page. Often when people come into my office or they have reports to do, I begin by explaining that there is a national council and then there are local chapters.

The second page of the report talks about what the Greek community has done this year, both system-wide and also as individual chapters in community service. For the Greek Week Blood Drive, over 2,000 units of blood for the American Red Cross was raised. The Greeks are also crucial in the Michigan/OSU Blood Drive that takes place in the fall. We collected over 1 ton of food for the Mid-Ohio Food Bank and had a carnival that over 400 local underprivileged youths attended. This year alone in philanthropy, over \$100,000 has been raised and the numerous types of activities are listed. The Greeks volunteer over 5,000 hours a year, everywhere from working at the OSU Hospitals to cleaning up the highways through an Adopt-A-Highway Program.

Of the Greek-wide programs we did this year, and we will be continuing on for next year, one that we are very excited about is the Adopt-A-School Volunteering Program. We were selected as one of 50 pilot schools to partake in the Adopt-A-School Volunteering Program. We will be doing that with the Indianola School which sits on 17th and Indianola, right in the middle of the Greek community. This program is funded by a Kellogg Foundation Grant that the National Interfraternity Council obtained, so we will be part of that.

We have been doing quite a bit with alcohol awareness. We have had speakers and seminars through our Gamma Chapter, which is Greeks Advocating the Mature Management of Alcohol. Also, our Greek honorary, Order of Omega, has a leadership conference every year. Kate Terrill, Panhellenic President, spoke earlier about the Rape Education Program that goes on throughout the Greek community. We have had an AIDS awareness speaker. The Perfect Party was to talk about how to run a party safely, because that is very much an issue for us. Fall Quarter we are planning on having a Campus of Difference Program with the Anti-Defamation League.

The third page of the report lists some of the issues that we are facing. One of the issues that we talked about earlier this morning was the declining rush numbers. Rush is the time of year when we do membership recruitment. Rush is done in the fall for the men and women of IFC and Panhellenic, and the Black Greek Council begins their recruitment in October. Together with economic issues and enrollment issues, we see the number of people getting involved in Greek life go down. We are

**STUDENT AFFAIRS COMMITTEE REPORT (contd)**

Mr. Strauss: (contd)

looking at countering that by having a Sorority Rush Task Force and also a Rush Symposium for the men to talk about how we can get our numbers and keep them going up.

Legal Liability and Risk Management continues to be an issue for all Greek systems, not only with alcohol risk management, but hazing and date rape issues. We work on a daily basis with these types of issues. One thing Ohio State has taken part in and has produced is a video that went out to over 400 chapters to talk about alcohol education.

The publication before you tells a little bit more about our system. This will go out to all new students this fall to let them know about fraternities and sororities at Ohio State. I also have some extra copies for the Vice Presidents who wish to have a copy. I will just leave them here for you. If there are any questions that you have, I will be glad to help you out. Thank you, Hiawatha.

Mr. Francisco:

Thank you, David. We also met with the Student Government Presidents this morning. I would like to recognize Chris Norman, who is our newly elected Undergraduate Student Government President. One of their concerns was the computing fees for the College of Business and the search for a new Vice President for Student Affairs. Also, he recognized the alcohol problem and they will be starting a new task force to address this problem in the fall.

Karen Duncan, President of the Council for Graduate Students, shared the same view about the computing fees for the College of Business. She also shared the same concerns for the search for Vice President for Student Affairs. I also want to recognize the newly elected Graduate President Frank Chloupek and Vice President Cherie Bayer. That concludes my report.

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**ACADEMIC AFFAIRS COMMITTEE REPORT**

Mr. Kessler:

This morning the Academic Affairs Committee met. We were to have heard a report on decision making at the University by a group of faculty members, but because of the shortage of time we deferred that for a subsequent committee meeting. We might meet before the next Board meeting and if so, we will let the other Board members know so they can attend. I would like to present the following resolutions for your consideration:

**AMENDMENTS TO THE BYLAWS OF THE BOARD OF TRUSTEES AND  
RULES OF THE UNIVERSITY FACULTY**

Resolution No. 93-147

Synopsis: The Academic Affairs Committee recommended the approval of the following amendments to the Bylaws of the Board of Trustees and Rules of the University Faculty.

**AMENDMENTS TO THE BYLAWS OF THE BOARD OF TRUSTEES AND  
RULES OF THE UNIVERSITY FACULTY (contd)**

WHEREAS the University Senate pursuant to rule 3335-1-09 of the Administrative Code is authorized to recommend through the President to the Board of Trustees the adoption of amendments to the Bylaws of the Board of Trustees and Rules of the University Faculty as approved by the University Senate; and

WHEREAS the proposed changes in the Bylaws of the Board of Trustees and Rules of the University Faculty were approved by the University Senate on May 1, 1993:

Amended Bylaw

3335-1-05 University organization.

(A) Unchanged.

(B) Basic educational organization of the university. The basic organization of the educational units of the university shall be departments, divisions, academic faculties, schools, academic centers, colleges, regional campuses, the graduate school, the colleges of the arts and sciences, and the agricultural technical institute.

(C) and (D) Unchanged.

(E) Academic centers; defined. The unit of the university for research, instruction, or related service which crosses department, division, academic faculty, school, or college boundaries is the academic center.

Balance unchanged.

Amended Rules

3335-3-17 Principal administrative officials.

(A) The term "principal administrative official" shall include the members of the president's executive committee, the deans of the colleges and the dean and directors of regional campuses and their designated staffs, the director of the university libraries, chairpersons of academic departments and faculties, and directors of schools and academic centers. The members of the president's executive committee shall identify to the president such other persons in their areas of responsibility who shall be considered principal administrative officials of the university.

Balance unchanged.

Establishment and Organization of Regional Campuses,  
Colleges, Schools, Departments, and Academic Centers

3335-3-25 Organization of the university.

(A) and (B) Unchanged.

(C) The basic organization of the educational units of the university shall be departments, divisions, academic faculties, schools, academic centers, colleges, regional campuses, the graduate school, the colleges of the arts and sciences, and the agricultural technical institute.

**AMENDMENTS TO THE BYLAWS OF THE BOARD OF TRUSTEES AND  
RULES OF THE UNIVERSITY FACULTY (contd)**

Amended Rules (contd)

3335-3-34 Schools, departments, divisions, academic faculties and sections; defined and located.

(A) through (F) Unchanged.

(G) A "section" is an informal unit within a school, department, division, or academic center which is established to expedite the administration of a given academic subject. The function of a section shall be to assist the parent unit in the administration of the subject and to provide an organizational structure for relationship with professional organizations or other individuals with similar interests. The faculty member in charge shall be known as the section head. The head of the section is appointed by the administrator of the parent unit and has responsibilities delegated by the administrator of the parent unit. The formation of a section must be reported to the council on academic affairs.

Balance unchanged.

3335-3-36 Academic centers.

(A) An academic center is a non-degree granting educational unit of the university engaged in research, instruction, or related service which crosses department, division, academic faculty, school, or college boundaries. An academic center is defined by its mission and scope, not its title, and may be described as a center, institute, laboratory, or similar term. Use of "center" or "institute" in the names of proposed units of the university shall be limited to academic centers, unless approved by the council on academic affairs.

(B) Academic centers shall be established or abolished by the board of trustees upon the recommendation of the university senate and the council on academic affairs. Faculties of existing educational units that would commit or receive resources shall be consulted in the creation or abolishment of an academic center. If the academic center has a research or graduate education component, the council on research and graduate studies shall be consulted.

The office of academic affairs shall maintain a register of all academic centers and appropriate records concerning each one.

(C) Reporting lines for academic centers shall be specified by the senior vice president for academic affairs and provost on the recommendation of the council on academic affairs and, where appropriate, the council on research and graduate studies.

An academic center shall be administered by a director who shall be appointed by and report to the dean of the pertinent college or, where there is no single pertinent college, to a dean, governing board of deans, or vice president, as determined by the nature, purposes, and special circumstances of the academic center.

(D) Each academic center shall have an oversight committee nominated by the person or board to whom the director reports and approved by the faculty of the center. The majority of the oversight committee shall consist of regular faculty from the academic units involved in the academic center. The director shall consult regularly with the oversight committee.

**AMENDMENTS TO THE BYLAWS OF THE BOARD OF TRUSTEES AND  
RULES OF THE UNIVERSITY FACULTY (contd)**

Amended Rules (contd)

- (E) Although academic center may not establish independent course offerings and degree programs, they may participate in cooperative programs involving course offerings and degree programs within existing academic units. With the approval of the council on academic affairs, the faculty of a school or college may delegate to an academic center the authority to offer courses or degree programs established under the auspices of that school or college. Proposals for any such courses or programs must be forwarded to the office of academic affairs with the signature approval of the appropriate school or college which must retain ultimate authority and responsibility for the courses or degree programs.
- (F) University faculty and staff may affiliate with an academic center under procedures approved by its oversight committee. Academic centers shall not serve as tenure initiating units.
- (G) The director of each academic center shall develop in conjunction with the oversight committee a pattern of administration for the center.  
  
The director of each academic center shall submit an annual report to the oversight committee; to the dean, governing board of deans, or vice president to whom the director reports; and to the office of academic affairs, as part of the annual budget-review process of the university. The director shall consult with the oversight committee during preparation of the annual report.
- (H) Separate fiscal units shall be established and maintained only for authorized academic centers.
- (I) Every four years the office of academic affairs shall request from the director of an academic center, its oversight committee, and the dean, governing board of deans, or vice president to whom the director reports, recommendations concerning reporting lines, governance, performance and effectiveness, and the continuation of the academic center. (B/T 9/8/61,6/4/93)

Rescind Rule 3335-3-37 Research institutes, establishment and administration.

Rescind Rule 3335-3-38 Director, Mershon center for education in national security.

Rescind Rule 3335-3-39 Center defined.

3335-5-491 Mershon committee on education in national security.

- (A) Unchanged.
- (B) The committee shall function principally in an advisory capacity to the director with respect to the development of a program of education and research in national security which will support and be in harmony with the general educational and research aims of the university. The committee shall be charged with the responsibility of ensuring that the program makes a significant and continuing contribution to the university-wide program for education and research in national security.

Balance unchanged.

NOW THEREFORE

**AMENDMENTS TO THE BYLAWS OF THE BOARD OF TRUSTEES AND  
RULES OF THE UNIVERSITY FACULTY (contd)**

BE IT RESOLVED, That the foregoing amendments to the Bylaws of the Board of Trustees and Rules of the University Faculty be adopted as recommended by the University Senate.

Upon motion of Mr. Kessler, seconded by Mr. Skestos, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**PERSONNEL ACTIONS**

Resolution No. 93-148

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the May 7, 1993 meeting of the Board, including the following Appointment of Chairpersons, Reappointment of Chairpersons and Director, Reappointment of Principal Administrative Officials, Appointment, Leaves of Absence Without Salary, Leave of Absence Without Salary--Change in Dates, Professional Improvement Leaves--Change in Dates, and Emeritus Titles, as detailed in the University Budget be approved and the Medical Staff Appointments/Reappointments (The Ohio State University Hospitals) approved April 22, 1993, by the Hospitals Board be ratified.

Appointment of Chairpersons

May 1, 1993 through September 30, 1997

Management and Human Resources

Stephen L. Mangum

October 1, 1993 through September 30, 1997

History

Michael J. Hogan

Reappointment of Chairpersons and Director

July 1, 1993 through June 30, 1994

Physical Medicine and Rehabilitation

Paul E. Kaplan

July 1, 1993 through June 30, 1997

Division of Hospital and Health Services  
Administration

Physiology

Psychiatry

School of Allied Medical Professions

Stephen F. Loeb

Jackie D. Wood

Henry A. Nasrallah

Stephen L. Wilson

Reappointment of Principal Administrative Officials

JULIUS S. GREENSTEIN, Dean and Director, The Ohio State University Newark Campus, effective July 1, 1993, through June 30, 1994, pursuant to rule 3335-3-17 of the Administrative Code.

DONALD HARRIS, Dean, College of the Arts, effective July 1, 1993, through June 30, 1996, pursuant to rule 3335-3-17 of the Administrative Code.

**PERSONNEL ACTIONS (contd)**

Reappointment of Principal Administrative Officials (contd)

ROBERT M. ARKIN, Associate Dean of Undergraduate Studies, Colleges of the Arts and Sciences, effective July 1, 1993, through June 30, 1997, pursuant to rule 3335-3-17 of the Administrative Code.

Appointment

RIC WANETIK, Administrative Consultant to the President for Cultural Affairs, President's Office, effective immediately, with No Salary.

Leaves of Absence Without Salary

JOHN C. RULE, Professor, Department of History, effective Spring Quarter 1993, to complete major projects.

ROSEMARY BOLIG, Associate Professor, Department of Family Relations and Human Development, effective Autumn Quarter 1993, Winter Quarter and Spring Quarter 1994, to accept a visiting professorship at Mt. Vernon College, Washington, DC.

MARK D. FULLERTON, Associate Professor, Department of History of Art, effective Autumn Quarter 1993 and Winter Quarter 1994, to accept a visiting professorship at Bryn Mawr College, Bryn Mawr, PA.

DAVID GINZBURG, Assistant Professor, Department of Mathematics, effective Autumn Quarter 1993, Winter Quarter and Spring Quarter 1994, to work at Tel-Aviv University, Tel-Aviv, Israel.

GAIL W. YUEN, Instructor, Ohio State University Extension, effective May 1, 1993, through April 30, 1994, for personal reasons.

Leave of Absence Without Salary--Change in Dates

JAMES C. TURNER, JR., Assistant Professor, Department of Mathematics, change leave from Autumn Quarter 1992 and Winter Quarter 1993, to Winter Quarter 1993.

Professional Improvement Leaves--Change in Dates

MICHAEL BRAUNSTEIN, Professor, College of Law, change leave from Autumn Semester 1993 and Spring Semester 1994, to Spring Semester 1994.

BERND FISCHER, Associate Professor, Department of Germanic Languages and Literatures, change leave from Autumn Quarter 1993, Winter Quarter and Spring Quarter 1994, to Winter Quarter, Spring Quarter, and Summer Quarter 1994.

Emeritus Titles

FRANCIS S. WRIGHT, Department of Pediatrics, with the title Professor Emeritus, effective June 1, 1993.

**PERSONNEL ACTIONS (contd)**

Emeritus Titles (contd)

ROBERT J. DURAN, Department of Surgery (Plastic Surgery), with the title Clinical Professor Emeritus, effective June 1, 1993.

Medical Staff Appointments (The Ohio State University Hospitals)

Brown, David A., Attending Staff, Department of Surgery--Division of Thoracic and Cardiovascular Surgery

Dadmehr, Nahid, Courtesy Staff, Department of Neurology

Farooqui, Asim A., Limited Staff, Department of Psychiatry--Division of General Psychiatry

Kosloske, Ann M., Attending Staff, Department of Surgery--Division of Pediatric Surgery

Lambert, David R., Attending Staff, Department of Internal Medicine--Division of Dermatology

Allen, Elizabeth DeFrancis, M.D., Attending Staff, Department of Pediatrics

Beech, Amy Leigh, M.D., Limited Staff, Department of Pediatrics

Bowman, Mary Jo Alice, M.D., Attending Staff, Department of Pediatrics

Gunn, Joseph Donald, M.D., Limited Staff, Department of Pediatrics

Haley, Daniel Thomas, D.P.M., Courtesy Staff, Department of Surgery/Division of Orthopaedic Surgery

O'Dorisio, M. Sue, M.D., Attending Staff, Department of Pediatrics

Ribeiro, Isabela Quilelli Correa Rocha, M.D., Limited Staff, Department of Internal Medicine/Division of General Medicine

Racich, Kathleen Ann, D.O., Limited Staff, Department of Psychiatry/Division of General Psychiatry

Wallenbrock, Angela B., M.D., Attending Staff, Department of Psychiatry/Division of Child Psychiatry

Whitcomb, Michael Edward, M.D., Attending Staff, Department of Internal Medicine/Division of General Medicine

Medical Staff Reappointments (1992-1994) (The Ohio State University Hospitals)

Nag, Subir, Attending Staff, Department of Radiology--Division of Radiation Oncology

Wise, Gary, Courtesy Staff, Department of Neurology

Ruff, Michael E., M.D., Courtesy Staff, Department of Surgery/Division of Orthopaedic Surgery

Szames, Steven E., M. D., Courtesy Staff, Department of Surgery/Division of Orthopaedic Surgery

Upon motion of Mr. Kessler, seconded by Mr. Skestos, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**RESOLUTIONS IN MEMORIAM**

Resolution No. 93-149

Synopsis: The Academic Affairs Committee recommended the approval of three Resolutions in Memoriam.

RESOLVED, That the Board adopt the following Resolutions in Memoriam and that the President be requested to convey a copy to the families of the deceased.

### **RESOLUTIONS IN MEMORIAM (contd)**

Paul S. Fancher

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on April 1, 1993, of Paul S. Fancher, M.D., Professor Emeritus in the Department of Internal Medicine.

Paul S. Fancher, M.D., was born on October 15, 1903, in Huron County, Ohio. He attended Ohio Wesleyan University and graduated in 1925 with an A.B. degree. In 1930 he graduated from The Ohio State University College of Medicine with an M.D. degree. His postgraduate training was completed at Fort Sam Houston, Texas, the Army of Medical School in Washington D.C., the Mayo Clinic and at a number of other institutions including Walter Reed Army Hospital.

Over the course of his active career, Dr. Fancher held a number of major administrative and academic roles, most of which were at prestigious military hospitals throughout the U.S. In the early 1930's, he served as Chief of the Contagious Disease Service at Fort Sam Houston Hospital, and he later served in the Internal Medicine service at Walter Reed Army Hospital where he was later placed in charge of the Allergy Service in that hospital. He then served at Tripler Army Hospital in Hawaii, again focusing on internal medicine. He held this post until 1939 when he was transferred to Fort Hayes Hospital in Columbus, Ohio. Subsequently, Dr. Fancher also served at Percy Jones Army Hospital in Michigan and again at Walter Reed Hospital in Washington D.C. Until 1958, Dr. Fancher served as Commanding Officer at Letterman Army Hospital in San Francisco, California, and he retired from the post in 1958 holding the rank of Brigadier General. In 1958 Dr. Fancher returned to Ohio and was appointed Director of the University Health Service and Professor of Preventive Medicine in the College of Medicine.

Dr. Fancher served his country ably during World War II, as well as in the early 1950s when he was stationed in Korea as a medical consultant. Among his many honors were the Legion of Merit with two Oak Leaf Clusters, the Bronze Star, the Medale de Honour (presented in France).

He was a member of the American Medical Association, the American College of Physicians (Fellow), and Association of Military Surgeons, and the Columbus Society of Internal Medicine. He was a Diplomate of the American Board of Internal Medicine.

Dr. Fancher was the author of a number of articles on thyrotoxicosis, hyperthyroidism, coronary disease, sarcoidosis and others.

His many contributions as a military physician, as well as a practicing physician in Ohio have earned him the deep respect of many colleagues and friends throughout the country.

On behalf of the University community, the Board of Trustees expresses its sympathy and understanding to Dr. Fancher's family. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Wolfgang Fleischhauer

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on March 17, 1993, of Wolfgang Fleischhauer, Professor Emeritus in the Department of Germanic Languages and Literatures.

Professor Fleischhauer was born in 1910 in Kassel, Germany, where he received his early education. After graduating from the Friedrich-Wilhelm Gymnasium in Cologne in 1929, he continued his studies at the University of Cologne. In 1932-33 he was a Teaching Assistant in the German Department at The Ohio State University. Having returned to Cologne, he earned his Ph.D. there in 1936. That

## **RESOLUTIONS IN MEMORIAM (contd)**

### Wolfgang Fleischhauer (contd)

same year, he crossed the Atlantic once more to join the faculty of the Department of German at The Ohio State University as Instructor. He was promoted to Assistant Professor in 1946, to Associate Professor in 1948, and to Professor in 1956. In the Spring of 1957 he was Visiting Professor at the University of Chicago. He retired in 1976, having served Ohio State for 40 years.

Throughout his long and distinguished career, Professor Fleischhauer focused his attention on Germanic linguistics. Enthusiasm for Philology led him to write a series of articles and reviews; reverence for his teacher, Hans Sperber, inspired him to compose several tributes to the master and to re-edit his History of the German Language. The way in which words changed and expanded in meaning or wandered from language to language and from country to country never ceased to fascinate him. Over the years he became a familiar sight in the German-speaking Amish settlements in northern, Ohio, where he conducted his fieldwork. Even during his retirement he continued working on the history of German immigrants by culling, transcribing, and translating documents for the Ohio Historical Society.

Wolf Fleischhauer will long be remembered as a man of enormous personal charm, as respected for his humane learning as he was beloved for his unaffected modesty. Dedicated to students and colleagues alike, he was a true friend to all who were privileged to study and work with him.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding on their loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Ralph H. Grimshaw

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on March 8, 1993, of Ralph H. Grimshaw, Professor Emeritus in the Department of Animal Science.

Ralph Grimshaw was born July 4, 1908, in Lucasville, Scioto County, Ohio. He received his high school diploma from Menford High School on his native county and graduated from The Ohio State University in 1931. He was granted a State Life Teaching Certificate by the Public Schools of Ohio in 1934. Graduate work was pursued in both Ohio and Michigan and he received his M.S. degree from Michigan State University in 1959.

His professional career began as a Vocational Agriculture Teacher and he remained in this profession for twelve years serving at the Mowrystown and at the Thornville Public Schools. In 1943, he accepted the position of fieldman, manager and lamb grader with the Cincinnati Livestock Producers Marketing Association serving both the Hillsboro and Wilmington markets. In 1947, Mr. Grimshaw was appointed County Agriculture Extension Agent for Clinton County where he served until 1952 when he was selected to be the State Sheep Extension Specialist at The Ohio State University. He retired from this service in December 1978.

Professor Grimshaw was a true educator who never ceased to learn himself. He exhibited a genuine interest in virtually everything that he saw or heard. A tireless, innovative, productive worker, he possessed a unique organizing ability. A recognized leader at every level of the American Sheep Industry, he was a master at developing cooperation between educational, research and commercial interests and coordinated these activities in an extremely effective manner.

Though he never sought recognition for his efforts, he was the recipient of countless honors bestowed upon him by his peers in the United States livestock industry. A few of his recognitions

**RESOLUTIONS IN MEMORIAM (contd)**

Ralph H. Grimshaw (contd)

include being the first recipient of the Silver Ram Award by the American Sheep Producers Council, the Extension Award by the American Society of Animal Science, Extension Award of Merit by the Ohio Chapter of Gamma Sigma Delta, inductee in the Ohio State Fair Hall of Fame, and his portrait was recently hung in the Ohio Agriculture Hall of Fame.

On behalf of the University community, the Board of Trustees expresses its sympathy and understanding to his family and friends. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Upon motion of Mr. Kessler, seconded by Mr. Skestos, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**FISCAL AFFAIRS COMMITTEE MEETING**

Mr. Skestos:

The Fiscal Affairs Committee is meeting as a committee of the whole this morning and we have many important issues to address. Without further adieu, I would like to call on Bill Shkurti to discuss with us first the comparative indicators on our financial resources.

**REPORT ON COMPARATIVE INDICATORS ON  
FINANCIAL RESOURCES**

Mr. Shkurti:

These comparative indicators are something we do every year at this time, as we get prepared to discuss and debate the budget. We compare where Ohio State ranks with the rest of the public Big Ten, excluding Northwestern, on a couple of financial indicators. Let me walk through those very quickly.

On the second page under the tab that talks about annual resident undergraduate fees for Ohio State and the other Big Ten public institutions, you will see that Ohio State has an average fee of \$2,799. This ranks about 14 percent below average for the rest of the public Big Ten. If we look on the next page on how this has changed over time, you will see that our resident undergraduate tuition has remained relatively stable in that period. Our non-resident undergraduate tuition has increased slightly, although still below average, and our non-resident graduate tuition is now the second highest in the public Big Ten.

The next comparison shows where Ohio State's tuition stands compared to other public assisted universities in the State of Ohio. When you think of us as the most comprehensive institution in the State, I would argue that we are also the flagship institution. It is interesting to notice that our tuition compared to other state institutions is tenth out of 13 and in fact has not grown much over the last five years compared to the others. The other thing that I think is important to mention is the State of Ohio tends to be a relatively high tuition, low state support state compared to other states. That needs to be taken into account in terms of comparing these figures as well.

**REPORT ON COMPARATIVE INDICATORS ON  
FINANCIAL RESOURCES (contd)**

Mr. Shkurti: (contd)

The next chart compares our expenditures per student with the other public Big Ten. Again, it shows that we are slightly below the average at \$11,127, 7 percent below the weighted average. Our tuition rates are slightly below average and our expenditures per student rates slightly below average as well. You can see from the chart that there is one very big spender in that list of ten -- the University of Michigan. The University of Michigan is at a relatively high level, but I would argue the quality of what is offered there is not as high in proportion as the expense. Before I go on to the next set of charts, Mr. Chairman, I will stop to see if there are any questions from any members of the Board about this particular display of information.

(See Appendix LXIV for charts, page 905.)

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**BRIEFING ON ISSUES FOR FY 1994 BUDGET**

Mr. Shkurti:

The items that are in the Board books have been publicly distributed to the Board and to the campus over the last two weeks. I will not go over them in detail other than to emphasize the \$25 million problem we are discussing is a projection for next fiscal year. For Fiscal Year 1993 our budget will come in on target and on balance, although narrowly, so that this is a projection into the next year and is something we will be dealing with over the next month or two.

At the end of the tab, there is a time table that says what happens next. I want to make sure that I have expressed at least what our time line is so the Board members and the public are comfortable with what we are doing. We have already begun consultations with the deans, faculty, Senate Fiscal Committee, and Staff Advisory Committee in the month of June about what we might do. Hopefully, if everything goes well we will have a new State budget after the old one expires on June 30, and there is some optimism that we will have it before then. That will tell us a lot about both what our tuition and State support will be, so it will allow us to finalize our figures. We hope to come back then to the Board at the July 9 meeting with some overall parameters about how we propose to get our revenue and spending in balance for Fiscal Year 1994.

The deans have requested -- and with your support -- that we give them more time than we traditionally would at this stage of the process because of the necessity to deal with this \$25 million gap. So the reduction plans for specific units will be due back to the Provost and to the Office of Finance on August 2. We will then come back with phase 2 of the budget plan to the Board at its September meeting. Phase 2 will involve the specific recommendations as to the level of reallocations for each specific unit. There will be a two-step process that is somewhat different than what we have done before over the last three years. Our budget process has been different every year because our challenges have become different and more challenging every year. We think that we have struck the proper balance between moving forward with consultations in a deliberate way and also getting the problem resolved as soon as possible.

**BRIEFING ON ISSUES FOR FY 1994 BUDGET (contd)**

Mr. Shkurti: (contd)

The other point is one of the things the President has stressed for quite some time -- and I know the Board has been supportive of -- is for the University to plan on a longer horizon. One of the things we are doing this year is we are planning on a two-year cycle, so we will also begin planning for Fiscal Year 1995 even before we have Fiscal Year 1994 wrapped up. That means we will be trying to ride two horses at the same time, with the obvious challenges that that can produce. I think it is something important that we need to do as part of building on our academic planning process so that we look at a longer horizon.

The only other thing I would add is that there is a resolution here that provides for an interim budget. As you know the current budget expires on June 30 and we will not be meeting with the Board again until July 9. It would ease my state of mind and I suspect 30,000 other people who depend on University paychecks, if the Board would see fit to pass an interim budget resolution so we have the authority to function between June 30 and July 8.

**INTERIM BUDGET**

Resolution No. 93-150

Synopsis: The authorization to make expenditures in 1993-94 is proposed.

WHEREAS the University has identified an operating shortfall for the next fiscal year and the levels of State financial support for 1993-94 have not yet been established; and

WHEREAS it is necessary to defer decisions concerning salary levels, fee levels, and other University expenditures until State subsidy support has been determined in an appropriations bill and distributed by the Board of Regents; and

WHEREAS it is necessary to continue University expenditures, including payment of faculty and staff, prior to the time that a Current Funds Budget for 1993-94 is developed and adopted;

NOW THEREFORE

BE IT RESOLVED, That the University be authorized to make expenditures consistent with the level of resources contained in the Mid Year Report of Fiscal Year 1992-93 pending the adoption of the Current Funds Budget for 1993-94; and

BE IT FURTHER RESOLVED, That at the regularly scheduled meeting of the Board of Trustees, following the passage of the state budget and projected distribution of subsidy from the Board of Regents, the President will present the Administration's recommendation for the Current Funds Budget for 1993-94.

Upon motion of Mr. Skestos, seconded by Mr. Kessler, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appenxi LXV for background information, page 911.)

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**REPORT ON THE IMPLEMENTATION OF THE FY 1993  
\$7.5 MILLION BUDGET REDUCTION PLAN**

Mr. Shkurti:

The next tab deals with the lingering \$7.5 million problem from last July. We have talked about this quite a bit at Board meetings and I am sure everyone is as weary of hearing about this as I am. Fortunately, we are close to getting it wrapped up and since we have talked about it I will not go over it in length. A resolution is not required because one has been passed already, but this is kind of a final report on how we hope to keep these savings on a continuing basis. The only real changes are summarized in the memo. We have divided the proposals because some of the things we are doing are somewhat experimental. We want to make sure we are balancing trying new things with financial responsibilities, so we have shown what the likelihood is of various savings.

At the February meeting we indicated that we would need a trigger reduction. A reduction in the annual rate of 1.2 percent is what we are recommending on the administrative budgets of the academic support units and the administrative portions of the college budgets. That means we are protecting the core instructional units or academic departments from this particular round of reallocations as we promised.

The third point is that we are being more indefinite about savings on the PERS deductions from student paychecks because we are still unsure about how the IRS will end up treating this issue. Mr. Chairman, that completes my presentation regarding the \$7.5 million.

Mr. Skestos:

Any questions for Mr. Shkurti? Thank you.

(See Appendix LXVI for background information and chart, page 921.)

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**HEALTH INSURANCE RATES FOR FACULTY AND STAFF**

Ms. Tom:

We wanted to just take this opportunity to review with the Board the new premium increases for our medical insurance for Fiscal Year 1994. The premiums for two of our plans, the OSU Health Plan and Traditional Plan, which require contributions from employees will increase. These increases are to cover projected costs and funding for medical services for the coming year. These two plans offer three levels of coverage: single, two-person, and family. And the premium increase amounts for these three levels respectively are: \$5.00 a month for the individual; \$10.00 a month for the two-person plan; and \$15.50 a month for the family plan. This translates to \$60.00 a year for individual coverage, \$120.00 a year for the two-person coverage, and \$190.00 a year for the family coverage.

We also will be offering a new lower cost plan called University Prime Care. This is what we call an exclusive provider plan and that restricts the participants to the OSU Hospitals' network services. Employees can elect to enroll in this plan and the premium savings will be about 40 percent below the OSU Health Plan and the

**HEALTH INSURANCE RATES FOR FACULTY AND STAFF (contd)**

Ms. Tom: (contd)

Traditional Plan. The Buckeye Plan, which is non-contributory, will have no increase and that is available for employees to move into.

We recognize that the cost of health insurance is a major issue not only at OSU but nationally. We are concerned and this remains a priority. We feel that we have made very good progress in terms of cost containment efforts, and we have had very good support from the OSU Hospitals and our medical professionals there. We will continue in our efforts.

Just this year we made two changes that have been significant in terms of savings. We moved to a single administrator for our claims processing, which we project will save us \$1.3 million a year. The offering of this new exclusive provider plan we project will save us \$1 million dollars a year. So we will continue in these efforts. Very shortly, I will be appointing a committee that will involve University professionals, faculty, and staff to really help us look at developing a long-term comprehensive strategic plan for cost containment at the University.

Mr. Skestos:

Ms. Tom, I notice that we are looking at about a \$4 million increase in health insurance costs this coming year. Isn't that what we have budgeted in there? Is this going to continue or will these costs reduction methods bring that figure down, so that we won't be looking at an increment similar to that each year?

Ms. Tom:

I think the increases will probably continue because of inflation, but we would hope that we can control the rate of increases and hopefully see some downward spiral.

Mr. Skestos:

So those two -- the million dollar cut and the \$1.3 million cut -- are not necessarily all going to come into place in the next fiscal period. But we hope to have them in place over a period of time that they will then kick in so we will not have the same increase that we have been talking about.

Ms. Tom:

We are hopeful that the impacts will be continual in terms of the reductions that we make in the plan design this year, and then we will be putting in some additional cost containment efforts. Hopefully the levels will continue to go up just because of inflation, but hopefully not as much as we have seen in previous years.

Mr. Skestos:

Any other questions?

Dr. Gee:

The whole health care cost issue is an enormously important one to get our arms around. We note that if we go to the University Prime Care there is a 40 percent savings. Linda and I talked yesterday about the fact that she is going to put

### **HEALTH INSURANCE RATES FOR FACULTY AND STAFF (contd)**

Dr. Gee: (contd)

together another group to really take a look at how we can squeeze these costs, in addition to the squeezing that we are doing now.

The reason I point out the University Prime Care is that I am becoming increasingly convinced that hopefully we can move to a position -- we just heard that we happen to have one of the greatest hospitals in the country. We happen to have one of the finest medical schools in the country. I think that we are now going to have to convince people that they will need to give up the convenience of having the neighborhood doctor and move to being more involved as the University family is with these issues.

The difference in those health care costs are substantial and the opportunity for us to have major cost savings are clearly there. I believe we are going to have to address that issue.

Mr. Skestos:

I might add that I have done that already with my companies and have met with no opposition. They are very happy with the move to OSU.

President Gee:

You really are Scarlett and Gray, aren't you?

Mr. Skestos:

It was financially beneficial.

(See Appendix LXVII for background and chart, page 925.)

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### **ISSUES INVOLVED IN FY 1995-96 CAPITAL REQUEST**

Mr. Shkurti:

We are about at that time of year where we also have to request to the State of Ohio what we would like from them in the way of capital expenditures for next year. We will be bringing forth to the Board at the next meeting a specific request. In anticipation of that, I thought it would be valuable to share with you some of the issues that we face in the next capital budget.

We have talked about some of the constraints that we face in the operating budget. The same thing is happening in the capital budget, which is business as usual and is leading to a situation where our needs are a lot greater than what the State's ability is to support us. We either have to raise the bridge or lower the water, or a little bit of both, and that is in part what this memorandum from Dave Marsh, Assistant Vice President for the Office of Campus Planning, lays out. I will not go into detail, but I think the fundamental point that Mr. Marsh points out is that we feel our legitimate needs in the terms of State capital support for the next capital biennium are in the neighborhood of \$100 million. The history of what the State has given us in the last Capital Bill is more in the range of \$60 million. In some

**ISSUES INVOLVED IN FY 1995-96 CAPITAL REQUEST (contd)**

Mr. Shkurti: (contd)

cases we have gotten it up to \$88 million, but that was rather unusual. So we do have an issue of making some very difficult choices and also trying to get more support from the State.

The other point is that we have an important problem regarding deferred maintenance at this campus and the estimate of the backlog is really mind boggling - - \$268.7 million. We do not propose that this can be addressed overnight, because the problem did not occur overnight, but it does need to be addressed. There are some proposals there that we will be considering as we look at the budget.

I have also put in for your own reference a copy of what happened in the last Capital Bill, House Bill 904. The interesting thing about that is it shows you what we requested, what the Board of Regents recommended, and then what the Legislature gave us in House Bill 904. What you will find is that many times we request something and we do in fact receive it, for which we are very grateful. There are other times that we request something and we receive something, but it is less than what we requested and we understand how that works. Sometimes we request things and we do not receive anything at all, and that is part of the process. Sometimes we receive things we do not request and that is also part of the process. It is also part of the challenge of what we are dealing with.

The final item is a new item that I thought was important to share with you. The Board of Regents issued on May 19 their detailed guidance for the next capital plan.

It was an 8-page document written in the typical, technical style and if anyone wants to read that in detail, I would be glad to share it with you. I did take the liberty -- which is always a dangerous thing to do -- of excerpting from that document and highlighting what I thought were the most important elements of what the Regents were saying. I think it is important that we focus on that for just a minute.

The first item regarding planning assumptions indicates that the Board of Regents, who will be the first people to review our request, feel that the next capital bill is likely to be smaller than the one that just passed. The one that just passed was the one that gave us \$60 million, so they may be saying in their way that they will have one smaller. Now what they say and what the Governor does and what the Legislature does may or may not be the same thing, but I think it is important to keep that in mind.

They are also saying one of their criteria is to show us that the projects that you do need are so urgent that they cannot be deferred for another 2 years, which is point number 2. So in other words, the tradition in the past where when you get planning money in a capital bill you always get the money to complete the project and significantly move forward the next year may not be true in this next biennium -- at least in the eyes of the Board of Regents.

The next item deals with funding criteria and they talk about the twin test of importance and urgency, which is consistent with what they have said before. The fourth item is, and actually this is one we support, one of their priorities in what they call infrastructure issues. This is what we would call deferred maintenance and rehabilitation and renovation of existing facilities. They also indicate that undergraduate instruction space would be a priority, which is something we would

**ISSUES INVOLVED IN FY 1995-96 CAPITAL REQUEST (contd)**

Mr. Shkurti: (contd)

support. We also need to point out to the Board of Regents that a part of our mission is graduate instruction and research, which also contributes to the State of Ohio.

Then, and this is an important point, they want to discourage projects which will result in bigger buildings that have higher operating costs. We need to figure that into our planning as well. And finally there is a time line.

As I indicated, we will be back to you with specific proposals at the next Board meeting, but I wanted to give you a sense of the context or the lay of the land that we will be dealing with. I would also like to give my colleague, Vice President Pichette, a chance to add anything to the issue of deferred maintenance. Janet --

Ms. Pichette:

Thank you, Bill. I think the chart speaks for itself in where we are in deferred maintenance needs. We are not as bad as many universities, but we are far from having a campus that we can be proud of -- that every building is up to code or that every building is accessible or that every building has the appearance that we want for visitors, staff, and students.

We fall about \$9 million short every year and are getting farther behind in deferred maintenance. It is important that we look at the renovation needs and when we do renovations that the roofs, windows, and heating ventilation/air-conditioning systems are the first items addressed. Many times in the past we have put \$2 million into a building and not taken care of those basic things. Then when it rains and you have damage done to a new interior, people wonder why. We are coordinating better and are doing building audits. We have completed about 40 or 50 percent of the building audits that detail every need of every building on campus. What is a concern at the same time is that we have competing needs, such as the College of Business, which is a very important project. This will be a new building coming at the same time with all these deferred maintenance needs. So it is a challenge, we want to make sure the Board is aware of the challenge, and the difficult decisions that must be made in the near future. Thank you.

Mr. Skestos:

Any questions for Bill or Janet?

(See Appendix LXVIII for background information, page 929.)

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Ms. Pichette:

The next resolution will authorize us to proceed with two projects at University Hospitals: replacing the roof on Rhodes Hall and the first phase of the Radiology Department renovation on the second floor of Rhodes and Doan Halls. Both of these projects are funded by the Hospitals and have been reviewed by the Hospitals Board. We seek your approval to hire a design professional and request construction bids for these projects.

June 4, 1993 meeting, Board of Trustees

Mr. Kessler:

How old is the roof?

Ms. Pichette:

The Rhodes Hall roof?

Mr. Kessler:

Yes.

Mr. Fraley:

I believe it was built in 1977.

Ms. Casto:

That is not very old.

Mr. Kessler:

Shouldn't it last longer than that?

Mr. Skestos:

It depends on what the roof was constructed of -- if it was slate or wood it should last longer. If the roof was constructed of some kind of a composition -- asphalt or fiberglass -- it would not last as long.

Ms. Jill Morelli:

It is a built-up roof which has had successive renovations inside that have caused successive penetrations through the roof. This now leads us to a position where that warranty was voided as soon as we went through the roof the first time. As a consequence -- a 15-year old roof is certainly reaching perhaps the early stages of decomposition -- it is time to replace the roof now.

Mr. Skestos:

Any other questions?

Ms. Pichette:

That was Jill Morelli, University Architect, who gave you that bit of information. Thank you, Jill.

**EMPLOYMENT OF ARCHITECTS/ENGINEERS AND  
REQUEST FOR CONSTRUCTION BIDS**

Resolution No. 93-151

**RHODES HALL ROOF REPLACEMENT  
RADIOLOGY DEPARTMENT RENOVATION - 2ND FLOOR DOAN/RHODES HALLS**

Synopsis: Employment of architects/engineers and request for construction bids for the listed projects is proposed.

**EMPLOYMENT OF ARCHITECTS/ENGINEERS AND  
REQUEST FOR CONSTRUCTION BIDS (contd)**

**RHODES HALL ROOF REPLACEMENT  
RADIOLOGY DEPARTMENT RENOVATION - 2ND FLOOR DOAN/RHODES HALLS (contd)**

WHEREAS University Hospitals desires to repair and replace the entire Rhodes Hall roof system except for the auditorium area; and

WHEREAS the total estimated project cost is \$475,000.00, and the total estimated construction cost is \$400,000.00, with funding provided from University Hospitals; and

WHEREAS University Hospitals desires to proceed with phase one of a three-phase program to renovate diagnostic support service areas to expand the Radiology Film File Room to accommodate new moveable filing systems, office, and mailing functions; provide office functions for Ultrasound, CT, and Mammography; and consolidate diagnostic file reading functions; and

WHEREAS the total estimated project cost for this first phase is \$750,000.00, and the total estimated construction cost for this phase is \$615,000.00, with funding provided from University Hospitals:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to select qualified architectural/engineering firms as necessary for these projects and that the fees for these services be negotiated between the firms selected and The Ohio State University; and

BE IT FURTHER RESOLVED, That the President and/or Vice President for Business and Administration be authorized to request construction bids on this project in accordance with established University procedures, and if satisfactory bids are received, to award contracts, with all actions to be reported to this Board at the appropriate time.

Upon motion of Mr. Skestos, seconded by Mr. Shumate, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**EASEMENT**

Resolution No. 93-152

**OHIO BELL TELEPHONE COMPANY  
UNIVERSITY AIRPORT**

Synopsis: An easement for the installation of underground telephone conduit on property located at the University Airport is proposed.

WHEREAS the Ohio Bell Telephone Company has requested the granting of a 15-year easement consisting of a strip of land approximately 15 feet in width and approximately 6,600 feet in length for installation of underground telephone conduit on the north side of Case Road from Sawmill Road to a point south of the FAA Tower and then north into the Tower located at the University Airport; and

WHEREAS the underground telephone conduit will provide service between Port Columbus International Airport and the FAA Tower at Don Scott Field; and

**EASEMENT (contd)**

**OHIO BELL TELEPHONE COMPANY  
UNIVERSITY AIRPORT (contd)**

WHEREAS the Ohio Bell Telephone Company will install a 4-inch underground conduit for the University's exclusive use; and

WHEREAS the appropriate University offices have recommended the approval of this easement:

NOW THEREFORE

BE IT RESOLVED, That the Vice President for Business and Administration be authorized to request the Deputy Director of Public Works of the Department of Administrative Services, pursuant to his statutory duties, to act for and on behalf of the University in developing the necessary legal instruments to provide for this easement.

Upon motion of Mr. Skestos, seconded by Mr. Kessler, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**REPORT - UNIVERSITY'S ENDOWMENT FUND**

Resolution No. 93-153

RESOLVED, That the report on the University's Endowment Fund, dated May 21, 1993, as submitted to the Investments Committee of the Board of Trustees, be received and filed with the official records of the Board.

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Thereupon the Board adjourned to meet Friday, July 9, 1993, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio.

Attest:

Madison H. Scott  
Secretary

Deborah E. Casto  
Chairman