

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

COLUMBUS

July 1, 1983 to June 30, 1984

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1983/84

1983-1984

THE OHIO STATE UNIVERSITY

Edward H. Jennings, President

BOARD OF TRUSTEES

	Term Beginning	Term Expiring
John D. Jacob, Columbus	May 14, 1975	May 13, 1984
D. James Hilliker, Bellefontaine	May 14, 1976	May 13, 1985
John F. Havens, Delaware	May 14, 1977	May 13, 1986
Daniel M. Galbreath, Columbus	May 14, 1978	May 13, 1987
Edmund C. Redman, Columbus	May 14, 1979	May 13, 1988
Leonard J. Immke, Columbus	May 14, 1980	May 13, 1989
John W. Berry, Dayton	May 14, 1981	May 13, 1990
Shirley D. 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

OFFICERS

John D. Jacob, Chairman
D. James Hilliker, Vice Chairman
Madison H. Scott, Secretary
James Lee Nichols, Treasurer

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THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND ONE HUNDRED AND NINETY-FIRST MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, July 8, 1983

The Board of Trustees met at its regular monthly meeting on Friday, July 8, 1983, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: John D. Jacob, Chairman, D. James Hilliker, John F. Havens, Daniel M. Galbreath, Edmund C. Redman, Leonard J. Immke, John W. Berry, Shirley D. Bowser, and Hamilton J. Teaford.

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Minutes of the last meeting were approved.

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July 8, 1983 meeting, Board of Trustees

The Chairman, Dr. Jacob, called the meeting of the Board of Trustees to order at 12:00 noon. 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: John D. Jacob, Chairman, D. James Hilliker, John F. Havens, Daniel M. Galbreath, Edmund C. Redman, Leonard J. Immke, John W. Berry, Shirley D. Bowser, and Hamilton J. Teaford.

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Dr. Jacob reconvened the meeting at 1:30 p.m.

EMPLOYMENT OF ARCHITECT
UNIVERSITY VISUAL ARTS CENTER

Resolution No. 84-1

President Jennings called on Vice President Jackson and Dean Andrew J. Broekema to present and ask for approval of a resolution regarding the Visual Arts Center. Mr. Jackson introduced to the Board the following resolution seeking authorization to employ an architectural team to provide the design for the University Visual Arts Center.

Dean Broekema made the following statement:

I would like to express my appreciation to the members of the Board for the time that you gave to us in allowing us to present the design solutions. And I think at this point that in recognizing that we are at the very beginning of the planning process that we feel very confident that the way that the architectural firms have addressed the problem and the program of the building has indeed been an amazing one. But we also recognize that in the course of the planning that will be going on from here on in that there will be changes addressed and we are confident that we will be able to address the concerns that have been already stated, and we also believe that having worked with these--this team thus far, that we have a very good promise for an excellent future in coming up with a building, I think, that is going to be spectacular, and will address a number of the issues that we have already raised. I would like to thank you for your time; I appreciate the opportunity to do some boasting and to share some of our enthusiasm with you. And I thank you very much.

Synopsis: Authorization to employ an architectural firm to provide the design for a University Visual Arts Center is requested.

WHEREAS there is a critical need for a facility to house The Ohio State University's outstanding art collections, to provide workshop and research space for the visual arts, and to serve as a focal point for individual and collective creative expression in all the visual arts; and

July 8, 1983 meeting, Board of Trustees

EMPLOYMENT OF ARCHITECT
UNIVERSITY VISUAL ARTS CENTER (contd)

WHEREAS funds for construction of the Visual Arts Center will be provided from contributions to The Ohio State University Development Fund and the estimated total project cost is \$15 million; and

WHEREAS to ensure the selection of a design for the University Visual Arts Center that will be distinctive, creative, and expressive of the arts, this Board, on November 5, 1982, authorized a design competition whereby architectural firms would be invited to submit competitive designs, to be judged by a select jury appointed by the President; and

WHEREAS the design competition was conducted on May 28-30, 1983, and the select jury unanimously recommended to the President that the design submitted by the architectural team of Trott and Bean, Architects and Eisenman/Robertson, Architects be selected as the design for the Visual Arts Center; and

WHEREAS the President concurs in the jury's selection and recommends that this design be selected for the Visual Arts Center:

NOW THEREFORE

BE IT RESOLVED, That the design submitted by the architectural team of Trott and Bean, Architects and Eisenman/Robertson, Architects is hereby selected for the University Visual Arts Center and that the President and/or Vice President for Business and Finance be authorized to employ Trott and Bean, Architects and Eisenman/Robertson, Architects to provide complete architectural design services for this project, based on an estimated total project cost of \$15 million.

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

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AMENDMENT TO RULES OF THE UNIVERSITY FACULTY
Resolution No. 84-2

Synopsis: Amendment to rule 3335-5-57 is being proposed.

WHEREAS the University Senate pursuant to rule 3335-5-57 of the Administrative Code is authorized to recommend through the President to the Board of Trustees the adoption of an amendment to Rules of the University Faculty as approved by the University Senate; and

WHEREAS the amendment to rule 3335-5-57 of Rules of the University Faculty was approved by the University Senate on June 4, 1983, as follows:

July 8, 1983 meeting, Board of Trustees

AMENDMENT TO RULES OF THE UNIVERSITY FACULTY (contd)

AMENDED RULE

3335-5-57 Committee on honorary degrees.

- (D) The vice president for academic affairs and provost, or designee, shall serve as liaison between this committee and the president.

NOW THEREFORE

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

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

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ESTABLISHMENT OF COLLEGE OF NURSING

Resolution No. 84-3

Synopsis: Recommendation to change School of Nursing to College of Nursing is being proposed.

WHEREAS the Council on Academic Affairs has reviewed and approved a proposal that the School of Nursing be accorded College status; and

WHEREAS the College of Medicine and the Office of the Vice President for Health Services also endorse and support this proposal; and

WHEREAS Nursing as a distinct academic discipline is recognized in the vast majority of U. S. universities in that colleges of nursing have already been established; and

WHEREAS College status would allow Nursing to set its own goals, direction and future; and

WHEREAS the Council on Academic Affairs believes that this proposal will enable Nursing to recruit and retain highly qualified faculty and students; and

WHEREAS with College status the research, teaching and public service mission of the faculty can be significantly enhanced; and

WHEREAS the internal review of the School is near completion and will provide the basis for negotiation of resources:

July 8, 1983 meeting, Board of Trustees

ESTABLISHMENT OF COLLEGE OF NURSING (contd)

NOW THEREFORE

BE IT RESOLVED, That the Board of Trustees approve the action of the University Senate to change the School of Nursing to College of Nursing which was recommended at the June 4, 1983 meeting; and

BE IT FURTHER RESOLVED, That this change will be effective immediately.

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

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AMENDMENT OF BYLAWS AND RULES TO INCLUDE NEW COLLEGES
Resolution No. 84-4

Synopsis: Amendment of the Bylaws of the Board of Trustees and Rules of the University Faculty is proposed to reflect the establishment of the College of Home Economics and the College of Nursing.

WHEREAS at the June 9, 1983 meeting, this Board approved the change of the School of Home Economics to the College of Home Economics; and

WHEREAS in an action before this Board today, the School of Nursing is being changed to the College of Nursing;

NOW THEREFORE

BE IT RESOLVED, That the Secretary of the Board of Trustees be authorized and directed to make appropriate revisions in the Bylaws of the Board of Trustees, the Rules of the University Faculty, and any other official University publications and documents to reflect the aforementioned changes in status of these two academic units, and that these revisions be effective immediately.

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

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REVISION OF TITLE DESIGNATION FOR
STUDENT AFFAIRS ADMINISTRATION
Resolution No. 84-5

Synopsis: Amendment of the Bylaws of the Board of Trustees and Rules of the University Faculty to reflect the title change of the administrative head of the Office of Student Affairs is proposed.

July 8, 1983 meeting, Board of Trustees

**REVISION OF TITLE DESIGNATION FOR
STUDENT AFFAIRS ADMINISTRATION (contd)**

WHEREAS there is an administrative area within the Office of Academic Affairs and Provost which is responsible for the non-instructional activities and facilities of the students of the University; and

WHEREAS the duties and responsibilities of the administrative head of that area generally shall be the administration of the student services of the University; and

WHEREAS given the realignment of functions and reporting relationships within the Office of Academic Affairs, it has been determined that in order to facilitate these changes the title of Executive Associate Vice President for Academic Affairs (Student Services) should be eliminated, and the title Vice Provost for Student Affairs established:

NOW THEREFORE

BE IT RESOLVED, That the Secretary of the Board of Trustees be authorized and instructed to effect this title change and other appropriate language revisions throughout the Bylaws of the Board of Trustees and the Rules of the University Faculty as well as any other official University publications and documents in which such change(s) would be appropriate.

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

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**ELIMINATION OF THE OFFICES OF VICE PRESIDENT
FOR REGIONAL CAMPUSES AND VICE PRESIDENT
FOR EDUCATIONAL SERVICES**

Resolution No. 84-6

Synopsis: Elimination of the Offices of Vice President for Regional Campuses and Vice President for Educational Services is proposed.

WHEREAS in the reorganization of the University administration presented to and approved by this Board in July, 1982, the Offices of Vice President for Regional Campuses and Vice President for Educational Services were proposed to be continued only through June, 1983 and August, 1983 respectively; and

WHEREAS John T. Mount retired from the University and was appointed Vice President and Dean Emeritus effective July 1, 1983; and

WHEREAS Kathryn T. Schoen, in a separate action being presented to this Board today, is being appointed as Acting Dean of the College of Nursing:

NOW THEREFORE

July 8, 1983 meeting, Board of Trustees

ELIMINATION OF THE OFFICES OF VICE PRESIDENT
FOR REGIONAL CAMPUSES AND VICE PRESIDENT
FOR EDUCATIONAL SERVICES (contd)

BE IT RESOLVED, That the Offices of Vice President for Regional Campuses and Vice President for Educational Services be abolished effective immediately, and that appropriate deletions and changes in the Bylaws of the Board of Trustees and the Rules of the University Faculty, as well as other University publications and documents, be coordinated by the Secretary of the Board of Trustees.

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

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UPDATING OF BYLAWS OF THE BOARD OF TRUSTEES
AND RULES OF THE UNIVERSITY FACULTY PERTAINING TO
ADMINISTRATION OF THE GRADUATE SCHOOL

Resolution No. 84-7

Synopsis: Revision of the Bylaws of the Board of Trustees and Rules of the University Faculty pertaining to administration of the Graduate School is proposed to reflect certain current Graduate School responsibilities and/or reporting relationships.

WHEREAS a realignment of the University's administrative organization was approved by this Board last year to be effective in July, 1982; and

WHEREAS part of that reorganization included the creation of the new position of Vice President for Research and Graduate Studies; the re-establishment of the position of Dean of the Graduate School; and the elimination of the title, Vice Provost for Research and Dean of the Graduate School; and

WHEREAS most affected Bylaws of the Board of Trustees and Rules of the University Faculty were updated following the reorganization to reflect the new alignment, but certain responsibilities and/or reporting relationships were not addressed at that time; and

WHEREAS such remaining responsibilities and/or reporting relationships in the Bylaws and Rules have now been defined;

NOW THEREFORE

BE IT RESOLVED, That in Bylaw 3335-1-05 (G); and in Rules 3335-3-27, 3335-3-31, and 3335-7-05 (H) as well as any other applicable sections of the Administrative Code, the language "Vice Provost for Research and" be deleted, leaving only the title "Dean of the Graduate School," and that these changes shall now reflect the appropriate responsibilities and/or reporting relationships of the positions involved.

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

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July 8, 1983, meeting, Board of Trustees

UNIVERSITY HOSPITALS BOARD

Amended Resolution No. 84-8

A resolution was presented to the Board recommending the appointment of a new general public member of the University Hospitals Board. Dr. Jacob asked that the resolution be amended to reflect a request by Mr. Galbreath that he be relieved of service on the University Hospitals Board for 1983-84, and that Mrs. Bowser be appointed to fill that term. The Board voted on the amended resolution as follows:

Synopsis: Confirmation and approval of nominees to the University 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 Board was approved on April 4, 1980 and amended on April 1, 1983; and

WHEREAS it is stipulated that "The Hospitals Board shall be comprised of two members of the University Board of Trustees and twelve other persons, selected from the general public who shall be appointed by the University Board of Trustees in consultation with the President"; and

WHEREAS the terms of four members selected from the general public expired on April 30, 1983, and appointments for only three of those terms have been made to date; and

WHEREAS Daniel M. Galbreath, one of the two Trustees serving on the University Hospitals Board, has asked to be relieved of that appointment:

NOW THEREFORE

BE IT RESOLVED, That Mr. Pete Klisares be approved as a general public member of the University Hospitals Board for a term of three years, effective immediately, replacing Lloyd M. Parks who now resides in Tucson, Arizona; and

BE IT FURTHER RESOLVED, That Trustee Shirley D. Bowser be appointed effective immediately to fill Mr. Galbreath's term through April 30, 1984.

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

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July 8, 1983 meeting, Board of Trustees

DEGREES AND CERTIFICATES - SUMMER QUARTER COMMENCEMENT

Resolution No. 84-9

Synopsis: Approval is being requested for awarding degrees and certificates for Summer 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 the names of persons who have completed degree and certificate requirements in accordance with rule 3335-9-29 of the Administrative Code, for approval by the Board of Trustees:

NOW THEREFORE

BE IT RESOLVED, That the degrees and certificates be conferred on September 1, 1983, 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. Berry, seconded by Mr. Teaford, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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PERSONNEL ACTIONS

Resolution No. 84-10

Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Changes in Title, Appointments, Reappointment of Principal Administrative Official, Appointment of Chairpersons of Departments and Academic Faculties and Directors of Centers, Reappointment of Chairpersons of Departments, Medical Staff--Appointments and Reappointments for 1983-84, Leaves of Absence Without Salary, Professional Improvement Leave, Promotions/Tenure and Emeritus Titles are recommended for approval.

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the June 9, 1983 meeting of the Board, including the following Changes in Title, Appointments, Reappointment of Principal Administrative Official, Appointment of Chairpersons of Departments and Academic Faculties and Directors of Centers, Reappointment of Chairpersons of Departments, Medical Staff--Appointments and Reappointments for 1983-84, Leaves of Absence Without Salary, Professional Improvement Leave, Promotions/Tenure and Emeritus Titles as detailed in the University Budget, be approved.

July 8, 1983 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Changes in Title

Name: KATHRYN T. SCHOEN
Title: Acting Dean
College: Nursing
Effective: Immediately
Salary: \$61,440.00
Present Positions: Vice President for Educational Services, Acting Director of University Communications, and Professor in the School of Allied Medical Professions, Department of Communication, and Academic Faculty of Educational Foundations and Research

Name: LENA BAILEY
Title: Acting Dean
College: Home Economics
Effective: July 1, 1983
Salary: \$63,000.00
Present Positions: Acting Director/Professor, School of Home Economics and OARDC, and Professor, Department of Home Economics Education

Name: CLIVE W. DONOHO
Title: Director
Office: Ohio Agricultural Research and Development Center
Effective: September 1, 1983
Salary: N/A
Present Position: Acting Director, OARDC

Appointments

Name: JACK M. HOLLANDER
Title: Vice President for Research and Graduate Studies
Office: Research and Graduate Studies
Effective: September 1, 1983
Salary: \$79,920.00
Present Position: Director, Universitywide Energy Research Group, University of California; and Professor of Energy and Resources, University of California, Berkeley, California

Name: JOAN HUBER
Title: Dean
College: Social and Behavioral Sciences
Effective: On or about October 1, 1983
Salary: \$60,840.00
Present Position: Head, Department of Sociology, University of Illinois, Urbana-Champaign, Illinois

July 8, 1983 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Appointments (contd)

Name: FREDERICK P. ZUSPAN
Title: Chairman Professor (Richard L. Meiling
Chair of Obstetrics and Gynecology)
Department: Obstetrics/Gynecology
Effective: August 1, 1983
Salary: \$62,040.00
Present Position: Chairman Professor, Department of Obstetrics
and Gynecology

Reappointment of Principal Administrative Official

JAMES E. MEEKS, Dean of the College of Law, effective July 1, 1983 through June 30, 1988, pursuant to rule 3335-3-17 of the Administrative Code.

Appointment of Chairpersons of Departments and Academic Faculties and Directors of Centers

July 1, 1983 through June 30, 1987

Architecture	Robert S. Livesey
Management and Human Resources	H. Randolph Bobbitt, Jr.
Management Sciences	LeRoy J. Krajewski

September 1, 1983 through June 30, 1984

History of Art	Anne Morganstern*
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September 1, 1983 through August 31, 1984

Food Industries Center	Wilbur A. Gould
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October 1, 1983 through June 30, 1984

Center for Comparative Studies in the Humanities	Lee Brown*
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October 1, 1983 through June 30, 1987

Communication	William R. Brown
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Reappointment of Chairpersons of Departments

July 1, 1983 through June 30, 1987

Aeronautical & Astronautical Engineering	Stuart L. Petrie
Veterinary Preventive Medicine	Richard Dorn
Welding Engineering	Karl F. Graff

*Acting Chairperson or Director

July 8, 1983 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Leaves of Absence Without Salary

JOHN KARL JUDY, Professor, Department of Animal Science, effective June 13, 1983 through July 22, 1983, for personal reasons.

ALAN D. BEYERCHEN, Associate Professor, Department of History, effective Autumn and Winter Quarters, 1983-1984, to enable him to accept a Guggenheim Fellowship.

RONALD M. SOLOMON, Associate Professor, Department of Mathematics, effective Winter and Spring Quarters, 1984, to enable him to collaborate with other researchers at Rutgers University.

HAROLD EVERETT MAH, Assistant Professor, Department of History, effective Autumn Quarter, 1983 through Spring Quarter, 1984, to accept a postdoctoral fellowship from the University of British Columbia.

Professional Improvement Leave

HENRY G. CRAMBLETT, Pomerene Professor, College of Medicine - Administration, effective December 1, 1983, for one year.

Emeritus Titles

ALFRED C. CLARKE, Department of Sociology, with the title Professor Emeritus, effective October 1, 1983.

JOHN D. COWAN, JR., Department of Electrical Engineering, with the title Professor Emeritus, effective July 1, 1983.

JOHN FREEMAN, Department of Art, with the title Professor Emeritus, effective July 1, 1984. (This is a correction of the effective date for this appointment).

RICHARD I. HANG, Department of Engineering Graphics, with the title Professor Emeritus, effective July 1, 1983.

JOHN E. HORROCKS, Department of Psychology, with the title Professor Emeritus, effective July 1, 1983.

NATHAN KEYFITZ, Department of Sociology, with the title Professor Emeritus, effective October 1, 1983.

TORRENCE A. MAKLEY, JR., Department of Ophthalmology, with the title Professor Emeritus, effective July 1, 1983.

July 8, 1983 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Emeritus Titles (contd)

CHESTER I. RANGLES, Department of Microbiology, with the title Professor Emeritus, effective July 1, 1983.

EVELYN A. RUPERT, School of Health, Physical Education and Recreation, with the title Professor Emeritus, effective July 1, 1983.

JOHN V. SCHMIDT, Cooperative Extension Service, with the title Professor Emeritus, effective July 1, 1983.

HARTZEL C. SLIDER, Department of Chemical Engineering, with the title Professor Emeritus, effective July 1, 1983.

EDWARD V. TURNER, Department of Pediatrics, with the title Professor Emeritus, effective July 1, 1983.

EDWARD K. DAMON, Department of Electrical Engineering, with the title Associate Professor Emeritus, effective July 1, 1983.

ELEANOR R. DEVLIN, University Libraries, with the title Associate Professor Emeritus, effective July 1, 1983.

ROBERT B. LACKEY, Department of Electrical Engineering, with the title Associate Professor Emeritus, effective July 1, 1983.

DUANE B. LAU, Cooperative Extension Service, with the title Associate Professor Emeritus, effective July 1, 1983.

JACK R. PARRISH, College of Dentistry (Operative Dentistry), with the title Associate Professor Emeritus, effective July 1, 1983.

HARRY H. POSTLE, College of Dentistry (Operative Dentistry), with the title Associate Professor Emeritus, effective July 1, 1983.

HELEN E. STEVENS, School of Health, Physical Education and Recreation, with the title Associate Professor Emeritus, effective July 1, 1983.

ANGELENE C. PHILLIPS, Cooperative Extension Service, with the title Assistant Professor Emeritus, effective July 1, 1983.

ROBERT E. OATES, Colleges of the Arts and Sciences - Administration, with the title Assistant Dean Emeritus, effective July 1, 1983.

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

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July 8, 1983 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM

Resolution No. 84-11

Synopsis: Resolutions honoring the service of three of the University's faculty members and one staff member who have recently died are being 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.

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

Perry R. Ayres, M.D.

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on May 28, 1983 of Perry R. Ayres, M.D., Clinical Professor of Medicine and Preventive Medicine, The Ohio State University College of Medicine.

Born in Columbus, Ohio, on January 19, 1917, Perry Ayres received his B.A. degree from Oberlin College in 1938 and his M.D. from Western Reserve University in 1942. His clinical training in internal medicine at Syracuse, and Cleveland, was interrupted by three years of service as a Battalion Surgeon with the 4th Marine Division from 1943-46. He received the Bronze Star in 1945. Certified by the American Board of Internal Medicine, he entered a busy practice of medicine on State Street in Columbus. He served as a member of the clinical faculty in the Department of Medicine until 1973. From 1959-74 he was Editor of the Ohio State Medical Journal.

At about this time, he underwent the agony of serious medical difficulties and became personally well acquainted with the problems of the impaired physician. His perseverance enabled him to overcome these impairments and 1976 found him on the road back. He resumed his appointment in the Department of Medicine, became a staff internist and consultant on substance abuse at Harding Hospital, Worthington, and became a nationally known figure in the understanding of the physician impaired by psychiatric illness, alcoholism, and drug dependency. He spoke with authority and total conviction, and as a result became a speaker whose schedule took him from New England to California and the United Kingdom. He was named President of the Medical Staff of Harding Hospital, Chairman of the Physician Effectiveness Program for the Ohio State Medical Association and received several other distinguished service and teaching awards.

He is to be remembered as an excellent physician, an effective teacher, but particularly as a person who turned adversity into achievement. Dr. Ayres died suddenly while attending a reunion of his college class in Oberlin on May 28, 1983.

July 8, 1983 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Perry R. Ayres, M.D. (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 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.

Frank Batley, M.D.

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on May 25, 1983 of Frank Batley, M.D., Professor, Department of Radiology.

Frank Batley was born December 27, 1920, in Oldham in the North of England. He obtained a B.S. degree in Anatomy and Physiology in 1941 and his degree in Medicine from the University of Manchester in 1944.

From 1945 to 1947 he was on active duty in the Royal Air Force and it was during this period that one of his superior officers encouraged him to become a Radiation Therapist. Shortly after his discharge from the armed forces he returned to the Christie Hospital and Holt Radium Institute, Manchester, which was at that time one of the three outstanding cancer institutions in the western hemisphere. In 1950 he was involved in research using radioactive isotopes and in the early 1950's the first external beam cobalt units were used in Canada but there were few radiotherapists in Canada familiar with the use of this isotope. Dr. Batley was invited by the Ontario Cancer Foundation to assist in the use of this apparatus and most probably he delivered the first cobalt 60 treatment in the world to a patient with head and neck cancer in October, 1951 at the Victoria Hospital in London, Ontario. He intended to return to England in 1952; however, he went as Deputy Director to the Ontario Cancer Foundation Branch in Hamilton from 1952 to 1956. He was appointed Chief of Radiotherapy at The Ohio State University in 1957 but due to unforeseen Ohio Licensing difficulties he returned to Canada to the Ontario Cancer Foundation at Kingston as Deputy Director from 1957 to 1959. From 1959 to 1967 he was Chief of Radiotherapy at the State University of New York in Syracuse.

In 1967 he was appointed Director of Radiation Oncology at the University Hospitals and as Professor of Radiology in the College of Medicine and served in this capacity until his death. He served on many committees including the Statistical Committee of the National Cancer Institute of Canada from 1954 to 1959 and the Executive and Radiation Therapy Committee of the Southwest Oncology Group. He was a member of the Board of Directors of the Franklin County Unit of the American Cancer Society as well as the Professional Education Committee and Service Committee for this Society.

Dr. Batley was the recipient of the Royal College of Surgeons of England Ninth McClockland Scholar Award and was a Fellow of the American College of Radiology. He was an excellent teacher and was very interested in the education of medical students and resident physicians. In the Columbus community he was highly respected and eagerly sought after as a consultant in radiotherapy. His publications indicated a wide range of interests. His con-

July 8, 1983 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Frank Batley, M.D. (contd)

contributions to the field of Radiation Oncology were of significant importance and the field of Radiation Oncology has lost a careful clinical investigator, good physician and widely respected teacher and friend.

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.

Paul D. Morrill

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on June 25, 1983, of Paul D. Morrill, former Assistant University Architect.

Born February 17, 1910 in Springfield, Illinois, Mr. Morrill was graduated from the University of Pennsylvania, School of Fine Arts, Sigma Alpha Epsilon. He was a registered Architect in the State of Ohio and was employed at this University in various positions in the Office of the University Architect. Mr. Morrill began his service with the University in 1934 and was retired in 1967. Among his many job responsibilities was his assignment as Assistant University Architect from 1960 to 1967 and he was considered the Chief Designer of many campus buildings from 1940 to 1967. He was especially involved in the design development of the South and North area Dormitories on the Columbus Campus.

Perhaps of widest public recognition are Paul Morrill's sketches and drawings. He was internationally known for his pencil renderings of Ohio State University landmarks. These renderings have appeared in many publications and have been used extensively by the O.S.U. Development Fund. Many of Mr. Morrill's sketches and watercolors are to be found in private and public collections around the world. He made gifts of his work to the University and presented a permanent collection of his watercolors to the Columbus Cultural Arts Center.

Mr. Morrill was a member of the Clintonville Art Guild, The Ohio State University Faculty Club, and the Columbus Athletic Club.

On behalf of the University community, the Board of Trustees expresses to Mr. Morrill's family its heartfelt sympathy. 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 sincere appreciation of the Board's realization of the loss that the family, the University and his many friends and associates have sustained.

July 8, 1983 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Carl F. Ruff

The Board of Trustees of The Ohio State University expresses sorrow upon the death on June 10, 1983 of Carl F. Ruff, Associate Professor and Area Extension Agent, Farm Management.

Mr. Ruff was born April 5, 1930 in Lancaster, Ohio. Graduating from Lancaster High School in 1948, he enrolled at The Ohio State University and received his Bachelor of Science degree in Agricultural Education in 1953. He returned to OSU in 1963 and earned a Master's degree in Agricultural Education.

After serving in the U. S. Army, Mr. Ruff joined the faculty of The Ohio State University as Associate County Extension Agent in Union County on May 16, 1955. He held this position until June 1, 1962 when he became the County Extension Agent, Agriculture in Ottawa County. On April 1, 1980 he became the Area Extension Agent, Farm Management in the Fremont Area and was serving in this position at the time of his death.

Mr. Ruff provided leadership for various Extension activities. He was a highly respected and dedicated agricultural educator for the Extension Service and was well known and respected among his peers in Ohio and throughout the United States as he was a well recognized leader in the National Association of County Agricultural Agents.

On behalf of the University community, the Board of Trustees expresses to the family of Mr. Ruff its deepest sympathy. 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 a sincere expression of the Board's realization of the loss which the family, the Fremont area community and the University have sustained.

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ADMINISTRATIVE REORGANIZATION

President Jennings made the following statement:

Mr. Chairman, with the action of the Board approving Kathryn Schoen's appointment to the College of Nursing and with the elimination of Educational Services (as you know, several of the functions of the Office of Educational Services have been disbursed previously), there remain two offices that are currently located in Educational Services which must be assigned a new reporting relationship. With this in mind, effective immediately we will charge Mr. Dick Jackson to be responsible for the Fawcett Center and we will charge Mr. Larry Thompson to be responsible for WOSU. I think both of these individuals and both of these units are outstanding units today, and because of Kathryn's great work I think the tasks of Dick and Larry will be rather straightforward in this, and I look forward to good things to come.

July 8, 1983 meeting, Board of Trustees

ADMINISTRATIVE REORGANIZATION (contd)

I'd like to make another comment, too. By and large, with the appointments you've made today, we have completed the reorganization of the central administrative staff. We still, obviously, have the Vice Provost for Student Affairs position to fill. I think it's fair to say that I, the faculty and the entire University community are very pleased with the results of this very lengthy search process. We've put together a central administration team that, working with the deans and faculty, I believe, will move Ohio State University even higher within the ranks of some of the nation's great universities.

I do wish to note that these senior administrative appointments, which have been made over the past several months, might be criticized because they do not include women or minorities. As you know, I have urged the University community to give particular emphasis to the hiring of women and minorities in our recruitment efforts not only at my level, but at all levels throughout the institution. The committees which recommended the senior administrative appointments to me were extremely diligent in seeking such candidates--it included on the committees themselves, incidentally, significant numbers of women and minorities. Those committees indeed did do nationwide searches on each of the positions. Women and minorities were indeed interviewed, but the committees recommended and I concurred, that the best candidates did not include individuals from these groups. And, we indeed were seeking the best candidates and I believe we have obtained the best candidates. But I would like to take this opportunity to assure you and the entire Ohio State University community that the outcome of our selection process does not signal a loss of commitment to affirmative action objectives. The recruitment of women and minorities onto our staff, to our faculty, to our student body, will continue to be a top priority in this institution and certainly will continue to be in my administration, and I appreciate the Board's support of that position as well.

Mr. Scott added:

I might note, Mr. President, that looking through your agenda today, I think it is a historic first that there are three deans being named--or acting deans--and all three are women.

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS Resolution No. 84-12

Synopsis: The reports on contracts, grants, and gifts and the summary for May, 1983 are presented for Board acceptance.

July 8, 1983 meeting, Board of Trustees

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

WHEREAS monies are solicited and received on behalf of the University and the Ohio Agricultural Research and Development Center 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 Agricultural Research and Development Center, 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 Agricultural Research and Development Center, and The Ohio State University Development Fund during the month of May, 1983, be approved.

Upon motion of Mr. Berry, seconded by Mr. Immke, the foregoing resolution was adopted by the Board of Trustees by unanimous voice vote.

President Jennings made the following statement:

Mr. Chairman, on that note, it should be noted that our preliminary information indicates that for the year 1982-83, the Research Grants and Contracts total \$84.7 million, which is up from 1981-82 of a total of \$75 million or almost a 13 percent increase. I point that out because that has been accomplished during a period of time when the Federal government awarding on a national basis of research grants and contracts has been going down in this fiscal year and Ohio State has experienced a 13 percent increase. And I think that all of our faculty and the Office of Research and Graduate Studies, OSURF, the entire University community should be very, very proud of that. We have bucked the national trends in a very, very substantial way. One of the great significant accomplishments for Ohio State and I'm very proud of what our people have done.

SUMMARY FOR MAY 1983

Source	No. of Projects	Support Level
The Ohio State University Research Foundation	84	\$3,485,778.78
Engineering Experiment Station	33	\$ 142,113.00
Ohio Agricultural Research and Development Center	1	\$ 2,300.00
		\$3,630,191.78

July 8, 1983 meeting, Board of Trustees

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

SUMMARY FOR MAY 1983 (contd)

The Ohio State University Development Fund

Establishment of Named Funds

Dr. Roger C. and Margery W. Henderson Memorial Fund in the College of Agriculture (College of Agriculture)	\$ 79,648.06
Dr. Roger C. and Margery W. Henderson Memorial Fund in the College of Medicine (College of Medicine)	\$ 79,648.06
The Charles W. Medick Memorial Scholarship Fund (Undergraduate Scholarships for Sight- less Students)	\$ 25,000.00
George R. Gist Graduate Scholarship Fund in Extension Education (Department of Agricultural Education)	\$ 5,000.00
The Erma and Paul R. Nicely Scholarship Fund (Scholarships Hardin County)	\$ 5,000.00
J. McLean Reed Music Fund (Lima Campus Music Programs)	\$ 5,000.00

Change in Description of Named Fund

Morgan Memorial Scholarship Fund

Report from Presidents Club

Members to date	4,596
1983 members: year to date	54
New members - May 1983	11

New Presidents Club Members - May 1983

Arthur J. Arnold	Clarissa Ann Rapp
Paul A. Donald	Bethann K. Sprague
Harold A. James	(Mrs. Michael S.)
James D. Haldeman	Thomas H. Timmer
Calvin M. Kunin, M.D.	Howard W. Tuttle
Rick R. Pinson	Edson H. Wilson

July 8, 1983 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Report - May 1983

Federal Research Contracts/Grants

\$300,000.00 - National Science Foundation, Washington, D. C., Nuclear Physics at Low and Intermediate Energies, Including Investigations of Fundamental Symmetries and Nuclear Astrophysics, Department of Physics (R. N. Boyd, T. R. Donoghue, S. L. Blatt, H. J. Hausman and E. R. Sugarbaker), 1 May 1983 through 30 April 1984. (Project 763126 - Continuation)

\$164,453.00 - National Science Foundation, Washington, D. C., Ice Dynamics on the Marie Byrd Land Slope: A Part of WISP, Institute of Polar Studies and Department of Geology and Mineralogy (I. M. Whillans), 1 June 1983 through 31 May 1984. (Project 763556 - New)

\$129,048.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Polycondensed Alicyclics and Their Antiviral Role, Department of Chemistry (L. A. Paquette), 1 May 1983 through 30 April 1984. (Project 763920 - Continuation)

\$121,872.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Study of the Clinical Pharmacokinetics of Anticancer Drugs, College of Pharmacy (L. Malspeis), 31 March 1983 through 30 April 1984. (Project 761128 - Continuation)

\$110,626.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Prostaglandin Control of Macrophage Antitumor Activity, Department of Microbiology and Cancer Research Center (B. S. Zwillig) and Department of Pharmacology (R. Fertel), 1 June 1983 through 31 May 1984. (Project 763192 - Continuation)

\$95,000.00 - National Science Foundation, Washington, D. C., Syntheses and Studies of Selected Metal Carbonyl and Metalloborane Cluster Systems, Department of Chemistry (S. G. Shore), 1 September 1983 through 31 August 1984. (Project 761767 - Continuation)

\$92,000.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Microstructure Development and Failure Mechanisms of Ceramic Capacitor Dielectrics, Department of Ceramic Engineering (D. W. Readey), 1 May 1983 through 30 September 1983. (Project 763540 - New)

July 8, 1983 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$89,318.00 - National Science Foundation, Washington, D. C., Early Tertiary Biogeography of the High Arctic, Institute of Polar Studies (W. J. Zinsmeister), 1 June 1983 through 31 May 1984. (Project 763562 - New)

\$75,000.00 - National Science Foundation, Washington, D. C., American Lakes: Comparative and Paleolimnological Analysis to Test Hypotheses, Department of Zoology (P. A. Colinvaux), 1 June 1983 through 31 May 1984. (Project 762634 - Continuation)

\$75,000.00 - National Science Foundation, Washington, D. C., Kinetics and Mechanism of the Passivation of Iron in Various Electrolytes, Department of Metallurgical Engineering (S. Smialowska), 1 June 1983 through 29 February 1984. (Project 763539 - New)

\$73,215.00 - Department of Energy, Argonne, Illinois, Chemo-radiotherapy of Cancer Using Boronated Monoclonal Antibodies, College of Pharmacy (A. H. Soloway) and Department of Pathology (R. F. Barth), 1 April 1983 through 31 March 1984. (Project 763051 - Continuation)

\$71,550.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Library of Medicine, Bethesda, Maryland, Biomedical Computing and Information Processing, College of Medicine - Administration (G. L. Trzebiatowski) and Department of Computer and Information Science (A. E. Petrarca), 1 July 1983 through 30 June 1984. (Project 761133 - Continuation)

\$71,509.00 - National Science Foundation, Washington, D. C., Environment and Climate of the American Equator Since 18K, Department of Zoology, (P. A. Colinvaux), 1 July 1983 through 30 June 1984. (Project 763164 - Continuation)

\$67,000.00 - National Science Foundation, Washington, D. C., A Resonance Study of Molecular and Atomic Excitations in the Solid Hydrogens, Department of Physics (J. R. Gaines), 1 July 1983 through 30 June 1984. (Project 762786 - Continuation)

\$65,910.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Chemical Modification of Plastocyanin, Department of Biochemistry (E. L. Gross), 1 May 1983 through 30 April 1984. (Project 763080 - Continuation)

July 8, 1983 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$63,196.00 - Department of Energy, Argonne, Illinois, Development of Genetic Systems for Analysis of the Obligate Anaerobe Methanobacterium ruminantium PS, Department of Microbiology (J. N. Reeve and J. I. Frea), 1 July 1983 through 30 June 1984. (Project 762755 - Continuation)

\$61,799.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Dental Research, Bethesda, Maryland, Studies on the Dextran Sucrase of Streptococcus Sanguis, Department of Chemistry (R. M. Mayer), 1 July 1983 through 30 June 1984. (Project 760160 - Continuation)

\$57,746.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Arthritis, Diabetes, Digestive and Kidney Diseases, Bethesda, Maryland, Effects of Dietary Change on Lipid Biosynthesis, Department of Physiological Chemistry (H. W. Sprecher), 1 May 1983 through 30 April 1984. (Project 764415 - Continuation)

\$54,000.00 - National Science Foundation, Washington, D. C., Cleanliness of Steel, Department of Metallurgical Engineering (Y. Sahai), 1 September 1983 through 31 August 1985. (Project 763550 - New)

\$53,900.00 - National Science Foundation, Washington, D. C., Kinetic and Heat Transfer Studies of Polymer Reaction Molding, Department of Chemical Engineering (L. J. Lee), 1 June 1983 through 31 May 1985. (Project 763585 - New)

\$53,700.00 - National Science Foundation, Washington, D. C., Spectroscopic Studies of Active Galaxies and Quasi-Stellar Objects, Department of Astronomy (B. M. Peterson), 1 April 1983 through 31 March 1984. (Project 763049 - Continuation)

\$48,000.00 - National Science Foundation, Washington, D. C., The Effects of Reduction in Strain Rate on High Rate Plastic Deformation of Metals, Department of Engineering Mechanics (A. Gilat), 1 July 1983 through 30 June 1985. (Project 763543 - New)

\$48,000.00 - National Science Foundation, Washington, D. C., Thermo-Mechanical Response of Fluid-Filled Poroelastic Solids, Department of Engineering Mechanics (N. Katsube), 1 October 1983 through 30 September 1985. (Project 763542 - New)

\$47,432.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Lung CO₂ Receptors and Ventilatory Control, Department of Anesthesiology (R. D. Tallman), 1 May 1983 through 30 April 1984. (Project 763073 - Continuation)

July 8, 1983 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$46,900.00 - National Science Foundation, Washington, D. C., Geometric Topology and Homotopy Theory, Department of Mathematics (D. Burghelea, J. A. Neisendorfer and M. W. Davis), 1 July 1983 through 30 June 1984. (Project 762777 - Continuation)

\$34,257.00 - Department of Energy, Sandia National Laboratories, Albuquerque, New Mexico, Design and Fabricate a Remotely Piloted Miniature Aircraft for Instrumentation Evaluation in Flight, Department of Aeronautical and Astronautical Engineering (G. M. Gregorek), 12 April 1983 through 31 January 1984. (Project 763545 - New)

\$31,160.00 - Department of Education, Office of Special Education and Rehabilitation Services, Office of Special Education, Washington, D. C., Development of a Field-Based Preparation Program in Special Education Administration and Supervision, Academic Faculty of Exceptional Children (R. H. Swassing), 1 June 1983 through 31 May 1984. (Project 763165 - Continuation)

\$30,000.00 - Department of Energy, Pittsburgh Energy Technology Center, Pittsburgh, Pennsylvania, Fundamental Analysis of High Pressure Fluidization, Department of Chemical Engineering (L. S. Fan), 19 May 1983 through 18 May 1984. (Project 763587 - New)

\$25,450.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Fogarty International Center, Bethesda, Maryland, Fogarty International Fellowship, Department of Chemistry (H. G. Floss), 1 September 1983 through 31 August 1984. (Project 763590 - New)

\$18,338.00 - National Science Foundation, Washington, D. C., Charm and β Decays Via Hadronic Production in a Hybrid Emulsion Spectrometer, Department of Physics (N. W. Reay), 1 April 1983 through 31 March 1985. (Project 763566 - New)

\$17,633.00 - Department of Transportation, National Highway Traffic Safety Administration, Vehicle Research and Test Center, East Liberty, Ohio, Construction of Vehicle Tracking System, Phase II, Department of Electrical Engineering, ElectroScience Laboratory (D. E. Svoboda), 1 January 1983 through 30 September 1983. (Project 763034 - Continuation)

\$15,682.00 - National Science Foundation, Washington, D. C., The Application of AC Impedance Techniques for the Study of Passive Films on Metal Surfaces, Department of Metallurgical Engineering (D. D. Macdonald), 1 May 1983 through 30 April 1986. (Project 763541 - New)

July 8, 1983 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$15,000.00 - Department of the Army, Army Material Command, Army Armament Research and Development Command, Dover, New Jersey, Approaches to the Synthesis of Nitro Derivatives of Decahedrane, Department of Chemistry (L. A. Paquette), 18 May 1983 through 17 November 1983. (Project 763574 - New)

\$13,438.00 - National Science Foundation, Washington, D. C., Orthogonal Polynomials and Interpolation, Department of Mathematics (P. Nevai), 1 June 1983 through 31 May 1984. (Project 763583 - Continuation)

\$11,900.00 - Department of Health and Human Services, Public Health Service, Health Resources and Services Administration, Bureau of Health Professions, Hyattsville, Maryland, Traineeships, Graduate Health Administration Programs (Formula), College of Medicine - Administration (S. F. Loeb), 1 July 1983 through 30 June 1984. (Project 763538 - Continuation)

\$10,000.00 - Department of the Army, Army Material Command, Army Armament Research and Development Command, Dover, New Jersey, Aza and Polyaza Cage Molecules, Department of Chemistry (L. A. Paquette), 16 May 1983 through 15 August 1983. (Project 763568 - New)

\$7,000.00 - National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland, A Search for Molecular Absorption Features in the Photospheric Spectra of Cool Stars, Department of Astronomy (R. F. Wing), 1 June 1983 through 31 May 1984. (Project 761634 - Continuation)

\$5,560.00 - National Science Foundation, Washington, D. C., Systematics and Evolution of Aeonium Webb and Berth (Crassulaceae, Sempervivoideae), Department of Botany (T. F. Stuessy), 1 May 1983 through 30 April 1985. (Project 763569 - New)

\$5,000.00 - Department of Transportation, National Highway Traffic Safety Administration, Vehicle Research and Test Center, East Liberty, Ohio, Measurement Methodology of Impact Devices, Department of Mechanical Engineering (R. Singh and N. Berme), 1 April 1983 through 30 June 1983. (Project 763036 - Continuation)

\$4,273.00 - Environmental Protection Agency, Chicago, Illinois, Acid Deposition Monitoring Program for Western Lake Erie, Center for Lake Erie Area Research (C. E. Herdendorf), 1 July 1983 through 30 June 1984. (Project 763579 - New)

\$812.00 - National Science Foundation, Washington, D. C., Travel to Attend: The XVI European Congress on Molecular Spectroscopy; Sofia, Bulgaria; September 12-16, 1983, Department of Physics (K. N. Rao), 1 May 1983 through 30 April 1984. (Project 763554 - New)

TOTAL - FEDERAL AWARDS

\$2,381,677.00

July 8, 1983 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

\$86,175.00 - Ohio Board of Regents, Columbus, Ohio, Ohio Vietnam Veterans Medical Examination Reporting Program, Cancer Research Center (N. A. Reiches) and Department of Preventive Medicine (J. V. Gaueman and J. R. Wilkins, III), 1 April 1983 through 30 June 1984. (Project 763586 - New)

\$67,921.60 - State of Ohio, Department of Health, Columbus, Ohio, Care of the High Risk Mother and Infant, Department of Pediatrics (L. Cordero), 1 October 1982 through 30 September 1983. (Project 764100 - Continuation)

\$14,978.00 - The Ohio Humanities Council, Columbus, Ohio, Women's Voices, Center for Women's Studies (M. Longenecker), 5 March 1983 through 31 July 1983. (Project 763570 - New)

\$10,356.00 - State of Ohio, Department of Mental Health, Office of Program Evaluation and Research, Columbus, Ohio, Right to Refuse Treatment: Court Ordered Reform at Lima State Hospital, Department of Sociology (D. R. Longmire), 1 July 1983 through 30 September 1983. (Project 763327 - Continuation)

\$3,739.86 - State of Ohio, Ohio Department of Mental Health, Columbus, Ohio, Stress and Control in a Geriatric Population: Implications for Mental and Physical Health, Department of Psychiatry (J. K. Kiecolt-Glaser), 1 April 1983 through 30 June 1983. (Project 763516 - New)

\$1,500.00 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, The Development and Dissemination of a Recruitment Brochure for Male and Female Prospective Teachers in Industrial Arts Education, Academic Faculty of Industrial Technology (E. K. Blankenbaker and M. L. Scott), 1 May 1983 through 30 September 1983. (Project 763561 - New)

\$1,000.00 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, Home Economics Promotional and Recruitment Brochure and Poster, Department of Home Economics Education (R. E. Dohner), 1 July 1982 through 30 June 1983. (Project 763547 - New)

TOTAL - STATE OF OHIO AWARDS

\$ 185,670.46

Industrial Research Contracts/Grants

\$137,000.00 - Summa Medical Corp., Inc., Albuquerque, New Mexico, Anticancer Applications of an Anti-hCG Vaccine, Department of Obstetrics and Gynecology (V. C. Stevens), 1 July 1983 through 30 June 1984. (Project 763589 - New)

July 8, 1983 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial Research Contracts/Grants (contd)

\$134,173.00 - Hill's Pet Products, Inc., Topeka, Kansas, Mode of Action, Toxicity and Formulation of Insecticide Containing Citrus Products, Components of Citrus Products and/or Materials Related Thereto or Derived Therefrom, Department of Entomology (W. F. Hink), 1 May 1983 through 30 April 1985. (Project 763551 - New)

\$34,498.00 - Carolina Power and Light Company, New Hill, North Carolina, Developmental Abnormalities in Bluegill from a High Selenium Reservoir, Department of Zoology (C. T. Singley), 15 May 1983 through 15 January 1985. (Project 763577 - New)

\$26,852.00 - Liebert Corp., Columbus, Ohio, Design and Development of a User's Installation, Calibration, and Service Manual for the Micro-Controlled "Site Master" Monitoring System, College of Education - Administration (J. J. Buffer), 11 April 1983 through 31 July 1983. (Project 763537 - New)

\$26,688.00 - General Electric Company, Syracuse, New York, Design of Support Structure for Low RCS Targets, Department of Electrical Engineering, ElectroScience Laboratory, (J. D. Young), 1 April 1983 through 30 June 1983. (Project 763555 - New)

\$10,000.00 - Brunswick Corp., Marion, Virginia, Design and Calculate Four Panels, Department of Electrical Engineering, Electro-Science Laboratory (B. A. Munk), 22 March 1983 through 20 June 1983. (Project 763588 - New)

\$8,667.00 - Hoffmann-LaRoche, Inc., Nutley, New Jersey, Research in Infectious Diseases, Department of Medicine (R. L. Perkins, R. J. Fass and J. L. Plouffe), 1 March 1982 through 30 April 1983. (Project 763020 - Continuation)

\$7,800.00 - Smith Kline & French Laboratories, Philadelphia, Pennsylvania, Expansion Clinical Use of "Ridaura" (Auranofin), Department of Medicine (R. L. Whisler), 14 January 1983 through 30 June 1983. (Project 763125 - Continuation)

\$4,795.00 - Litton Bionetics, Inc., Charleston, South Carolina, Development and Production of Mycoplasma Antigens, Department of Medical Microbiology and Immunology (N. L. Somerson), 23 May 1983 through 29 February 1984. (Project 763571 - New)

\$318.00 - CGS Corp., Washington, D. C., Technical Assistance Project for the Microcomputer Choices Program, The National Center for Research in Vocational Education (R. E. Taylor), 1 March 1983 through 31 December 1984. (Project 763026 - Continuation)

TOTAL - INDUSTRIAL AWARDS

\$ 390,791.00

July 8, 1983 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

\$135,000.00 - Leukemia Society of America, Inc., New York, New York, Pathobiology of Feline Leukemia Virus-Initiated, Nonproducer Lymphomagenesis, Department of Veterinary Pathobiology (J. L. Rojko), 1 July 1983 through 30 June 1988. (Project 763575 - New)

\$51,375.00 - Robert L. Letcher, M.D., New York, New York, Studies of Enzymatic Effects on Blood Protein Concentrations, College of Pharmacy (J. W. Williams), 1 June 1983 through 31 May 1984. (Project 763565 - New)

\$37,972.00 - Council on International Educational Exchange, New York, New York, Japanese English Teachers Workshop, Department of English (B. S. Sutton), 13 April 1983 through 31 December 1983. (Project 763546 - New)

\$34,595.00 - Battelle Memorial Institute, Columbus, Ohio, Relation between Microstructure and Fracture Toughness in a High Toughness, Complex, Low Alloy Steel, Department of Metallurgical Engineering (J. P. Hirth), 13 May 1983 through 31 December 1983. (Project 763047 - Continuation)

\$30,000.00 - Illuminating Engineering Research Institute, New York, New York, Studies of Task Visibility and Worker Productivity under Selected Light Sources Having Restricted Spectral Distributions, Department of Microbiology (H. R. Blackwell), 22 January 1982 through 31 August 1983. (Project 763072 - Continuation)

\$25,000.00 - Alfred P. Sloan Foundation, New York, New York, Alfred P. Sloan Research Fellowship, Department of Mathematics (P. D. Seymour), 16 September 1983 through 15 September 1985. (Project 763559 - New)

\$25,000.00 - Alfred P. Sloan Foundation, New York, New York, Alfred P. Sloan Research Fellowship, Department of Physics (T. R. Lemberger), 16 September 1983 through 15 September 1985. (Project 763560 - New)

\$25,000.00 - Alfred P. Sloan Foundation, New York, New York, Fellowship for Basic Research, Department of Chemistry (D. J. Hart), 16 September 1983 through 15 September 1985. (Project 763557 - New)

\$25,000.00 - Alfred P. Sloan Foundation, New York, New York, Fellowship for Basic Research, Department of Chemistry (M. D. Tsai), 16 September 1983 through 15 September 1985. (Project 763558 - New)

July 8, 1983 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)

\$22,664.00 - San Diego State University Foundation, San Diego, California, Field and Laboratory Investigations of Soils at Eagle Creek and Other Selected Areas, Institute of Polar Studies (K. R. Everett), 1 May 1983 through 30 April 1984. (Project 763109 - Continuation)

\$19,603.00 - Purdue University, West Lafayette, Indiana, Improving the Geological Interpretation of Magnetic and Gravity Satellite Anomalies, Department of Geology and Mineralogy (R. R. B. von Frese), 1 April 1983 through 31 March 1984. (Project 763567 - New)

\$19,461.00 - Stiftung Volkswagenwerk, Hanover, West Germany, The 1982 Spanish Elections: The Consolidation of a New Democracy, Department of Political Science (R. P. Gunther, G. A. Sani and G. Shabad), 1 April 1983 through 31 May 1985. (Project 763517 - New)

\$16,800.00 - Ohio Wesleyan University, Delaware, Ohio, Student Personnel in Higher Education, Academic Faculty of Special Services (R. F. Rodgers), 1 August 1983 through 15 June 1984. (Project 763578 - Continuation)

\$12,000.00 - City of Columbus, Division of Sewage and Drainage, Columbus, Ohio, Utilization of Composted Municipal Sludge in Container Media, Department of Plant Pathology (OARDC) (H. A. J. Hoitink), 17 March 1983 through 16 March 1984. (Project 763564 - New)

\$10,000.00 - National Kidney Foundation of Central Ohio, Columbus, Ohio, Factors That Modulate the Severity of Acute Renal Injury, Department of Medicine (R. A. Zager), 1 July 1983 through 30 June 1984. (Project 763549 - New)

\$6,000.00 - Catholic Social Services, Inc., Columbus, Ohio, SHARE Internship Project, Academic Faculty of Special Services (J. J. Quaranta), 18 October 1982 through 15 July 1983. (Project 763572 - New)

\$5,503.00 - Ohio Dominican College, Columbus, Ohio, Student Personnel in Higher Education, Academic Faculty of Special Services (R. F. Rodgers), 15 August 1983 through 31 May 1984. (Project 763580 - Continuation)

\$5,310.00 - American Legion Child Welfare Foundation, Inc., Indianapolis, Indiana, Hopscotch, Kool-Aid, Piano Lessons, Fatso, Four Eyes, and ...DUMMY, College of Social Work (J. P. Bendekovic), 1 July 1983 through 31 December 1983. (Project 763584 - New)

July 8, 1983 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)

\$4,500.00 - The Swann Foundation for Caricature and Cartoon, New York, New York, Festival of Cartoon Art, University Libraries (L. S. Caswell), 1 June 1983 through 31 December 1983. (Project 763553 - New)

\$4,000.00 - University of Pittsburgh, Pittsburgh, Pennsylvania, NSABP Colo-Rectal Protocol, Cancer Research Center and Department of Medicine (J. A. Neidhart) and Department of Surgery (W. B. Farrar), 1 July 1982 through 31 January 1983. (Project 763581 - New)

\$3,872.00 - Cancer Therapy and Research Center, San Antonio, Texas, Multidisciplinary Participation in the Cancer Control Activities of the Southwest Oncology Group, Department of Pathology (R. O'Toole), 1 January 1983 through 31 December 1983. (Project 761460 - Continuation)

\$2,500.00 - Greater Columbus Arts Council, Columbus, Ohio, Festival of Cartoon Art, University Libraries (L. S. Caswell), 1 June 1983 through 31 December 1983. (Project 763544 - New)

\$2,000.00 - Community College of Rhode Island, Warwick, Rhode Island, National Alliance of Postsecondary Education Institutions/Districts, The National Center for Research in Vocational Education (R. E. Taylor), 1 July 1983 through 30 June 1984. (Project 763548 - Continuation)

\$2,000.00 - Cuyahoga Community College, Cleveland, Ohio, National Alliance of Postsecondary Education Institutions/Districts (R. E. Taylor), 1 July 1982 through 30 June 1983. (Project 763137 - Continuation)

\$1,500.00 - Arizona State University, Tempe, Arizona, Technical Assistance for the Arizona State University, The National Center for Research in Vocational Education (R. E. Taylor), 1 May 1983 through 30 June 1983. (Project 768046 - New)

\$985.32 - Minneapolis Community College, Minneapolis, Minnesota, Technical Assistance for the Minneapolis Community College, The National Center for Research in Vocational Education (R. E. Taylor), 1 April 1983 through 31 May 1983. (Project 768042 - New)

TOTAL - OTHER NON-FEDERAL AWARDS \$ 527,640.32

ENGINEERING EXPERIMENT STATION

Industrial and Other Sponsored Research and Development

\$142,113.00 - Thirty-two sponsors of 33 development projects under the direction of seven departments of the College of Engineering.

July 8, 1983 meeting, Board of Trustees

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

OHIO AGRICULTURAL RESEARCH AND DEVELOPMENT CENTER

Federal Contract/Grant

\$2,300.00 - National Park Service, Denver, Colorado, support of a study on analyses of tree-ring data in the Cuyahoga Valley National Recreation Area, Department of Forestry, April 19 to December 31, 1983. (Contract No. P.O. PX2000-3-0760)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Report - March 1983

Gifts of \$5,000 or More

\$52,365.82	Guy Jackson Trust, Chicago, Illinois, for The Ohio State National Merit Scholarship Fund.
\$30,000.00	Battelle Memorial Institute, Columbus, Ohio--\$25,000.00 for WOSU Support Fund and \$5,000.00 for John Camiscioni Memorial Scholarship Fund for Medical Education.
\$28,000.00	TRW Foundation, Cleveland, Ohio--\$10,000.00 for TRW Grant in Industrial and Systems Engineering; \$10,000.00 for Advanced Design Methods Laboratory in Mechanical Engineering; \$5,000.00 for the Capital Campaign in Industrial Systems; and \$3,000.00 for TRW Fellowship Grant in Metallurgical Engineering.
\$23,085.00	C. F. High Foundation, Bucyrus, Ohio, for the Charles F. High Foundation Scholarship Fund.
\$20,000.00	Amoco Foundation, Inc., Chicago, Illinois, for Amoco Faculty Development Fund/Chemical Engineering.
\$18,053.00	University Eye Surgeons, Inc., Columbus, Ohio, for Eye Bank Fund.
\$17,435.00	Grace Washburn Trust, Bucyrus, Ohio, for the Grace High Washburn Trust Scholarship Fund.
\$14,500.00	St. Joe Minerals, New York, New York, for the St. Joe Minerals Fellowship.
\$14,211.06	Systems Associates, Columbus, Ohio, for Cardiology Support Fund.
\$12,500.00	Adria Labs, Inc., Columbus, Ohio, for Cardiovascular Research.
\$11,640.00	Big Drum, Inc., Columbus, Ohio, for Big Drum, Inc. Graduate Research Fund.

July 8, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)
THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (cont'd)

\$11,250.00	E. F. Wildermuth Foundation, Columbus, Ohio, for the E. F. Wildermuth Memorial Scholarship Fund.
\$10,500.00	F & R Lazarus Co., Columbus, Ohio, for Student Athlete Grant-in-Aid.
\$10,000.00	Pulmonary Associates, Columbus, Ohio, for Pulmonary General Fund.
\$ 8,000.00	Ohio Farm and Grain Supply, Fostoria, Ohio, for Cooperative Business.
\$ 7,534.95	Dr. Susan Benes, Columbus, Ohio, for the Ophthalmology Teaching Fund.
\$ 7,500.00	Agronomic Research Foundation, Inc., Atlanta, Georgia, for Potash & Phosphate Institute.
\$ 7,000.00	Eli Lilly & Company, Indianapolis, Indiana, for Eli Lilly & Co. Organic Chemical Research Fund.
\$ 7,000.00	Wendy's International, Inc., Dublin, Ohio, for Student Athlete Grant-in-Aid Fund.
\$ 6,191.00	Antique Show and Sale, Columbus, Ohio, for Presidents Club Special Fund.
\$ 6,000.00	Central Ohio Center for Economic Education, Columbus, Ohio, for Center for Economic Education.
\$ 5,713.94	Merrymakers Club, Columbus, Ohio, for National Achievement/Merrymakers.
\$ 5,500.00	TRW, Inc., Cleveland, Ohio--\$5,000.00 for Capital Campaign in Industrial Systems and \$500.00 for College of Engineering Campaign.
\$ 5,100.00	Tech Advances, Inc., Columbus, Ohio--\$4,700.00 for O.S.I. and \$400.00 for Anatomy Support Fund.
\$ 5,000.00	Pfizer, Inc., Agricultural Division, Lees Summit, Missouri, for Pfizer Research Fund.
\$ 5,000.00	Total Communications Systems, New Kensington, Pennsylvania, for the OSU Scholarship Fund.
\$ 5,000.00	University Renal Group, Columbus, Ohio, for Renal Disease Research Fund.
\$ 5,000.00	Preston Wolfe, Columbus, Ohio, for the Ohio 4-H Foundation Support Fund.

July 8, 1983 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds

Dr. Roger C. and Margery W. Henderson Memorial
Fund in the College of Agriculture

The Dr. Roger C. and Margery W. Henderson Memorial Fund in the College of Agriculture was established July 8, 1983, 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. Roger C. Henderson, Xenia, 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 is to be used to support research programs and/or merit scholarships in the College of Agriculture as determined by the Dean of the College of Agriculture in consultation with the appropriate academic and scholarship officials of the College.

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 purposes whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University then directly responsible for agricultural education and the College of Agriculture.

Dr. Roger C. and Margery W. Henderson Memorial
Fund in the College of Medicine

The Dr. Roger C. and Margery W. Henderson Memorial Fund in the College of Medicine was established July 8, 1983, 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. Roger C. Henderson, Xenia, 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 is to be used to support research programs and/or merit scholarships in the College of Medicine, Department of Ophthalmology, as determined by the Chairman of the Department and the Dean of the College of Medicine.

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 then directly responsible for ophthalmology education and the College of Medicine.

July 8, 1983 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 Charles W. Medick Memorial Scholarship Fund

The Charles W. Medick Memorial Scholarship Fund was established July 8, 1983, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from the estate of Evelyn Neer Medick.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used for undergraduate scholarships, with preference given to sightless students when possible, but unrestricted as to college, school or department. The selection of the recipients is to be made upon the recommendation of the University Scholarship Committee.

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 purposes whatsoever as determined by the Board of Trustees with preference being given to recommendations from the appropriate administrative official(s) of the University then directly responsible for student assistance.

George R. Gist Graduate Scholarship Fund
in Extension Education

The George R. Gist Graduate Scholarship Fund in Extension Education was established July 8, 1983, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University through The Ohio State University Development Fund by George R. Gist, Acting Director of the Ohio Cooperative Extension Service, who has served as a faculty member of The Ohio State University for 36 years.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as the occasion dictates.

The annual income is to be used to support graduate research and extension education within the Department of Agricultural Education in the College of Agriculture and Home Economics. The funds may be used to provide tuition, professional and research related travel, costs associated with data collection and analysis, or other graduate program expenses relating to extension education. The Chairman of the Department shall be responsible for administering the funds.

July 8, 1983 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

George R. Gist Graduate Scholarship Fund in Extension Education (contd)

Should the need for these funds 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 of the Chairman of the Department of Agricultural Education and the Director of the Ohio Cooperative Extension Service.

The Erma and Paul R. Nicely Scholarship Fund

The Erma and Paul R. Nicely Scholarship Fund was established July 8, 1983, by the Board of Trustees of The Ohio State University with gifts from Paul (Class of '50, Optometry) and Erma Nicely to The Ohio State University Development 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 is to be used to provide one or more scholarships for a full-time enrolled student at The Ohio State University. The recipient shall be a graduate of a Hardin County High School and a resident of Hardin County. This scholarship is established to assist a student or students who have demonstrated academic ability and/or need for financial assistance.

The selection of the recipient shall be made by the Hardin County High School Principals and the Hardin County OSU Alumni Club in conjunction with the University Committee on Student Financial Aids.

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 the recommendations from the University Scholarship Committee and the Office of Student Financial Aids.

J. McLean Reed Music Fund

The J. McLean Reed Music Fund was established July 8, 1983, by the Board of Trustees of The Ohio State University with gifts from family and friends of Dr. J. McLean Reed. The fund recognizes the dedication and the support given to the music program at The Ohio State University at Lima by J. McLean Reed.

The original gifts and all subsequent gifts to this fund are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as the occasion dictates.

July 8, 1983 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

J. McLean Reed Music Fund (contd)

The annual income is to be used in support of music programs at The Ohio State University at Lima. A portion of the annual income will be used to provide annual scholarship(s) to a student(s) who demonstrate leadership and excellence in music. A portion of the income may also be used to encourage programs that support music activities at The Ohio State University at Lima. All expenditures must be approved by the Dean of the Lima Campus.

Should the need for this fund cease to exist or so diminish as to provide unused income, the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference given to the recommendations of the Dean of the Lima Campus.

Change in Description of Named Fund

Morgan Memorial Scholarship Fund

The Morgan Memorial Scholarship Fund was established September 5, 1980, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Morgan Lumber Sales Company and other friends in tribute to its founders, Walter E. and Elizabeth S. Morgan.

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 principal until the fund reaches \$5,000. At that time, the annual income shall be used to provide scholarship support to a student pursuing a degree in the School of Natural Resources, Division of Forestry. The student must demonstrate high academic achievement as well as financial need. The selection of the student shall be made by the Director of the School of Natural Resources in conjunction with the Director of Student Financial Aids. On an annual basis, the Director of Financial Aids will provide the Morgan Lumber Sales Company with the name of the student who received the award.

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 scholarships.

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July 8, 1983 meeting, Board of Trustees

PLANS AND SPECIFICATIONS

Resolution No. 84-13

Synopsis: Approval of plans and specifications for the following project is proposed.

WHEREAS at the request of the Vice President for Business and Finance, the President recommended that the Board of Trustees approve the plans and specifications, bills of materials, and estimates of cost for the following project:

UNIVERSITY AIRPORT RENOVATIONS, FISCAL YEAR 1983

Project: Renovations will include: installing new runway lights on Runway 9R-27L; widening taxiway at terminal area; constructing a parallel taxiway at Runway 9L-27R; resurfacing Runway 14-32; resurfacing taxiway E; installing runway signs; resurfacing east aircraft parking ramp; and resurfacing T-Hangar aprons.

Funding: \$647,423.00 from an FAA Grant and \$71,933.00 from University funds.

Estimated Project Cost: \$719,356.00

NOW THEREFORE

BE IT RESOLVED, That the plans and specifications, bills of materials, and estimates of cost for the project listed above be approved and that the President and/or Vice President for Business and Finance be authorized to sign the plans and specifications for this project and, in accordance with established University procedures, to request bids and, if satisfactory bids are received, to recommend to the Department of Administrative Services, Division of Public Works, the award of necessary contracts; and

BE IT FURTHER RESOLVED, That this action be reported to the Board at a later meeting.

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

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July 8, 1983 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS**

Resolution No. 84-14

Synopsis: Contracts have been awarded for the projects listed below to the lowest and best bidders in accordance with University procedures.

WHEREAS resolutions adopted by the Board of Trustees at previous meetings authorized the President and/or Vice President for Business and Finance to sign the plans and specifications and, in accordance with established University procedures, to request bids and, if satisfactory bids were received, to recommend to the Department of Administrative Services, Division of Public Works, the award of contracts for the following projects:

BIOLOGICAL SCIENCES LIBRARY REMODELING

Description: This project will improve the quality of existing library space and provide the conversion of additional rooms for library expansion. This project also includes the development of small reading areas; installation of a circulation desk; two book security systems; air conditioning and proper utilities for computer terminals, photocopiers and microfilm readers.

General Contract

Date Received:	April 12, 1983
No. of Bids:	6
Low Bid:	\$ 81,890.00
High Bid:	\$113,123.00
Estimate of Cost:	\$ 89,579.00
Awarded to:	Righter Co., Columbus, Ohio

Plumbing Contract

Date Received:	April 12, 1983
No. of Bids:	2
Low Bid:	\$ 2,800.00
High Bid:	\$ 3,190.00
Estimate of Cost:	\$ 3,100.00
Awarded to:	Edmonds Mechanical Contractor, Dayton, Ohio

July 8, 1983 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

BIOLOGICAL SCIENCES LIBRARY REMODELING (contd)

HVAC Contract

Date Received:	April 12, 1983
No. of Bids:	2
Low Bid:	\$ 27,500.00*
High Bid:	\$ 27,500.00*
Estimate of Cost:	\$ 22,860.00
Awarded to:	Edmonds Mechanical Contractor, Dayton, Ohio

Electric Contract

Date Received:	April 12, 1983
No. of Bids:	7
Low Bid:	\$ 26,561.00
High Bid:	\$ 39,000.00
Estimate of Cost:	\$ 39,461.00
Awarded to:	Frush & Homan, Columbus, Ohio

Total All Contracts: \$138,751.00

Total Contingency Allowance: \$ 34,400.73 (which is 24.8 per cent of construction costs)

Total Project Cost: \$217,671.00

Funding: Am. Sub. H.B. 552

*Low bid of \$20,653.00 was rejected because the contractor failed to sign proposal.

July 8, 1983 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

LAW BUILDING, AIR CONDITIONING SYSTEMS IMPROVEMENTS

Description: This project will convert the original multizone air conditioning systems to an energy efficient variable volume system by installing VAV boxes, new air handler, new drive on existing return air fan, new filter bank, new temperature and equipment and control systems, and modifying exhaust air systems and electrical work including motor control center, electrical wiring, accessories and associated work.

Mechanical Contract

Date Received:	June 15, 1983
No. of Bids:	8
Low Bid:	\$123,317.00*
High Bid:	\$157,300.00*
Estimate of Cost:	\$140,520.00*
Awarded to:	Radico, Inc., Columbus, Ohio

Electric Contract

Date Received:	June 15, 1983
No. of Bids:	7
Low Bid:	\$ 22,517.00
High Bid:	\$ 30,800.00
Estimate of Cost:	\$ 23,480.00
Awarded to:	American Electric Construction, Columbus, Ohio

Total All Contracts:	\$145,834.00*
Total Contingency Allowance:	\$ 13,830.88 (which is 9 per cent of construction costs)
Total Project Cost:	\$163,000.00*
Funding:	B/A 210134

*Recommended alternates reflected in these figures.

July 8, 1983 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

AGRICULTURAL ADMINISTRATION BUILDING
4-H CENTER AREA

Description: This project will provide space within the east lobby of the Agricultural Administration Building to display current information concerning 4-H educational programs throughout Ohio and space in the Auditorium for 4-H exhibits. A Hall of Fame consisting of an exhibit of a gallery of photos will be added to the west wall of the Auditorium and a long display case to the east wall.

General Contract

Date Received:	May 24, 1983
No. of Bids:	7
Low Bid:	\$ 76,950.00
High Bid:	\$ 93,770.00
Estimate of Cost:	\$ 94,773.00
Awarded to:	Ed Ross Construction Co., Westerville, Ohio

Electric Contract

Date Received:	May 24, 1983
No. of Bids:	14
Low Bid:	\$ 16,128.00
High Bid:	\$ 29,500.00
Estimate of Cost:	\$ 27,370.00
Awarded to:	Eastmoor Electrical Contractors, Columbus, Ohio

Total All Contracts:	\$ 93,078.00
Total Contingency Allowance:	\$ 8,612.50 (which is 9 per cent of construction costs)
Total Project Cost:	\$118,409.28
Funding:	B/A 885184 (contributions)

July 8, 1983 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

CLASSROOM IMPROVEMENTS - PHASE III

Description: This project will provide for the renovation of various special lecture halls and general purpose classrooms located in Hagerty Hall, Evans Laboratory, and Smith Laboratory.

General Contract

Date Received:	June 7, 1983
No. of Bids:	5
Low Bid:	\$ 50,924.00*
High Bid:	\$ 75,200.00*
Estimate of Cost:	\$ 60,414.00*
Awarded to:	Paul Vlack Co., Canal Winchester, Ohio

HVAC Contract

Date Received:	June 7, 1983
No. of Bids:	1
Low Bid:	\$ 13,700.00
High Bid:	\$ 13,700.00
Estimate of Cost:	\$ 15,021.00
Awarded to:	J. A. Guy, Inc., Dublin, Ohio

Electric Contract

Date Received:	June 7, 1983
No. of Bids:	5
Low Bid:	\$ 12,347.00
High Bid:	\$ 16,900.00
Estimate of Cost:	\$ 15,443.00
Awarded to:	Jess Howard Electric, Blacklick, Ohio

*Recommended alternates reflected in these figures.

July 8, 1983 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

CLASSROOM IMPROVEMENTS - PHASE III (contd)

Total All Contracts:	\$ 76,971.00*
Total Contingency Allowance:	\$ 7,571.96 (which is 10 per cent of construction costs)
Total Project Cost:	\$100,000.00*
Funding:	Am. Sub. H.B. 552

*Recommended alternates reflected in these figures.

HAYES HALL AIR CONDITIONING

Description: This project will provide air conditioning for the entire building. Major renovations which were completed in 1978 included a design for the possibility of added air conditioning when funding became available. This work will include installation of a nominal 100-ton water chiller and matching air-cooled condenser; installation of chilled water coils in existing fan system along with associated piping and circulating pump; and all required temperature control devices and electrical services as required.

HVAC Contract

Date Received:	May 18, 1983
No. of Bids:	8
Low Bid:	\$ 65,440.00
High Bid:	\$ 87,963.00
Estimate of Cost:	\$ 66,800.00
Awarded to:	Holdridge Plumbing & Heating, Inc., Westerville, Ohio

Electric Contract

Date Received:	May 18, 1983
No. of Bids:	9
Low Bid:	\$ 3,636.00
High Bid:	\$ 7,304.00
Estimate of Cost:	\$ 5,750.00
Awarded to:	American Electric Construction, Columbus, Ohio

July 8, 1983 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

HAYES HALL AIR CONDITIONING (contd)

Total All Contracts:	\$ 69,076.00
Total Contingency Allowance:	\$ 6,155.85 (which is 9 per cent of construction costs)
Total Project Cost:	\$ 89,500.00
Funding:	B/A 210134

MASONRY REPAIRS
MANSFIELD REGIONAL CAMPUS AND LIMA REGIONAL CAMPUS

Description: This project will replace badly deteriorated mortar, broken or spalled brick as well as resealing all masonry openings with an elastomeric sealant at Galvin Hall at the Lima Regional Campus and Ovalwood Hall at the Mansfield Regional Campus.

General Contract - Mansfield Regional Campus

Date Received:	June 3, 1983
No. of Bids:	8
Low Bid:	\$ 40,280.00
High Bid:	\$135,000.00
Estimate of Cost:	\$131,700.00
Awarded to:	Trisco System Inc., Lima, Ohio

General Contract - Lima Regional Campus

Date Received:	June 3, 1983
No. of Bids:	8
Low Bid:	\$ 17,955.00
High Bid:	\$ 29,900.00
Estimate of Cost:	\$ 24,000.00
Awarded to:	Ohio Construction & Maintenance Corp., Springfield, Ohio

July 8, 1983 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

MASONRY REPAIRS
MANSFIELD REGIONAL CAMPUS AND LIMA REGIONAL CAMPUS (contd)

Total All Contracts:	\$ 58,235.00
Total Contingency Allowance:	\$ 5,970.74 (which is 10 per cent of construction costs)
Total Project Cost:	\$ 66,500.00
Funding:	Am. Sub. H.B. 552 - U & R

NOW THEREFORE

BE IT RESOLVED, That pursuant to the actions previously authorized by the Board, the award of contracts and the establishment of project funds and contingency funds for the projects listed above are hereby approved.

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

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PURCHASE OF PROPERTY

UNIVERSITY GARDEN APARTMENTS, WOOSTER, OHIO

Resolution No. 84-15

Synopsis: Authorization to purchase the University Garden Apartments in Wooster, Ohio.

WHEREAS the University has been presented with an opportunity to purchase a 94-unit apartment building, known as University Garden Apartments, located on a 3.71-acre tract at 1427 Dover Road, Wooster, Ohio, across from the Agricultural Technical Institute; and

WHEREAS the owner, Mr. Harold F. Zieg, has offered to sell this property to the University for \$800,000.00; and

WHEREAS the University has requested an appraisal of the value of this property; and

WHEREAS the appropriate University offices have determined that the purchase of this property is in the interest of the University; and

WHEREAS funds to purchase this property will be provided from the Office of Residence and Dining Halls, which will operate the building as a student dormitory;

July 8, 1983 meeting, Board of Trustees

PURCHASE OF PROPERTY (contd)

UNIVERSITY GARDEN APARTMENTS, WOOSTER, OHIO (contd)

NOW THEREFORE

BE IT RESOLVED, That the President and/or the Vice President for Business and Finance be authorized to take such action necessary to purchase, in the name of the State of Ohio for the use of The Ohio State University, the University Garden Apartments at a price of \$800,000.00 and upon such terms and conditions as are considered to be in the best interest of the University, subject to the purchase price being equal to or less than the University's appraisal and subject to the University obtaining the necessary approvals from the Ohio Board of Regents and the State Controlling Board.

Upon motion of Mrs. Bowser, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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1983-84 CURRENT FUNDS BUDGET

Resolution No. 84-16

Synopsis: The budget for 1983-84 is being submitted for adoption.

WHEREAS the levels of State support have been established with the enactment of budget legislation for the 1983-85 biennium; and

WHEREAS this Board approved tentative expenditure authorization for 1983-84 at its June meeting; and

WHEREAS the President is now prepared to present the final 1983-84 budget:

NOW THEREFORE

BE IT RESOLVED, That the University Current Funds Budget for Fiscal Year 1983-84, 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 by an average of 7 percent beginning Autumn Quarter, 1983, and that the Schedule of Student Fees effective Autumn Quarter, 1983, be hereby approved; and

BE IT FURTHER RESOLVED, That the Secretary be instructed to incorporate all supporting documents into the minutes of this meeting, including salary rolls with promotions, and fees and charges for the Fiscal Year 1983-84, and to file these materials with the official records of this University.

July 8, 1983 meeting, Board of Trustees

1983-84 CURRENT FUNDS BUDGET (contd)

Dr. Jacob made the following statement:

Before I take that motion, I would like to read the following statement, and then we will have that motion.

At the June 10, 1982 meeting of the Board it was determined that the time for reviewing the University President's compensation should conform with the timing of the annual review and approval of salary recommendations for the faculty, administrative staff, and Classified Civil Service personnel of the University. In accordance with this mandate, the Personnel Committee of the Board met this noon to review President Jennings' salary as well as his benefits entitlements. In the context of his review we also analyzed and reviewed salary levels of all Big 10 presidents as well as presidents' salaries of other comparable graduate research institutions.

In our deliberations we naturally reflected on the performance of the President during the past year, and it is our committee's consensus judgment that President Jennings has done an unequivocally commendable job in every aspect of his performance. He has provided not only the expected strong leadership in setting the standards of excellence for all of us, but he has also demonstrated a unique competency and sensitivity in addressing the many complex, diverse, and difficult problems which have confronted this University. The Personnel Committee of the Board recognizes that being a public-assisted institution places necessary limits as to what can be done in the area of compensation for staff and faculty, including the President. However, it is the view of this committee that meritorious accomplishments deserve recognition not only in the form of complimentary remarks, but also in the form of monetary adjustments. With this in mind it is the recommendation of the Personnel Committee of the Board of Trustees that President Jennings' salary be adjusted by an increase of 8 percent. This proposed change will ensure that President Jennings is at least comparable in compensation to his peers in the Big 10. I would like to ask for a motion to approve the President's budget as well as the recommendation of the Personnel Committee as set forth in this report.

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

July 8, 1983 meeting, Board of Trustees

1983-84 CURRENT FUNDS BUDGET FOR THE OHIO STATE UNIVERSITY

I. INTRODUCTION

In June, 1983, this Board approved budget guidelines and a tentative expenditure authorization for the 1983-84 fiscal year. These approvals were in anticipation of the funding authorization from the State of Ohio in the budget bill then under consideration.

The Ohio General Assembly proceeded to pass budget legislation for the 1983-85 Biennium and the Governor has signed this legislation. The level of State funds provided for the 1983-84 fiscal year will enable this University to support the budget guidelines authorized by this Board in June, 1983, including keeping the increases in University fees and charges to an average rate of less than 7 percent.

II. SOURCES OF FUNDS

The sources of current funds in support of the 1983-84 budget total \$712,824,000, as detailed in the schedule of Sources of Income to Support 1983-84 Budget. This amount includes State support totaling \$211,114,993, which remains some \$5,500,000 below the funding level originally appropriated for this past fiscal year prior to the cuts in State funding which occurred in June, 1982, and January, 1983. Of these sources of funds, Columbus Campus general funds represent 42 percent of the total with earnings operations generating 35 percent, restricted grants and contracts 18 percent, and the regional campuses revenues with OARDC totaling 5 percent.

While the guidelines approved in June, 1983, included a 7 percent increase in student fees, the final State budget provided no increase in funding which would enable this University to further reduce the high percentage of student contribution to their costs of higher education. Even more serious is that the level of State support for the instructional subsidies planned for 1984-85 may result in greater deterioration in this percentage. As stated previously, while every effort will be made to improve student accessibility through moderate student tuition, quality education will continue to be the highest priority. Therefore, for 1983-84, the average increase in student fees has been recommended at 7 percent effective Autumn Quarter, 1983.

Every effort has been made to maintain all fees and charges of the University within an overall average of 7 percent, and this result has been achieved with the final average being 6.8 percent. Even more important to achieving the goal of improved accessibility is that the charges to typical students averaged significantly less than 7 percent. The increase in typical student charges ranged from 5.1 to 6.4 percent, as detailed in the supporting budget materials.

It is hoped that the State's estimates of their revenues will not result in further midyear State funding reductions similar to those which have occurred over the past three years. At this time no special contingency reserve fund is being recommended since any unexpected shortfalls in State support during the first year of the 1983-85 biennium can be addressed over the remaining months until June 30, 1985.

July 8, 1983 meeting, Board of Trustees

1983-84 CURRENT FUNDS BUDGET
FOR THE OHIO STATE UNIVERSITY (contd)

III. USES OF FUNDS

As detailed in the schedule of Budgeted Expenditures for 1983-84 and the supporting documents, this University's current fund expenditures total \$712,518,000, in support of the budget guidelines authorized by this Board at its meeting on June 9, 1983.

Due to the limitations in State funding, this 1983-84 budget includes having the colleges and administrative areas fund from current resources 2 percent of the salary guidelines for faculty and administrative/professional staff on General Fund budgets. This reallocation totaled \$2.0 million, net of a \$500,000 contingency fund used to assist areas for which such a reallocation would have created extraordinary hardships.

It is important that both years of the biennium be considered in our budget planning since State funding has been authorized for the two-year period 1983-85. While preliminary plans were to make further progress in reducing the rate of increase in student fees to below the 7 percent increase for 1983-84, the level of State support being provided will require us to reconsider these plans. The level of State funding for the next fiscal year may require student fee increases above this year's 7 percent and further budget reallocation within all areas of the University. Careful analyses of the possible options will be reviewed over the next several months as we observe the status of the State revenue situation.

July 8, 1983 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY
Sources of Income to Support 1983-84 Budget
(In Millions)

	1982-83 Budget <u>July 1, 1982</u>	1982-83 Revised Budget	1983-84 Proposed Budget
Columbus Campus			
State Appropriations	\$ 178.01	\$ 165.43	\$ 191.36
Student Fees	100.78	102.83	110.03
Other Income			
Federal Grants & Contracts	67.46	63.97	66.31
Ohio Grants & Contracts	7.32	6.99	8.08
Local Grants & Contracts	9.17	10.20	10.81
Private Gifts & Grants	27.56	28.87	30.00
Endowment Income	5.95	6.62	6.83
Departmental Sales & Service	18.17	18.03	19.36
Auxiliary Sales & Services	61.75	59.97	64.37
Hospital Sales & Services	134.65	138.66	154.21
Other Sources	12.95	18.03	13.78
Total Other Income	344.98	351.34	373.74
TOTAL COLUMBUS CAMPUS	\$ 623.77	\$ 619.60	\$ 675.14
Regional Campuses			
State Appropriations	\$ 6.34	\$ 6.08	\$ 6.11
Student Fees	6.13	5.77	6.20
Other Income	1.77	1.65	1.96
TOTAL REGIONAL CAMPUSES	\$ 14.24	\$ 13.49	\$ 14.27
OARDC			
State Appropriations	\$ 12.18	\$ 11.42	\$ 13.65
Federal Appropriations & Grants	7.05	6.46	6.59
Other Income	2.93	3.17	3.17
TOTAL OARDC	\$ 22.16	\$ 21.05	\$ 23.41
TOTAL ALL CAMPUSES	\$ 660.18	\$ 654.15	\$ 712.82
Total University Summary			
State Appropriations	\$ 196.53	\$ 182.93	\$ 211.12
Student Fees	106.91	108.60	116.23
Other Income	356.74	362.62	385.47
GRAND TOTAL	\$ 660.18	\$ 654.15	\$ 712.82

July 8, 1983 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY
 Budgeted Expenditures for 1983-84
 (In Millions)

	1982-83 Budget <u>July 1, 1982</u>	1982-83 Revised <u>Budget</u>	1983-84 Proposed <u>Budget</u>
Columbus Campus			
Educational & General	\$ 409.54	\$ 402.61	\$ 439.81
Auxiliary Enterprises			
Residence & Dining Halls	25.17	23.98	26.30
Intercollegiate Athletics	10.73	11.92	13.14
Other Auxiliaries	19.46	20.25	21.44
Total Auxiliaries	55.36	56.15	60.88
University Hospitals	149.46	149.92	166.91
Total Columbus	\$ 614.36	\$ 608.68	\$ 667.60
Non-Mandatory Transfers	2.02	2.89	3.19
TOTAL COLUMBUS CAMPUS	\$ 616.38	\$ 611.57	\$ 670.79
Regional Campuses			
Agricultural Technical Inst.	\$ 3.79	\$ 3.65	\$ 3.91
Lima Campus	2.71	2.45	2.51
Mansfield Campus	2.59	2.93	3.17
Marion Campus	2.00	1.93	2.12
Newark Campus	3.12	2.57	2.64
TOTAL REGIONAL CAMPUSES	\$ 14.21	\$ 13.53	\$ 14.35
OARDC	\$ 22.16	\$ 21.84	\$ 23.37
TOTAL ALL CAMPUSES	\$ 652.75	\$ 646.94	\$ 708.50
Mandatory Transfers	4.21	4.21	4.01
GRAND TOTAL	\$ 656.96	\$ 651.15	\$ 712.51

July 8, 1983 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY
1983-84 CURRENT FUNDS BUDGET

Annual Fee Structure
Effective Autumn Quarter, 1983

Student Category	Actual 1981-82			Actual 1982-83			Budgeted 1983-84			
	Instructl	General	Total	Instructl	General	Total	% Incr	Instructl	General	Total % Incr
Columbus Campus										
Resident										
Undergraduate	\$ 1075	\$ 255	\$ 1330	\$ 1173	\$ 285	\$ 1458	10%	\$ 1254	\$ 303	\$ 1557 7%
Graduate	1455	255	1710	1596	285	1881	10	1707	303	2010 7
Graduate Professional										
Law	1715	255	1970	1881	285	2166	10	2013	303	2316 7
Medicine	3045	255	3300	3342	285	3627	10	3576	303	3879 7
Dentistry, Optometry										
Veterinary Medicine	2495	255	2750	2739	285	3024	10	2931	303	3234 7
Non-Resident										
Undergraduate	3135	255	3390	3441	285	3726	10	3681	303	3984 7
Graduate	3850	255	4105	4233	285	4518	10	4527	303	4830 7
Graduate Professional										
Law	4280	255	4535	4704	285	4989	10	5034	303	5337 7
Medicine	6475	255	6730	7542	285	7827	16	8070	303	8373 7
Dentistry, Optometry										
Veterinary Medicine	5925	255	6180	6939	285	7224	17	7425	303	7728 7
Regional Campuses										
Resident										
Undergraduate	1145	210	1355	1173	240	1413	4	1254	255	1509 7
Graduate	1525	210	1735	1596	240	1836	6	1707	255	1962 7
Non-Resident										
Undergraduate	3205	210	3415	3441	240	3681	8	3681	255	3936 7
Graduate	3920	210	4130	4233	240	4473	8	4527	255	4782 7

Note: Values shown are actual academic year fees assessed.

July 8, 1983 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY
1983-84 CURRENT FUNDS BUDGET

Student Fee Schedule
Autumn 1983

College or School	Credit Hours Enrollment	Instructional Fees	General Fees	Resident Total	Non-Resident Tuition	Non-Resident Total
Administrative Science						
Agriculture & Home Economics						
Allied Medical Professions						
Architecture						
The Arts						
Biological Sciences						
Continuing Education						
Dental Hygiene						
Education						
Engineering	0-1	\$ 70	\$ 13	\$ 83	\$ 67	\$150
Health, Phys. Educ. & Rec.	2	89	18	107	135	242
Humanities	3	105	25	130	202	332
Journalism	4	139	33	172	270	442
Mathematics & Physical Sci.	5	174	42	216	337	553
Music	6	209	51	260	404	664
Natural Resources	7	244	59	303	472	775
Nursing	8	279	67	346	539	885
Pharmacy	9	313	76	389	606	995
Social & Behavioral Sciences	10	348	84	432	674	1106
Social Work	11	383	93	476	742	1218
University College	12+	418	101	519	809	1328
Graduate School	0-1	71	12	83	94	177
	2	114	20	134	188	322
	3	170	30	200	282	482
	4	228	40	268	376	644
	5	285	50	335	470	805
	6	341	61	402	564	966
	7	398	71	469	658	1127
	8	455	81	536	752	1288
	9	512	91	603	846	1449
	10+	569	101	670	940	1610

July 8, 1983 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY
1983-84 CURRENT FUNDS BUDGET

Student Fee Schedule
Autumn 1983

College or School	Credit Hours Enrollment	Instructional Fees	General Fees	Resident Total	Non-Resident Tuition	Non-Resident Total
Graduate						
Professional						
Law	0-3	\$168	\$ 25	\$193	\$252	\$445
Pharmacy, Doctor of	4	221	33	254	332	586
	5	280	42	322	421	743
	6	335	51	386	503	889
	7+	671	101	772	1007	1779
Medicine	0-3	298	25	323	375	698
	4	393	33	426	494	920
	5	498	42	540	626	1166
	6	596	51	647	749	1396
	7+	1192	101	1293	1498	2791
Dentistry	0-3	244	25	269	375	644
Optometry	4	322	33	355	494	849
Veterinary Medicine	5	408	42	450	626	1076
Medicine	6	488	51	539	749	1288
	7+	977	101	1078	1498	2576
Executive M.B.A.						
1st year	--	1724	101	1825	940	2765
2nd year	--	1665	95	1760	879	2639

July 8, 1983 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY
1983-84 CURRENT FUNDS BUDGET

Student Fee Schedule
Autumn 1983

College or School	Credit Hours Enrollment	Instructional Fees	General Fees	Resident Total	Non-Resident Tuition	Non-Resident Total
Regional Campuses						
Undergraduate	0-1	\$ 70	\$ 13	\$ 83	\$ 67	\$150
	2	89	18	107	135	242
	3	105	21	126	202	328
	4	139	28	167	270	437
	5	174	35	209	337	546
	6	209	43	252	404	656
	7	244	49	293	472	765
	8	279	56	335	539	874
	9	313	63	376	606	982
	10	348	70	418	674	1092
	11	383	78	461	742	1203
	12+	418	85	503	809	1312
Graduate	0-1	71	12	83	94	177
	2	114	17	131	188	319
	3	170	26	196	282	478
	4	228	34	262	376	638
	5	285	42	327	470	797
	6	341	51	392	564	956
	7	398	60	458	658	1116
	8	455	68	523	752	1275
	9	512	77	589	846	1435
	10+	569	85	654	940	1594

July 8, 1983 meeting, Board of Trustees

AGREEMENT WITH THE OHIO BOARD OF REGENTS
FOR THE OPERATION OF THE RESEARCH
AND GRADUATE EDUCATION FACILITY AT
THE TRANSPORTATION RESEARCH CENTER OF OHIO

Resolution No. 84-17

Synopsis: Authorization to enter into a renewal agreement with the Ohio Board of Regents for the operation of the Research and Graduate Education Facility at the Transportation Research Center of Ohio is requested.

WHEREAS the Ohio Board of Regents has requested that The Ohio State University enter into a contract with the Regents for the purpose of continuing the management of the Regents' Research and Graduate Education Facility at the Transportation Research Center of Ohio for the benefit of all institutions of higher education in the State of Ohio; and

WHEREAS this contract provides that The Ohio State University will be responsible for convening an Advisory Board comprised of deans of the engineering colleges of the State-assisted and private colleges in Ohio for the purpose of consulting on matters relating to control and management of this facility:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Finance be authorized to enter into such an agreement with the Ohio Board of Regents for the operation of the Research and Graduate Education Facility located at the Transportation Research Center of Ohio for the period July 1, 1983, through June 30, 1985.

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

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REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 84-18

RESOLVED, That the report on the University's Investment Portfolio, dated June 17, 1983, 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, September 2, 1983, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Madison H. Scott
Secretary

John D. Jacob, D.D.S.
Chairman

APPENDIX I

Degrees Conferred at

THE OHIO STATE UNIVERSITY
COMMENCEMENT CONVOCATION

September 1, 1983

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Commencement Speaker

Leo A. Paquette

Today's commencement speaker joined the faculty of The Ohio State University Department of Chemistry in 1963 as assistant professor, and in 1981 he was named the Kimberly Professor of Chemistry. He received his B.S. degree *magna cum laude* from Holy Cross College in 1956 and was awarded his doctorate in organic chemistry by the Massachusetts Institute of Technology in 1959. He then worked as a research associate with the Upjohn Company for four years before coming to Ohio State.

Dr. Paquette has been a visiting professor at Michigan State University, the University of Iowa, the University of Colorado, the University of California at Santa Barbara, the University of Gröningen, Texas A&M University, and Northwestern University. He has served as an adviser on the Medicinal Chemistry B Study Section of the National Institutes of Health and as a member of the editorial boards of the *Journal of Organic Chemistry*; *Mechanisms of Reactions of Sulfur Compounds*; and *Chemical Reviews*. Currently, he is a member of the editorial boards of *Organic Reactions*; *Synthetic Communications*; and *Current Abstracts of Chemistry and Index Chemicus*. He is also a member of the Chemistry Division Advisory Committee of the National Science Foundation.

In 1965, Professor Paquette was named a Fellow of the Alfred P. Sloan Foundation. On several occasions he has been honored by the American Chemical Society: Morley Medalist of the Cleveland Section in 1971; recipient of the Columbus Section Award in 1979; and designated recipient of the Award for Creative Work in Synthetic Organic Chemistry in 1984. He was a Guggenheim Fellow in the 1976-77 academic year and was elected to the National Academy of Sciences in 1983. In 1980, The Ohio State University honored him with its prestigious Senior Research Award. He is the author of 550 research papers in organic chemistry and has more than 40 patents to his credit.

Recipients of Honors

Herman Chernoff **Doctor of Science**

Professor of applied mathematics and director of the Statistics Center at the Massachusetts Institute of Technology, Herman Chernoff has been recognized internationally for his work in mathematics and statistics. The most recent evidence of his international reputation came when more than 25 distinguished statisticians agreed to provide papers on the occasion of his sixtieth birthday, all of which will be published in a Festschrift volume by Academic Press.

During his long academic career, Dr. Chernoff has been a visiting professor at Columbia University, the Center for Advanced Study in the Behavioral Sciences, the London School of Economics, the University of Rome, Hebrew University, and the Institute of Statistical Mathematics in Japan. A productive writer, he has published almost 100 scholarly articles and two books in addition to working as an editor for several of the leading journals in his field. A former president of the Institute of Mathematical Statistics, he is also a member of the American Academy of Arts and Sciences and the National Academy of Sciences.

His work in sequential analysis, pattern recognition, optimal design theory, classification, and optimal control theory has significantly broadened the foundations of modern statistics. A technique he devised, known as "Chernoff faces," has been widely used by communications media to represent data in several dimensions.

The Ohio State University takes great pride in honoring Professor Chernoff for his fundamental and sustained contributions to statistics by awarding him its highest honor, the degree of Doctor of Science, *honoris causa*.

Ralph Landau **Doctor of Science**

As the University continues its efforts to strengthen its ties to business and industry, no one can better illustrate the nature and benefits of such ties than Dr. Ralph Landau. A man of diverse talents, Ralph Landau has a rare combination of business, academic, and engineering acumen. His contributions and leadership in the laboratory led to major breakthroughs that made possible far-reaching innovations in manufacturing processes. A successful entrepreneur, he was then able to help realize the potential market for and applications of his work. Dr. Landau rose quickly through the managerial ranks after participating in the founding of Scientific Design and later Hakon International, Inc., where he has served as president.

Dr. Landau has distinguished himself as a teacher and is an adjunct professor of management, technology, and society at the University of Pennsylvania, where he also serves as a trustee. The author of over 90 publications, he holds 11 U.S. patents and 19 foreign patents. His varied endeavors have earned him numerous awards, including the Petroleum and Petrochemical Division Award of the American Institute of Chemical Engineers, the Chemical Industry Medal and the Perkin Medal of the American Section of the Society of the Chemical Industry, the Winthrop-Sears Medal of the Chemical Industry Association, and the New Jersey Science/Technology Medal of the New Jersey Research and Development Council.

In awarding Dr. Landau the degree of Doctor of Science, *honoris causa*, the University seeks to reaffirm its relationship with the world beyond its doors and to publicly thank Dr. Landau for helping to keep them open.

Lloyd M. Parks
Doctor of Science

Ohio State has been fortunate in having many excellent administrators to oversee the operations of its diverse programs and to chart a course to excellence. Lloyd M. Parks, Dean Emeritus of the College of Pharmacy, is a shining example of this tradition. Dean Parks joined the College of Pharmacy in 1956, and for over 20 years he guided that college and helped it achieve the international stature it enjoys today. There are few pharmacists who can boast the string of awards bestowed upon Dean Parks. He began earning accolades for his work in pharmacy early in his career, winning the Ebert Prize of the American Pharmaceutical Association for research in pharmacy in 1952. He later was given the Beal Award of the Ohio State Pharmaceutical Association for his outstanding contributions to the profession of pharmacy. Dr. Parks also received what is generally recognized as pharmacy's highest award, the Remington Medal, in 1975, and in 1977 Ohio State's College of Pharmacy building was renamed Lloyd M. Parks Hall in his honor.

Dean Emeritus Parks received a honorary doctorate from Purdue University and from Union College. He also was awarded the University of Wisconsin Citation in 1965. Before coming to Ohio State, he was a member of the faculty of the University of Wisconsin for 18 years, advancing through the ranks from instructor to professor of pharmaceutical chemistry. Dean Parks received his bachelor's and his master's degrees from Purdue University and his doctorate from the University of Wisconsin.

The University community is especially pleased to recognize the achievements and distinguished career of Dean Emeritus Parks by awarding him the degree of Doctor of Science, *honoris causa*.

Richard D. Altick
Distinguished Service Award

Regents Professor Emeritus Richard D. Altick is the epitome of all that Ohio State aspires to be. His massive accomplishment and international influence as a research scholar have earned for this University a reputation that is second to none. After joining the University in 1945, Professor Altick quickly rose through the ranks, becoming a full professor in just five years and setting the pace for scholarly research in the Department of English for the next 38 years. The author of 15 books, more than 60 scholarly articles, and many reviews—Richard Altick has written for the specialist and nonspecialist alike. A Guggenheim Fellow, a Fellow of the American Council of Learned Societies, a Newberry Library Fellow, Professor Altick has served his profession in every capacity imaginable and in so doing has served The Ohio State University. A university is judged by the quality of its faculty and students, and the stature of a scholar like Richard Altick ensures that The Ohio State University can meet any test and will always be judged as having surpassing standards.

William R. "Ziggy" Coyle
Distinguished Service Award

Big Band leader, trumpet player, businessman, and devoted alumnus, William R. "Ziggy" Coyle has been faithfully serving his alma mater and the world of music since the 1940s. An early devotee of the trumpet, he got his nickname from imitating Tommy Dorsey's famous trumpet player, Ziggy Elman. After graduating from Ohio State in 1948, Ziggy Coyle taught instrumental music in Columbus schools until 1952, when he bought the music business that was to become Coyle Music. His business successes led to his being named one of the ten outstanding young men in the music industry in 1967. Ziggy has spearheaded fund raising drives for organizations of which he has been a member. He has served as chairman of the School of Music Association of Alumni and Friends and as chairman of the School of Music Scholarship Fund Drive. He has also served as president of the TBDBITL Alumni Association and for many years has coordinated the Ohio State Franklin County Marching Band concerts, which have raised money for scholarships. He recently has become very active in the Friends of WOSU, and last year he received the Ohio State Alumni Citizenship Award.

M. Merle Harrod**Distinguished Service Award**

An Ohio State alumnus, M. Merle Harrod has faithfully served his alma mater since receiving his undergraduate degree more than 50 years ago. A 1928 graduate, he was the president of his senior class and went on to distinguish himself by becoming a charter member of the Presidents Club. He served as vice president of the Alumni Association in 1952 and was a member of the Association's Board of Directors for six years. His most exemplary service, however, came in his years as a member of the University's Board of Trustees. During his nine year term, which began in 1969, the University weathered the storm of student unrest and witnessed a major realignment in its structure and programs. The capital investment in buildings and equipment during those years has never been exceeded in the history of the University. His thoughtful support of Presidents Fawcett and Enarson and his commitment to the University's mission helped ensure that Ohio State would continue a tradition of excellence, a tradition best exemplified by dedicated and loyal alumni like M. Merle Harrod.

Ross Lawler Mooney**Distinguished Service Award**

Very few professors have made a greater contribution to Ohio State's College of Education than has Professor Emeritus Ross L. Mooney. His illustrious career spans almost two-thirds of the college's history and he has served his college in various ways. After joining the University's Bureau of Educational Research in 1938, he went on to become professor of research and later professor of education, and in 1975 he was appointed Professor Emeritus of Education. His constant efforts to develop organic and integrative methods for teaching and research left him outside the mainstream of his profession for many years. Happily for the University, his colleagues, and his students, he persisted, and since the late 1960s he began to be heard. Professor Mooney's ideas have been realized in many ways, chief among them the Freshman Foundation Program. His perception laboratory and research material are widely used, and his work has profoundly influenced many faculty members, especially those dealing with curriculum, instruction, and development. In 1973 he received the University Distinguished Teaching Award.

William F. Rounds**Distinguished Service Award**

They also serve who sit and write. This turn of an old phrase aptly describes William F. Rounds, who for over 35 years has covered and reported on the University, its many programs, and its people. After joining the University in 1946, Mr. Rounds served for 12 years as assistant director of the Bureau of Public Relations. From 1958 to 1969, he was an editor with the Office of News and Information Services and became its director in 1969. In 1975 he was appointed coordinator of internal information in the Office of Communications Services, a position he held until his retirement in 1981. Mr. Rounds wrote countless news and feature stories that resulted in favorable publicity about the accomplishments of the University's students, faculty, and staff. He served as a mentor to scores of student assistants who worked for him, many of whom are now putting his knowledge and skill to work at institutions all across the nation. After singing the praise of others for so long, it is fitting that the University now sing his praise by bestowing upon him its Distinguished Service Award.

The Graduate School

Dean: Jules B. LaPidus

Doctor of Philosophy

Lenox Berchael Abbott, New York City, N.Y.; B.S. (Herbert H. Lehman College); M.S. (Youngstown State University); *Pathology*;
Dr. John A. Lott

Robert Joseph Abbott Jr., Pittsburgh, Pa.; B.S. (Edinboro State College); *Molecular, Cellular and Developmental Biology*;
Dr. George A. Marzful

Ahmed Ahmed Abdelaziz, Cairo, Egypt; B.S., M.S. (Cairo University); *Microbiology*;
Dr. Chester I. Randles

Baher Labeeb Abousti, Giza, Cairo, Egypt; B.S., Diploma (Cairo University); M.Eng. (Memorial University of Newfoundland, Canada); *Engineering Mechanics*;
Dr. Sunder H. Advani

Tade Adenrele Adedokun, Offa, Kwara, Nigeria; B.A. (Malone College); M.A.; *Entomology*;
Dr. David L. Denlinger

Dale Edward Alexander, Columbus; B.S., M.S.W. (Florida State University); *Education*;
Dr. Donald J. Tosi

Michael S. Alexander, Cleveland; B.S. (University of Notre Dame); M.S.; *Pharmacology*;
Dr. Brian D. Andresen

Sa'Id Khadher Al-Orabi Al-Harithi, Riyadh, Saudi Arabia; B.A. (Riyadh University); M.A. (Michigan State University); *Communication*;
Dr. James L. Golden

Khodran Hamdan Al-Zahrani, Zahran, Saudi Arabia; B.S. (Riyadh University); M.S. (Oregon State University); *Agricultural Education*;
Dr. J. Robert Warmbrod

Etim Anwana Amba, Oron, Cross River State, Nigeria; B.S. (University of Nigeria); M.S.; *Agronomy*;
Dr. Trevor G. Amcott

Susan Kim Andersen, Chicago Heights, Ill.; B.S., M.S. (Illinois State University); *Medical Microbiology and Immunology*;
Dr. Deborah S. Parris

Ronnie Ancona, New York, N.Y.; B.A., M.A. (University of Washington); *Classics*;
Dr. Charles L. Babcock

Randall Eugene Anderson, Columbus; B.A. (University of California at Riverside); Th.M. (Dallas Theological Seminary); *Communication*;
Dr. James L. Golden

Kofi Konadu Apraku, Akumadan, Ashanti, Ghana; B.S., M.S. (Oregon State University); *Agricultural Economics and Rural Sociology*;
Dr. Leroy J. Hushak

Sandra Curry Ardrey, Raleigh, N.C.; B.A. (Winston-Salem State University); M.A.; *Political Science*;
Dr. William E. Nelson

Kevin David Arnold, Galion; B.S. (Grace College); M.A.; *Psychology*;
Dr. Gerald A. Winer

Christopher Burke Amussen, Delaware; A.B. (Oberlin College); M.A. (University of Chicago); M.A. (Columbia University); *Education*;
Dr. George P. Ecker

Abraham Banai, Haifa, Israel; B.S., M.S. (Israel institute of Technology); *Civil Engineering*;
Dr. Charles A. Moore

Steven Philip Barker, New Orleans, La; A.B.J., M.A. (University of Georgia); *Art Education*;
Dr. Kenneth A. Marantz

Ran Bar-Niv, Israel; B.A. (The University of Haifa, The Hebrew University of Jerusalem); M.B.A. (Tel Aviv University); *Business Administration*;
Dr. David L. Bickelhaupt

Bartram Paul Beaudin, Columbus; B.A. (York University); M.Ed. (The University of Toronto); *Education*;
Dr. William D. Dowling

Marc Allan Beckwith, Columbus; B.A., M.A. (University of Washington); *English*;
Dr. Rolf H. Soelner

Susan Belinda Berkowitz, Westerville; B.A. (Otterbein College); M.A.; *Education*;
Dr. Joseph J. Quaranta

Bonnie Lou Berry, West Alexandria; B.A. (Miami University); M.A.; *Sociology*;
Dr. Simon Dinitz

Frances Marie Blake, Columbus; B.A.; *Education*;
Dr. Donald P. Sanders

Douglas Emerson Blandy, Columbus; B.S. (Ohio University); M.A.; *Art Education*;
Dr. Kenneth A. Marantz

Frances Beth Bontempo, Dallas, Texas; B.A., M.A. (Stephen F. Austin State University); *Psychology*;
Dr. John C. Gibbs

Methanee Boonyuen, Bangkok, Thailand; B.S. (Chulalongkorn University); M.A.; *Education*;
Dr. Donald R. Bateman

Matana Boritsud, Bangkok, Thailand; B.S., M.Eng. (Chulalongkorn University); *Pharmacology*;
Dr. Brian D. Andresen

Thomas Alan Boyd, St. Louis, Mo.; B.A. (University of Missouri at St. Louis); M.A.; *Political Science*;
Dr. Herbert F. Weisberg

Therese Cabana, Montreal, Quebec, Canada; B.S., M.S. (Universite de Montreal); *Anatomy*;
Dr. George F. Martin

Raul A. Caban-Ramos, Bayamon, Puerto Rico; B.A., M.A. (Interamerican University); *Education*;
Dr. James V. Wight

Lisa Ann Callahan, Marion; B.S., M.A.; *Sociology*;
Dr. Simon Dinitz

Joseph William Carl, Dayton; B.S.E.E. (University of Missouri); M.S.E.E. (Air Force Institute of Technology); *Electrical Engineering*;
Dr. Robert B. Lackey

Glenn Robert Carlton, Columbus; B.A. (David Lipscomb College); M.A.; *Education*;
Dr. Judy L. Genshaft

John James Cassidy, Columbus; B.S.W.; M.S.W. (Case Western Reserve University); *Social Work*;
Dr. Keith M. Kilty

Chand K. Chauhan, Columbus; B.S. (St. John's College); M.S. (John Carroll University); M.S. (Miami University); *Statistics*;
Dr. Douglas A. Wolfe

Chao-Lang Chen, Taichung, Taiwan, R.O.C.; B.S. (National Taiwan University); M.A. (University of Hawaii); *Agricultural Economics and Rural Sociology*;
Dr. David O. Hansen

Fidella Chinyere Chukwuma, Oko, Anambra, Nigeria; B.S. (University of Nigeria); M.A.; *Education*;
Dr. Virgil E. Blake

Catherine Lynne Conwell, Charlotte, N.C.; B.A. (University of Iowa); M.Ed. (University of North Carolina); *Education*;
Dr. Stanley L. Helgeson

Nancy Louise Cooke, Columbus; B.S., M.A.; *Education*;
Dr. William L. Heward

Donna Lee Couchenour, Herminie, Pa.; B.S. (Clarion State College); M.S. (West Virginia University); *Home Economics*;
Dr. Barbara M. Newman

Renee S. Cox, Chattanooga, Tenn.; B.M. (Oberlin College); M.M. (University of Michigan); *Music*;
Dr. Herbert S. Livingston

Vicki Lynn Daniels, Minneapolis; B.B.A. (University of San Diego); *Business Administration*;
Dr. Larry P. Ritzman

Mary E. Daniels-Nelson, Columbus; B.S. (Bowling Green State University); M.A. (Ball State University); *Education*;
Dr. Robert R. Bargar

Anthony Charles DeVuomo, Columbus; B.S., M.S.; *Nuclear Engineering*;
Dr. Richard N. Christensen

Robert Gerard Dewberry, Baltimore, Md.; B.A. (Loyola College of Baltimore); M.A.; *Psychology*;
Dr. Donald R. Meyer

Patricia E. Veasey D'Souza, Norwood, Ga.; B.S. (Fort Valley State College); M.A., M.B.A.; *Education*;
Dr. Otto Santos, Jr.

Donna Marie Dugas, Donaldsonville, La.; B.S., M.S. (Louisiana State University); *Health, Physical Education and Recreation*;
Dr. Daryl L. Siedentop

Mark Stephen Ewing, Zanesville; B.S. (United States Air Force Academy); M.S.; *Engineering Mechanics*;
Dr. A. W. Leissa

Deborah Baum Falkner, Columbus, B.A. (Kenyon College); M.A.; *Psychology*;
Dr. Henry Leland

Galip Feyzioğlu, Eskişehir, Turkey; B.A. (Robert College of Istanbul); *Economics*;
Dr. Tetsunori Koizumi

Charlotte Marie Findell, Sandpoint, Idaho; B.S. (University of Utah); M.S. (University of Washington); *Medical Microbiology and Immunology*;
Dr. Abramo C. Ottolenghi

Patricia Susan Fitzsimons, Kettering; B.S.N. (Cornell University); M.A. (New York University); *Education*;
Dr. Ayres G. D'Costa

James Luther Garner, Vermillion, B.S. (Cleveland State University); M.S.; *Physics*;
Dr. David G. Stroud

Stacy Andrew Gartin, Hasty, Colo.; B.S. (Colorado State University); M.S.; *Agricultural Education*;
Dr. J. Robert Warmbrod

Timothy Paul Gelsbuhler, Woodville; B.S. (Bowling Green State University); M.S. (University of Cincinnati); *Physiological Chemistry*;
Dr. Gerald P. Brierley

Michael Edward Gerner, Columbus; B.S.; M.A.; *Education*;
Dr. Judy L. Gershaft

Marilyn Jean Gibbs, Richmond, Va.; B.S. (East Stroudsburg State College); M.A. (University of Iowa); *Health, Physical Education and Recreation*;
Dr. Barbara A. Nelson

Hoay Beng Gool, Penang, Malaysia; B.S. (National Taiwan University); M.S. (University of New Brunswick); *Electrical Engineering*;
Dr. Stephen A. Sebo

Jack Gary Gordon, New York, N.Y.; B.S. (City College of New York); M.A.; *Psychology*;
Dr. Robert S. Billings

William Brent Green, Jr., Abilene, Texas; B.S. (Abilene Christian University); M.S.; *Genetics*;
Dr. George A. Marzulf

William Bryan Griffith, Jr., St. Petersburg, Fla.; B.S. (University of Florida); *Chemistry*;
Dr. C. Weldon Mathews

Jo Ellen Güttermann, Norfolk, Va.; B.A. (Ohio University); M.Ed. (University of Cincinnati); *Education*;
Dr. Judy L. Genshaft

Judith Karen Gwathmey, Richmond, Va.; B.A., V.M.D. (University of Pennsylvania); *Veterinary Physiology and Pharmacology*;
Dr. Robert L. Hamlin

Bethina Louise Harlan, Springfield; B.A. (Gettysburg College); M.A.; *English*;
Dr. Arnold Shapiro

Joe Grant Harper, Dublin; B.S. (Virginia Polytech Institute); M.Ed. (Pennsylvania State University); *Agricultural Education*;
Dr. J. David McCracken

Claire Lanier Hart, Dunedin, Fla.; B.A., M.A. (University of South Florida); *Health, Physical Education, and Recreation*;
Dr. Daryl L. Siedentop

Ronald Chester Hartwig, North Olmsted; B.S. (The University of Akron); M.S.; *Agronomy*;
Dr. Eugene O. McLean

Krishnamurthy G. Hegde, Karki, Karnataka India; B.E. (Karnatak University); M.B.A.; *Business Administration*;
Dr. Edward J. Kane

Aly Salem Helikal, Cairo, Egypt; B.S., M.S. (Ain Shams University); *Civil Engineering*;
Dr. Zoltan A. Nemeth

Richard Leo Hellmich II, Greensburg, Ind.; B.A. (DePaul University); M.S.; *Entomology*;
Dr. Walter C. Rothenbuhler

Albert A. Herzog, Jr., Columbus; B.A. (Mount Union College); M.Div. (Methodist Theological School); M.A.; *Sociology*;
Dr. John Seider

Tanyl Ann Holbrook, Columbus; B.A., B.S., M.A.; *Education*;
Dr. James V. Wightl

Robert Louis Horton, Lewiston, N.Y.; B.S. (Cornell University); M.S.; *Agricultural Education*;
Dr. Lawrence H. Newcomb

Michael Chiu-Kuei Hu, Columbus; B.S. (National Cheng-Kung University); M.S.; *Chemical Engineering*;
Dr. Christie J. Geankoplis

Jeanne M. Huelsman, Euclid; B.S. (Notre Dame College); M.A.; *Education*;
Dr. Robert R. Bargar

David Cheung-Yan Hung, Hong Kong; B.S., M.Phil. (Chinese University of Hong Kong); M.S.; *Mathematics*;
Dr. John S. Hsia

Sophie Jeffries, Newark; B.A., M.A. (Michigan State University); *Education*;
Dr. Edward D. Allen

John Joseph Jenkinson, Clinton, Tn.; B.S., M.S. (Auburn University); *Zoology*;
Dr. David H. Stansbery

Nancy Annemnon Janakopoulos, Baton Rouge, La.; A.B. (Smith College); M.A. (University of Missouri at St. Louis); *Economics*;
Dr. Edward J. Kane

David Curtis Johnson-Glebe, Pittsburgh, Pa.; B.A., M.A. (University of Pennsylvania); M.A.; *Philosophy*;
Dr. Bernard Rosen

Joan Simon Jones, Gloversville, N.Y.; B.A. (State University of New York at Buffalo); M.A.; *Sociology*;
Dr. Kent P. Schwirian

Jami Louise Jostick, Columbus; A.B. (Miami University); M.A.; *Education*;
Dr. Donald R. Bateman

Varsha Vibodhchandra Kapadia, Pune, Maharashtra, India; B.S. (Pune University); M.S. (Indian Institute of Technology); M.A.; *Physics*;
Dr. L. Carlton Brown

Mohamad Karaminezhad-Ranjbar, Kerman, Iran; B.S. (Tehran University of Technology); M.S.; *Metallurgical Engineering*;
Dr. Digby D. Macdonald

Abdollah Karbab, Columbus; B.S. (Pahlavi University); M.S.; *Electrical Engineering*;
Dr. Hooshang Hemami

Kevin Timothy Kear, Yorktown Heights; N.Y.; B.S. (Ithaca College); M.S. (Indiana State University); *Health, Physical Education and Recreation*;
Dr. Robert L. Bartels

Rex Kern, Ventura, Cal.; B.S., M.A.; *Health, Physical Education and Recreation*;
Dr. Barbara A. Nelson

Majid Keyhani, Columbus; B.S.M.E. (Tri-State University); M.S.; *Mechanical Engineering*;
Dr. Francis E. Kulacki

Yong-Hee Kim, Seoul, Korea; B.H.E. (Seoul National University); M.S. (Eastern Michigan University); *Home Economics*;
Dr. Jean S. Bowers

Walter Henry Kimball, Columbus; B.A. (Centre College of Kentucky); M.S. (University of Kentucky); *Education*;
Dr. Timothy E. Heron

Donna Cecelia Kline, Phoenix, Ariz.; B.A. (Arizona State University); J.D. (Harvard Law School); M.A.; *Philosophy*;
Dr. James P. Scanlan

Kurt Kraiger, Chesterland; B.A. (University of Cincinnati); M.A.; *Psychology*;
Dr. Robert S. Billings

Mann-Ching Ku, Taiwan, R.O.C.; B.S. (National Taiwan University); *Pharmacy*;
Dr. Louis Malspeis

Hong-Chih Jeremy Kuo, Taipei, Taiwan, R.O.C.; B.S. (National Tsing-Hua University); M.S., M.S.; *Computer and Information Science*;
Dr. Jayashree Ramanathan

Konrad Marc Kuzmanoff, New York, N.Y.; B.A. (The John Hopkins University); M.S.; *Molecular, Cellular and Developmental Biology*;
Dr. Michael L. Evans

Jan Charles Lawalata, Ambon, Maluku, Indonesia; B.S. (Agricultural University, Bogor Indonesia); M.S. (Ghent State University); *Agronomy*;
Dr. Eugene O. McLean

Albert Lewis Lederer, Columbus; B.A. (University of Cincinnati); M.S.; *Industrial and Systems Engineering*;
Dr. George L. Smith, Jr.

Yu-Min Lee, Taipei, Taiwan, R.O.C.; B.A. (National Cheng-Kung University); M.A.; *Art History*;
Dr. John C. Huntington

Mark Gill Lewis, Columbus; B.A. (Ohio Wesleyan University); M.S.; *Veterinary Pathobiology*;
Dr. Richard G. Olsen

- Theodore Lewis**, Diego Martin, Trinidad; B.S., M.S. (University of Wisconsin at Stout); *Education*;
Dr. Donald G. Lux
- Hual-An Lin**, Taipei, Taiwan, R.O.C.; B.S. (National Taiwan University); M.S.; *Computer and Information Science*;
Dr. Ming T. Liu
- Koon Kai Lo**, New York, N.Y.; B.S. (Chinese University of Hong Kong); M.S.; *Physics*;
Dr. K. Narahari Rao
- John Amos Long**, Grove City; A.B. (Miami University at Oxford); M.A. (Central Michigan University); M.S. (AFIT Wright-Patterson Air Force Base); *Industrial and Systems Engineering*;
Dr. Walter C. Giffin
- Robert Manfred**, Cape Coast; L.R.S.M. (Royal School of Music); M.Mus. (University of Wisconsin); *Music*;
Dr. A. Peter Costanza
- Francisco Bataller Martín**, Valencia, Spain. Licenciado En Derecho; Licenciado En C. Economics (University Comercial de Deusto); M.A.; *Economics*;
Dr. Edward J. Ray
- Daryle Jean Maser**, Donora, Pa.; B.A. (Morehead State University); M.A., M.A.; *Psychology*;
Dr. Mari R. Jones
- John Tadashi Masuhara**, Hilo, Hawaii; B.Ed., M.Ed. (University of Hawaii); *Education*;
Dr. Donald G. Lux
- Victor Raymond Mattox**, Toledo; B.A., M.Ed. (University of Florida); *Education*;
Dr. Robert J. Silverman
- Susan Lee McBride**, Findlay; B.A., M.S.; *Home Economics*;
Dr. Ellen I. Hock
- Stephen W. McCallion**, Ambler, Pa.; B.S.F.S. (Georgetown University); M.A.; *History*;
Dr. Samuel C. Chu
- Robert Nelson McCollins**, Worthington; A.B., M.A. (Marshall University); *Education*;
Dr. Joseph J. Quaranta
- Wendy Hartwell McCloskey**, Columbus; B.A. (Eckerd College); M.A. (University of Florida); *Education*;
Dr. James W. Altschuld
- Richard Allan McCullough**, Dayton, Ore.; A.B. (Providence College); M.A.T. (University of Chicago); *Education*;
Dr. Luvern L. Cunningham
- Edwin Bruce McDaniel**, Dublin; B.S. (University of Illinois at Urbana); M.S. (Northern Illinois University); *Education*;
Dr. Donald G. Lux
- Manley Kevin McGee**, Oshkosh, Wisc.; B.A. (Ohio Dominican College); M.A.; *Economics*;
Dr. Gene E. Murny
- Marjorie Lynn McInerney**, Warner Robins, Ga.; B.S., B.A. (University of Akron); M.B.A. (Marshall University); *Business Administration*;
Dr. Robert C. Mijus
- John Stephen Monk**, York, Pa.; B.S. (Elizabethtown College); M.S. (University of Wyoming); *Education*;
Dr. Victor J. Mayer
- Nancy Ann Morris**, Grove City, Pa.; B.S. (Central Michigan University); M.S.; *Home Economics*;
Dr. Mary Lapitsky
- Otieno Mare Munala**, Maseno, Western Providence, Kenya; B.S. (University of Wisconsin); M.A.; *Communication*;
Dr. James L. Golden
- Kevin John Nilan**, St. Paul, Minn.; B.S. (University of Minnesota); M.S.; *Psychology*;
Dr. Milton D. Hakel
- John F. O'Connell**, Columbus; B.S. (Fordham University); M.S.; *Physiology*;
Dr. Harold S. Weiss
- Willie Oryang Odwongo**, Kampala, Uganda; B.S., M.S. (Makonene University); *Dairy Science*;
Dr. Harry R. Conrad
- Karen Rhodes Okeafor**, Naperville, Ill.; B.A., M.A., M.A. (Western Michigan University); *Education*;
Dr. Joseph W. Licata
- Thomas Johnson Page, Jr.**, Columbus; B.S., M.B.A.; *Business Administration*;
Dr. Robert E. Burkrant
- Jeong-Real Park**, Pusan, Korea; B.S. (Seoul National University); M.S. (Korea Advanced Institute of Science); *Metallurgical Engineering*;
Dr. Digby D. Macdonald
- Linda Loren Pimentel**, Wethbridge, Alta, Canada; B.A., M.S. (San Jose State University); *Music*;
Dr. A. Peter Costanza
- Ortrun E. M. Pohler**, Waldenburg B.L., Switzerland; M.S.; *Metallurgical Engineering*;
Dr. Digby D. Macdonald
- Annette Brinch Poulsen**, Port Townsend, Wash.; B.A. (Washington State University); M.A.; *Economics*;
Dr. Edward J. Ray
- Theresa Ann Powell**, Fort Worth, Texas; B.A. (University of Pennsylvania); M.Ed. (Texas Christian University); *Education*;
Dr. William Moore, Jr.
- Reese Edward Price**, Fullerton, Ca.; B.A. (California State University at Fullerton); M.A.; *Psychology*;
Dr. Henry Leland
- Elaine Upton Pugh**, Columbus; B.A. (Tennessee Wesleyan College); M.A. (University of Birmingham); *English*;
Dr. Rolf H. Soelner
- Lakshmi Gollakota Rao**, Hyderabad, Andrapradesh, India; B.S. (G.B.P.A.U.T., India); M.S. (Mysore University); M.S. (University of Illinois at Champaign); *Biochemistry*;
Dr. Lee F. Johnson
- Aye Rattner**, Rechovot, Israel; B.A. (Bar-Ilan Israel); M.A. (Tel-Aviv University); *Public Administration*;
Dr. C. Ronald Huff
- Esther Nettles Rauch**, Mobile, Ala.; B.S. (Fisk University); M.A.; *English*;
Dr. A. E. Wallace Maurer
- Donald Timothy Reed**, Quincy, Mass.; B.S. (Eastern Nazarene College); M.S.; *Chemistry*;
Dr. Leon M. Dorfman
- Robin Diane Reese**, Sacramento, Ca.; B.S. (East Stroudsburg State College); M.S. (Western Illinois University); M.A.; *Health, Physical Education and Recreation*;
Dr. Daryl L. Siedenrop
- Michael Philip Reger**, Brookings, S.D.; B.A., M.S. (Western Illinois University); *Education*;
Dr. George P. Ecker
- Blanca Estela Reyes**, Ponce, Puerto Rico; B.A. (University of Puerto Rico); M.A.; *Psychology*;
Dr. Henry Leland
- Peter J. Rice**, Red Bank, N.J.; B.S. (Northeastern University); *Pharmacy*;
Dr. Popat N. Patel
- Steven Leslie Richardson**, Brooklyn, N.Y.; A.B. (Columbia University); M.S.; *Physics*;
Dr. Bruce R. Patton
- George Gary Ripple**, Johnstown, Pa.; A.B. (Colgate University); M.Ed. (Pennsylvania State University); *Education*;
Dr. George P. Ecker
- James Anthony Rubinio**, Columbus; B.A., B.F.A., M.A.; *Philosophy*;
Dr. Lee B. Brown
- Edward Paul Sandor, Jr.**, Athens, Ga.; B.M.; M.S. (University of Illinois); *Music*;
Dr. A. Peter Costanza
- Elaine Schroeder-Zwelling**, Youngstown; B.S.N. (Capital University); M.S.; *Home Economics*;
Dr. Ellen I. Hock
- Mark Richard Schrote**, Marion; B.S., M.S. *Electrical Engineering*;
Dr. Carlton H. Walter
- Dennis Michael Shanahan**, Columbus; A.B. (University of Notre Dame); M.A.; *English*;
Dr. Suzanne C. Ferguson
- Mohammed Mostafa Shihab**, Riyadh, Saudi Arabia; B.S. (College of Agriculture, Cairo, Egypt); M.S. (University of Arizona); *Agricultural Education*;
Dr. Lawrence H. Newcomb
- Rakesh Shukla**, Lucknow, U.P., India; B.S., M.S. (University of Allahabad, India); M.S.; *Biostatistics*;
Dr. Ramesh C. Srivastava
- Nancy Lynn Silva**, New Bedford, Mass.; B.A. (Southeastern Massachusetts University); M.S.; *Physiology*;
Dr. Jack A. Bouliant
- Ashoke Sinha**, Gopal Nagar, West Bengal, India; B.S., M.S. (University of Calcutta); *Chemistry*;
Dr. Jack Hine
- Peter D. Skirbunt**, Cleveland; B.S., B.A., M.A.; *History*;
Dr. Allan R. Millett

- Christy Richards Slavik**, Delaware; B.S., M.A.;
Education;
Dr. Charlotte S. Huck
- Carolena L. Lyons Smith**, Columbus; A.S. (Dyke College); B.S. (University of Akron); M.Ed. (Kent State University); *Education*;
Dr. Otto Santos, Jr.
- Edith L. Smoot**, Kirkwood, Mo.; B.S., M.S.; *Botany*;
Dr. Thomas N. Taylor
- Dhlp Amritlal Soni**, Bombay, India; B. Tech. M. Tech., (Indian Institute of Technology); M.S.; *Computer and Information Science*;
Dr. Jayashree Ramanathan
- Joseph A. Spizuoco**, New Milford, N.J.; B.S. (Montclair State College); *Physics*;
Dr. Richard N. Boyd
- David Wesley Test**, Columbus; B.A. (Eisenhower College); M.A.; *Education*;
Dr. William L. Heward
- Paul Teverow**, Joplin, Mo.; B.A. (Case Western Reserve University); M.A.; *History*;
Dr. Clayton Roberts
- K. Thirunavukkarasu**, Ponnaiachi, Tamilnadu, India; B.S., M.S. (Panjab University); *Mathematics*;
Dr. Dijen K. RayChaudhuri
- Peter Regan Thomison**, Bethesda, Md.; B.A. (Duke University); M.S. (Purdue University); *Agronomy*;
Dr. Daniel L. Jeffers
- Paula Carlene Thompson**, Point Pleasant, W.Va.; A.B., M.A. (Marshall University); *English*;
Dr. Thomas W. Cooley
- Yeun-Mlin Tsai**, Taipei, Taiwan, R.O.C.; B.S. (Fu-Jen Catholic University); *Chemistry*;
Dr. David J. Hart
- Chinying Jean Wang**, Columbus; B.S. (National Normal University); M.S.; *Biostatistics*;
Dr. Jagdish S. Rustagi
- Andrea Phyllis Warnick**, Fredonia, N.Y.; B.S. (Cornell University); M.A.; *Psychology*;
Dr. Charles Wenar
- Jean Ellen Watson**, Upper St. Clair, Pa.; A.A.S., B.S. (Purdue University); M.S.; *Education*;
Dr. John C. Bellard
- Mark Alan Wilson**, Lubbock, Texas; B.A. (Wartburg College); M.A. (University of Missouri at Kansas City); *Psychology*;
Dr. Milton D. Hake
- Maryl Lynne Wittingham**, Akron, B.A., M.A. (University of Akron); *Health, Physical Education and Recreation*;
Dr. Robert L. Bartels
- Bradford Barry Wright**, Columbus; B.A. (University of Oregon); *Chemistry*;
Dr. Matthew S. Platz
- Teng-Kuei Yang**, Hsin-Chu, Taiwan, R.O.C.; B.S. (National Chung-Hsing University); *Chemistry*;
Dr. David J. Hart
- Alan James Yaretts**, Columbus; B.S. (Kent State University); M.A.; *Education*;
Dr. Joseph J. Ouaranta
- Eunyoung Yu**, Seoul, Korea; B.S. (Seoul National University); M.S.; *Electrical Engineering*;
Dr. Aharon A. Ksienski
- Janet Robbins Zimmerman**, Columbus; B.M.E., M.A.; *Music*;
Dr. A. Peter Costanza
- Master of Applied Statistics**
- You-Chang Chang**, Columbus; B.S. (Tanjang College); *Statistics*
- Master of Architecture**
- Luanne Carleton**, Columbus; B.S.; *Architecture*
- Kristanta Dewara**, Semarang, Jateng; B.Eng. (State Academy of Technology); B.Arch. (Lawrence Institute of Technology); *Architecture*
- William Charles Lelser**, Claymont, Del.; B.S.E.D. (University of Oklahoma); *Architecture*
- Ellen Marie Pratt**, Granville; B.S. (Clemson University); *Architecture*
- Bradley Bannon Smith**, Rocky River; B.S. *Architecture*
- Master of Arts**
- Cheryl Elaine Alexander**, N. Chicago, Ill.; B.S. (Wilberforce University); *Education*
- Linda Allenbach**, Westerville; B.S.; *Education*
- Deborah Ann Anderson**, Westerville; B.Ed. (University of Toledo); *Education*
- S. Lane Anthony, Jr.**, Vinton, Iowa; B.A. (Cornell College); *Education*
- Christopher York Armitage**, Attica; B.A., B.A.; *Political Science*
- Rick Louis Bagby**, Lancaster; B.S. (Ohio University); *Education*
- Lucy Louise Bailey**, Erwin, N.C.; B.S. (North Carolina A&T State University); *Education*
- Paul Douglas Bailey**, Circleville; B.A.; *English*
- James J. Baker**, Columbus; B.S.; *Health, Physical Education and Recreation*
- Linda Bail**, Beverly; B.S. (Bowling Green State University); *Education*
- Lisa K. Balogh**, Columbus; B.A.; *Education*
- Akim Babatunde Balogun**, Lagos City, Lagos, Nigeria; B.S. (Western Washington University); *Education*
- Merav Banal**, Haifa, Israel; B.A. (Hebrew University of Jerusalem); *History of Art*
- Susan Miller Barlak**, Columbus; B.S. (University of Dayton); *Mathematics*
- Audrey Ann Barnes**, Philadelphia, Pa.; B.A. (Swarthmore College); *Dance*
- Lols Ann Barrett**, Columbus; B.S. (Bowling Green State University); *Education*
- Kathleen Marie Bassler**, Columbus; B.A. (Loyola University); *Psychology*
- Annette Maria Battafarano**, Youngstown; B.S.; *Education*
- Thomas Dickerson Bedway**, Cadiz; B.A. (Muskingum College); *Journalism*
- Mary Katherine Bell**, Lexington; B.S.; *Education*
- JoAnn Lee Benseler**, Worthington; B.A. (Western Washington University); *Music*
- Donald Leffingwell Benson, Jr.**, Warwick, R.I.; A.B. (Ohio University); *Journalism*
- Blythe Annette Augsburgers Bertsch**, Columbus; B.A. (Ohio Northern University); *Education*
- Brendan Kevin Bey**, Columbus; B.S. (Rio Grande College); *Education*
- Ehlie Salzgeber Bierly**, Columbus; B.A. (Asbury College); *Education*
- Evelyn Louise Biga**, Alexandria; B.S.; *Journalism*
- Jeffrey Otis Blackburn**, Westerville; B.A. (Ohio Dominican College); *Education*
- Richard J. Bieker**, Ridgewood, N.J.; B.A.; *English*
- Marda Ann Bolenbaugh**, Marysville; B.S. (Kent State University); *Health, Physical Education and Recreation*
- Pauline Ann Borato**, Cleveland; B.A.; *Geography*
- Linda Susan Brondos**, Steubenville; B.S. (University of Steubenville); *Education*
- Sharmaron Evette Brown**, Sweeny, Texas; B.S. (Prairie View A & M University); *Education*
- Grace Hammond Burns**, Columbus; B.S. (Capital University); *Education*
- Kathryn Jo Butcher**, Washington, Pa.; B.S. (California State College); *Education*
- Julie Marie Calahan**, Harre, Mont.; B.S. (Northwestern University); *Health, Physical Education and Recreation*
- Cynthia Anne Capper**, Columbus; B.M.E.; *Music*
- Jill Renee Carney**, Akron; B.A. (Baldwin-Wallace College); *Education*
- Moses Lawrence Carreker**, Columbus; B.M.; *Music*
- John Eu-Shung Chang**, Columbus; B.A. (Soochow University); *Music*
- Candace Gault Chapman**, Nashport; B.S. (Ohio University); *Education*
- Shu-Mo Chiau**, Tungshih, Taiwan, R.O.C.; B.S. (National Taiwan Normal University); *Education*
- Savonne Hemphill Childress**, Columbus; B.A. (Catawba College); *Education*

- Thomas Eugene Chodzin**, Independence; B.A. (Miami University); *Health, Physical Education and Recreation*
- Merrie Kathleen Christmas**, Ocean Springs, Miss.; B.F.A. (University of Southern Mississippi); *Dance*
- Carol Sue Christy**, Reynoldsburg; B.M. (Capital University); *Education*
- Eddie Matthew Clark Jr.**, Washington, D.C.; B.A. (Northwestern University); *Psychology*
- Ellen Isaly Clark**, Columbus; B.S.; *Education*
- Marsha Ann Clark**, Marion; B.A.; *Education*
- Dennis Lee Claypool**, Ashland; B.S. (Ohio University); *Education*
- Merylee Susan Cohen**, University Heights; B.A. (Cleveland State University); *Education*
- Georgine Silon Collette**, Dublin; B.S. (Ohio University); *Education*
- Yolanda Leslie Comedy**, Columbus; B.S. (Capital University); *Political Science*
- Joan M. Commons**, Worthington; B.A. (Whittier College); *Education*
- Patricia Lutes Confar**, Milford; B.S.; *Education*
- Joyce Marie Connors**, Brooklyn; B.S.; *Education*
- James Louis Conrad**, Columbus; B.A., B.S.; *Education*
- Elizabeth A. Coster**, Madison, Wisc.; B.A.; *Education*
- Linda Renée Crews**, Huntsville, Ala.; B.A. (Spelman College); *Education*
- Ellen LeFevre Crouch**, Mt. Vernon; B.S.; *Education*
- Bruce Edward Crouthamel**, Galloway; B.S. (Miami University); *Education*
- Martha Croy**, Westerville; A.B. (Notre Dame College of Ohio); *Education*
- Naomi Cuffie**, Jamesville, N.C.; B.S. (Jarvis Christian College); *Education*
- Barbara Elizabeth Curran**, Columbus; B.S. (Ohio Dominican College); *Education*
- Catherine Ann Curtis**, Huntington, W.Va.; B.A. (Marshall University); *English*
- Peter Anthony Danis**, Columbus; B.S. (University of Dayton) J.D.; *Business Administration*
- Julie Lynn Davidson**, Reynoldsburg; B.Ed (University of Toledo); *Education*
- Martha Ruth Davidson**, Columbus; B.S. (Bowling Green State University); *Education*
- Eula Yvette Davis**, Pine Bluff, Ark.; M.H. (University of Arkansas at Pine Bluff); *Education*
- Jane Ellen Davis**, Columbus; B.S.; *Education*
- Melinda Inez Davis**, Columbus; B.S.; *Education*
- Henry Dean**, Hong Kong; B.A. (Hong Kong Baptist College); *East Asian Languages and Literatures*
- Shirley Ann DeLong**, Westerville; B.S. (Ohio University); *Education*
- Patricia G. Devine**, Schenectady, N.Y.; B.A. (State University of New York at Plattsburgh); *Psychology*
- Steven Joseph Droblik**, Warren; B.A. (Ohio Dominican College); *Health, Physical Education and Recreation*
- Mark T. Dunbar**, Columbus; B.A. (Kenyon College); *English*
- Michelle Frances Eabon**, Columbus; B.A. (Catholic University of America); *Psychology*
- Gloria Jean Edgerton**, Columbus; B.S. (West Virginia State University); *Education*
- David John Ellis**, Sutton Coldfield West Midlands, England; B.A. (Durham University); *Geography*
- Janet L. Ellis**, Shelby; B.S.; *Education*
- David Paul Ely**, Columbus; B.S. (West Virginia University); *Economics*
- Suzanne Oyer Emsweller**, Columbus; B.S.; *Education*
- Teresa Kay Erdy**, Hilliard; B.S. (Ohio University); *Education*
- I-Chang Fang**, Columbus; B.Ed. (Taiwan National University); *Education*
- Irene Maria Farlon**, Parma, B.A. (Case Western Reserve University); *Mathematics*
- Sara Lynn Flick**, Gallon; B.A. (Wittenberg University); *Education*
- Michael Robert Ford**, University Hts.; B.A. (Bowling Green State University); *Public Administration*
- Douglas Andrew Fox**, Cleveland; B.A. (Clark University); *Economics*
- Margaret Ellen Funsch**, Erie, Pa.; B.A. (Wittenberg University); *Health, Physical Education and Recreation*
- Tommy J. Galbreath**, Marion; B.S.; *Education*
- Carolyn B. Gamble**, Granville; B.S. (State University of New York at Cortland); *Education*
- Diane C. Gamble**, Marysville; B.S. (Bowling Green State University); *Education*
- Teresa Lee Gampg**, Columbus; B.S. (Ohio University); *Education*
- Fanny Josefina Garcia**, Caracas, Venezuela; B.Ed. (Central University of Venezuela); *Education*
- Maria Kaye Gartner**, Newark; B.S. (Ohio University); *Education*
- Barbara Taylor Gerhardt**, Mansfield; B.S.; *Education*
- Karen Lou Gilbert**, Steubenville; B.S.; *Education*
- Kim Gilbert**, Columbus; B.S.; *Health, Physical Education and Recreation*
- David Gilboa**, Columbus; B.A. (Tel-Aviv University); *Philosophy*
- Dianne Michelle Givens**, Milpitas, Ca.; B.A. (Spelman College); *Education*
- Anthony Edwin Goldberg-Rugalev**, Columbus; B.S.; *Business Administration*
- Jannal Chariana Goslee**, Salisbury, Md.; B.A. (Hampton Institute); *Black Studies*
- Jonathan Scott Green**, Rochester, N.Y.; B.S. (State University of New York at Brockport); *Health, Physical Education and Recreation*
- Shelley Diane Green**, Columbus; B.F.A.; *Education*
- Sharon Gall Griffin**, Bunkie, La.; B.A. (Southern University); *Education*
- Rebecca Louise Grube**, Wooster; B.A. (Heidelberg College); *Education*
- Timothy Scott Hackett**, Columbus; B.S.; *Education*
- Joan Hubbard Haddox**, Zanesville; B.S. (Ohio University); *Education*
- Carol Ann Hamilton**, Kalamazoo, Mich.; B.A. (Western Michigan University); *Education*
- Corey Alan Hamilton**, Bucyrus; B.A. (Baldwin-Wallace College); *Health, Physical Education and Recreation*
- Steven Paul Hampf**, Columbus; B.A.; *Psychology*
- Elizabeth Isabel Haney**, Worthington; B.S. (Manchester College); *Education*
- Fumiko Kamiya Harada**, Worthington; B.A. (International Christian University); *Education*
- Peggy R. Harrison**, Mt. Victory; B.S.; *Education*
- Johanna Rey Hartfield**, Granville; B.S.; *Education*
- Linda B. Hartranft**, Columbus; B.A. (Otterbein College); *Anthropology*
- Betsy Martin Harvey**, Terrace Park; B.S. (Otterbein College); *Education*
- Cathlene Louise Heckart**, Ada; B.S.; *Education*
- Kenneth Allen Hell**, Galloway; B.S.; *Education*
- James Lynn Helmerich**, Albuquerque, N.M.; B.A. (University of Illinois); *Journalism*
- Dorene Ann Henschen**, Delaware; B.A. (Capital University); *Education*
- Cheryl Diane Hilton**, Columbus; B.S.; *Education*
- Giorta Kinsley Hoffman**, Mansfield; B.S.; *Education*
- Jean Michaelle Holmes**, Topeka, Ks.; B.A. (University of Missouri at Kansas City); *Dance*
- Wanda Elaine Horn**, Marion; B.S.; *Education*
- Richard H. Hubbard**, Mt. Vernon; B.S.; *Education*
- Robert William Hughes**, Reynoldsburg; B.S.; *Education*
- Sondra Jean Hurwood**, Columbus; B.S. (Ohio University); *Education*
- Ji-Hyun Hwang**, Pusan, Korea; B.E. (Yonsei University); *Education*

- Shang-Kwei Hwang**, Taichung, Taiwan, R.O.C.; B.Ed. (National Taiwan Normal University); *Education*
- David Hugo Ibarra**, Napoleon, B.S. (Bowling Green State University); *Education*
- Anthony Chikwendu Ihekuru**, Aba, Imo, Nigeria; B.S. (East Tennessee State University); *Political Science*
- Carol H. Irion**, Columbus; B.S.; *Education*
- Elizabeth P. Isaac**, Columbus; B.A. (Vanderbilt University); *English*
- Richard Allen Jackson**, Washington, D.C.; B.S. (Alabama State University); *Music*
- Tracy Annette Jefferson**, Hazlehurst, Miss.; A.A. (Utica Junior College); B.A. (Tougaloo College); *Music*
- Rosa Mercedes Jiménez**, Ponce, Puerto Rico; B.A. (Universidad de Puerto Rico); *Romance Languages and Literatures*
- Gina Lee Johnson**, Springfield; B.S.; *Health, Physical Education and Recreation*
- Roberta F. Johnson**, Columbus; B.S. (Bowling Green State University); *Education*
- Troy Bernadette Johnson**, Institute, W.Va.; B.S. (West Virginia State University); *Education*
- James Francis Jones, Jr.**, Lima, B.M. (Capital University); *Music*
- Jack Allen Joseph**, Columbus; B.S. (University of Pittsburgh); *Psychology*
- Martha Ann Kallstrom**, Hudson, B.A. (The College of Wooster); *Classics*
- Leslie Grace Kamin**, Upper Arlington, B.A. (Ohio Wesleyan University); *Education*
- Barbara Ann Kanter**, Cincinnati; B.A. (University of Cincinnati); *Education*
- Kathy Karako Kapostasy**, Fairport Harbor; B.S.; *Education*
- Jean Anne Kaschak**, Reynoldsburg; B.S. (University of Steubenville); *Education*
- David Paul Katko**, Elyria; B.S.; *Psychology*
- Jamie R. Kayes**, Columbus; A.B. (Indiana University); *English*
- Paul Kegelmayer**, Columbus; B.S.; *Health, Physical Education and Recreation*
- Donna Marie Kilgore**, Greenwich; B.S.; *Education*
- Kook-Hun Kim**, Korea; B.A. (Seoul National University); B.S. (Korea Military Academy); *History*
- Phyllis Ann King**, Columbus; B.S.; *Education*
- Irene Joan Kiraly**, Columbus; B.A.; *Education*
- Thomas James Klotz**, Sylvania; B.A. (Capital University); *Economics*
- Diana Sue Kohlireser**, Wapakoneta; B.A.; *Journalism*
- Raylene E. Kos**, Columbus; B.A. (Ohio University); *Education*
- Mary Fischlin Kozel**, Columbus; B.S.; *Education*
- Joan Marie Kropp**, Danville, Ind.; B.A. (California State University at San Francisco); *Education*
- Elaine Burson Krueger**, Columbus; B.A. (University of Tennessee); *Education*
- Edna Ruth Kuder**, Cattaraugus, N.Y.; B.S. (Valparaiso University); *Education*
- Cynthia Dawn Kyle**, Lansing, Mich.; B.A. (Ball State University); *Journalism*
- Karen Louise Lahr**, Columbus; B.S. (Ohio Dominican College); *Education*
- Kevin Jan Laminan**, North Branch, Mich.; B.A. (University of Michigan); *Journalism*
- David Richard Landis**, Dayton; B.S. (Wright State University); *Education*
- Cindi Elizabeth Law**, Reynoldsburg; A.B., B.A. (Miami University); *Education*
- Joyce Marilyn Leffheit**, Granville; B.M.E. (Greenville College); *Education*
- Charles David Lewis, Jr.**, Columbus; B.S.; *Education*
- Karin Jean Leyppoldt**, Columbus; B.S. (Bowling Green State University); *Education*
- Laura Lee Lindsay**, Euclid; B.A. (Wittenberg University); *Education*
- Jeanne Pence Listebarger**, Reynoldsburg; B.S. (Ohio University); *Education*
- Bonnie Roberts Little**, Columbus; B.S.; *Education*
- Roberta Beth Little**, Gahanna; B.S. (Bowling Green State University); *Health, Physical Education and Recreation*
- Carol A. Losinski**, Beloit, Wisc.; B.S. (Northern Illinois University); *Education*
- Charles Edward Lozano**, Hilliard; B.S.; *Education*
- Jean Newman Lucktenberg**, Columbus; B.S.; *Health, Physical Education and Recreation*
- Michael Edward Lutz**, Columbus; B.M.; *Music*
- William Michael Lynn**, Longview, Tx.; B.A. (University of Texas at Austin); *Psychology*
- Laurie Ann Marburger**, Gahanna; B.S.; *Education*
- Carolyn Matteson Maroff**, Farmington, Mich.; B.A. (Michigan State University); *Education*
- Cheryl Ann Marra**, Jamestown, N.Y.; B.S. (Slippery Rock State College); *Health, Physical Education and Recreation*
- Linda Lee Martin**, Columbus; B.F.A.; *Dance*
- Nathalie Genevieve Massip**, Dourdan, Essonne, France; B.A. (The College of Wooster); *Political Science*
- Setsubo Matsunaga**, Tokyo, Japan; B.A. (Keio University); *East Asian Languages and Literatures*
- Christina Rae Matthews**, Columbus; B.S. (Miami University); *Education*
- Edward Joseph Mattimoe**, Toledo; B.A. (Denison University); *Political Science*
- Michael Cedric Mayne**, Loma Linda, Cal.; B.A. (Oakwood College); *Education*
- Michael Brian McCord**, Shaker Heights; B.A. (University of Notre Dame); J.D.; *Public Administration*
- Richard Wayne McCutty**, Columbus; B.A.; *Health, Physical Education and Recreation*
- Glenn Herbert McGregor**, Newark; B.S. (Muskingum College); *Education*
- Gisela E. G. Medcistroth**, Reynoldsburg; B.S. (Ohio University); *Education*
- Patricia Ann Meissner**, Salem; B.F.A. (Kent State University); *Education*
- John Carl Mergo, Jr.**, Columbus; B.S. (Loyola College); M.S. (John Carroll University); *Zoology*
- John Austin Merrill**, Columbus; B.S.; *Education*
- Rebecca Faye Mesecher**, Pataskala; B.S.; *Education*
- Marcia Ann Metcalf**, Westerville; B.S.; *Mathematics*
- Beverly J. Meyers**, Columbus; B.A. (State University of New York at Geneseo); *Education*
- Anita Gail Miller**, Mansfield; B.S.; *Education*
- David Marshall Miller**, Beverly; B.A. (Rio Grande College); *Education*
- Laban Darrel Miller**, Irwin; B.M.; *Music*
- Marchell Kay Miller**, Kinsman; B.S.; *Education*
- Marie Rose Miller**, Columbus; B.A. (College of St. Francis); *Education*
- Patricia Jo Miller**, Marion; B.S.; *Education*
- Pamela Kay Milligan**, Mansfield; B.A.; *Public Administration*
- Diane E. Monroe**, Port Clinton; B.S. (Kent State University); *Education*
- Frederick Edmund Monroe**, Oberlin; B.A.; *Education*
- Beverly Jeannice Montgomery**, El Dorado, Ark.; B.A. (University of Arkansas at Pine Bluff); *English*
- Dorothy Jean Montgomery**, Gahanna; A.B. (West Liberty State College); *Education*
- Leslie Lorraine Moore**, Jamaica, N.Y.; B.S. (Cheyney State College); *Education*
- Sharon Conner Moore**, Kenton; B.S.; *Education*
- Marietta C. Morrell**, New York City, N.Y.; B.S. (Howard University); *Education*
- Patricia Ann Mroczek**, Kinde, Mich.; B.A. (Central Michigan University); *Journalism*
- William Edward Muehlenhard**, Columbus; B.S.; *Photography and Cinema*
- Marsha Ann Mueller**, Columbus; B.S.; *Education*
- Matthew James Murphy**, Tampa, Florida; B.S.; *Education*
- Cynthia Denita Myers**, Irwood, W.Va.; B.A. (Mt. Vernon Nazarene College); *Education*

- Dianne Kay Myers**, Columbus, B.A.; *Communication*
- Susan Treen Nash**, Columbus, B.A. (Ohio Wesleyan University); *Education*
- Hania A. M. Nashet**, Amman, Jordan; B.A.; *English*
- Katrina A. Neal**, Columbus; B.S.; *Education*
- Richard Harlan Needham**, West Lafayette, B.A. (Otterbein College); *Education*
- Cheryl Marie Nelson**, Brooklyn, N.Y.; B.S. (Hampton Institute); *Education*
- Neil Alan Nemeth**, South Bend, Ind.; B.S. (Ohio University); *Journalism*
- John Lee Newman**, Columbus; B.A. (Otterbein College); *Education*
- Victor Lynn Nicholson**, Baltimore, Md.; B.A. (Morgan State University); *Black Studies*
- Frederick Wayne Nihiser**, Lancaster; B.S.Ed. (Ohio University); *Education*
- Kimberly Jo Nixon**, Alliance; B.A.; *Education*
- Christina Jo Norton**, Ashtabula; B.S. (Bowling Green State University); *Journalism*
- Evaristo Nsunduluka**, Lusaka, Zambia; B.A. (University of Zambia); *Psychology*
- Zakaria Namuwel Nyongesa**, Kitale, Western Kenya; B.A. (Friends University); M.A. (Earlham College); M.A.; *Political Science*
- Robert Barry O'Connor**, Xenia; B.A. (Miami University); *Health, Physical Education and Recreation*
- Egerton Oyemwense Osunde**, Benin City, Bendel State, Nigeria; B.S. (Ahmadu Bello University); M.A. (Case Western Reserve University); *Education*
- Anthony Adekunle Owojori**, Oyo, Nigeria; B.S. (University of Nigeria); *Education*
- Douglas Robert Oxenford**, Columbus; B.A. (University of Washington); *Sociology*
- Phillip Allen Pace**, Philadelphia, Pa.; B.S. (Thomas State College); *Education*
- Thomes Aquinas Pajor**, Lima; B.A.; *Education*
- Henry Panion III**, Birmingham, Ala.; B.S. (Alabama A&M University); *Music*
- María Pantelia**, Athens, Greece; B.A. (University of Athens); *Classics*
- Gregory Sam Partigianoni**, Cortland, N.Y.; B.S. (State University of New York at Binghamton); *Health, Physical Education and Recreation*
- Catherine Adele Peacocke**, Columbus; B.S.; *Education*
- Carol A. Pearson**, Columbus; B.S. (Kent State University); *Education*
- José Vicente Pérez**, Columbus; B.A. (Ohio Wesleyan University); *Romance Languages and Literatures*
- Dafna Pery**, Columbus; B.A.; *Education*
- Martha Pyles Pevey**, Savannah, Ga.; B.A. (Armstrong State College); *History*
- Steven Kent Pfaffman**, Ashville; B.M.; *Music*
- Geraldine Louise Pfeil**, Columbus; B.S.; *Education*
- Denise Marcella Phillips**, Springfield; B.S. (Bowling Green State University); *Education*
- Susan Matthey Phillips**, Steubenville; B.S.; *Education*
- Lisa Joan Picini**, Livingston, N.J.; B.S. (East Stradsburg State College); *Health, Physical Education and Recreation*
- Janet Claire Piplc**, Columbus; B.A. (Findlay College); *Education*
- Patricia Eileen Pohl**, Columbus; B.A. (Otterbein College); *Education*
- Denise Jo Porter**, Reynoldsburg; B.S.; *Education*
- Susan Cluff Potts**, Newark; B.S.; *Education*
- Stephen F. Pounds**, Columbus; B.S. (Southern Illinois University); *Journalism*
- Brinda P. Price**, Granville; B.A. (Olivet Nazarene College); *Education*
- Carol Lewis Price**, Worthington; B.S.; *Education*
- Michael Lane Prickett**, New Vienna; B.S.; *Education*
- Timothy Michael Pryor**, Struthers; A.B., M.A. (Youngstown State University); *Business Administration*
- Kathleen Mary Putnam**, Columbus; B.S. (Bowling Green State University); *Education*
- Lori Michelle Quarles**, Gordonsville, Va.; B.S. (St. Paul's College); *Education*
- Theodosia A. Raglas**, Karpensison, Erytrianias, Greece; B.S.; *Education*
- Joan P. Rainey**, Columbus; B.S. (University of Dayton); *Mathematics*
- Ernest Dean Ramsey**, Herndon, W.Va.; B.S. (Concord College); M.A. (Virginia Polytechnic Institute and State University); *Mathematics*
- Ahava Rattner**, Israel; B.A. (Bar-Ilan University); *Education*
- Kathie Susanne Ray**, Columbus; B.A.; *Geography*
- Lora G. Reed**, Columbus; B.A., B.S.; *Education*
- Robin Allison Reed**, Satellite Beach, Fla.; B.A. (Ohio Wesleyan University); *Psychology*
- Valerie Rosita Reese**, Brooklyn, N.Y.; B.S. (Hampton Institute); *Education*
- Valerie Marie Reid**, Amherst, Va.; B.S. (St. Paul's College); *Education*
- Debra Jeanette Reynolds**, East Liverpool; B.S.; *Education*
- Barbara Leigh Rhoads**, Columbus; B.S.; *Education*
- Deborah Lee Richards**, Orient; B.A. (Ohio University); *Public Administration*
- Janette Louise Ries**, Columbus; B.A. (Ohio Dominican College); *Education*
- Janet Lee Ritchie**, Fairborn; B.A. (Wittenberg University); *Education*
- Cheryl Lynn Roberts**, Tacoma, Wa.; B.A. (Seattle University); *Education*
- Kathleen Marie Rodt**, Youngstown; B.A., B.S.; *Education*
- Nancy Leigh Rossel**, Columbus; B.S. (Ashland College); *Education*
- Mary Lou Rottenschmidt**, Columbus; B.S. (Capital University); *Education*
- Kathy Cecilia Rowan**, Miami, Fla.; B.S. (Bethune Cookman College); *Education*
- Jodell Newman Ryan**, Columbus; B.S., B.A.; *Communication*
- Aracelis Santiago**, Bronx, N.Y.; B.A. (H.H. Lehman College); *Health, Physical Education and Recreation*
- Alan G. Schecter**, Columbus; B.S.; *Education*
- Eric John Schmedler**, Zanesville; B.S.; *Education*
- John William Schwartz**, Bemidji, Minn.; B.A. (Lamar University); *Health, Physical Education and Recreation*
- Theresa Gene Shade**, Whitehall; B.A. (Capital University); *Education*
- William F. Shannon, Jr.**, Olmsted Falls; B.S.; *Education*
- Polly Louise Shelton**, Groveport; B.S. (Otterbein College); *Education*
- Marsha Levinson Shulman**, Columbus; B.S. (University of Rochester); *Education*
- Gene Page Singletary, Jr.**, Chapel Hill, N.C.; B.A. (University of North Carolina); *Health, Physical Education, and Recreation*
- Gregory Skrzypiek**, Columbus; B.A. (West Liberty State College); *Education*
- Martha Lee Sledge**, Wimmsboro, La.; B.A. (Louisiana College); *English*
- Barry Lee Smith**, Delaware; B.A.; *Health, Physical Education and Recreation*
- David Alan Smith**, New Concord, B.A. (Muskingum College); *Psychology*
- Kathleen Rae Smith**, Westerville; B.S.; *Mathematics*
- Janet Kay Sordles**, Columbus; B.S.; *Education*
- Todd Robert Southern**, Columbus; B.M.E. (Capital University); *Education*
- Frank Charles Spaulding**, Middleboro, Mass.; B.S. (Bridgewater State College); *Anthropology*
- Robert A. Spoler Jr.**, Galloway; B.S.; *Education*
- Christine A. Spolar**, Retireff, Pa.; B.S. (Northwestern University); *Journalism*
- Luke Springman**, Indianapolis, Indiana; B.A. (Indiana University at Bloomington); *German*
- Hendrik Spruyt**, Columbus; Candidat, Doctorandus (University of Leiden); *Political Science*

- Ann Greig Spuller**, Pickerington; B.S.; *Education*
- Beth R. Staffilino**, Parma; B.A. (Ohio Dominican College); *Education*
- Anne Cooper Stallman**, Columbus; B.S.; *Education*
- Paul A. Stanca**, Westlake; B.A.; *Geography*
- Judith Ross Stanek**, Columbus; B.S.; *Education*
- Anna Marguerite Starvaggi**, Akron; B.F.A. (University of Akron); *Photography and Cinema*
- Nenagh Anne-Meffort Staunton**, London, Britain; B.A. (Durham University); *History*
- Alan Gordon Stavitsky**, Columbus; B.A. (University of Wisconsin); *Journalism*
- Christine K. Steiner**, Mansfield; B.S. (Ashland College); *Education*
- Larry George Stephens**, Columbus; B.A. (Morhead State University); *Geography*
- Ronnie Stewart**, Mobile, Ala.; A.S. (S.D. Bishop State Junior College); B.S. (Tuskegee Institute); *Black Studies*
- Maria Anne Stickle**, Newark; B.S.; *Education*
- Jon Thomas Stonebraker**, Marion; B.S.; *Education*
- Robert Winter Stratton**, Chagrin Falls; B.S.; *Education*
- Bunni L. Stubbart**, Columbus; B.A. (Graceland College); *Education*
- Luis Alejandro Superiano**, Barinas, Venezuela; B.S. (University Central de Venezuela); *Education*
- Roderick Dion Swanson**, Birmingham, Ala.; B.S. (Alabama A&M University); *Education*
- David L. Swoope, Jr.**, Decatur, Ala.; B.S. (Alabama A & M University); *Education*
- Kathryn E. Swope**, Waldo; B.S. (Youngstown State University); *Education*
- Mary Jean Sykora**, Worthington; B.S.; *Education*
- Mark W. Tatge**, Arlington Hts., Ill.; B.A. (Western Illinois University); *Journalism*
- Linda Darlene Teel**, Marion; B.S.; *Education*
- Karen Michelle Terry**, Darlington, S.C.; B.S. (Tennessee State University); *Psychology*
- Michael Robert Thomas**, Flint, Mi.; B.A., J.D. (University of Michigan); *Sociology*
- Tonda Lee Thomas**, Columbus; B.S.; *Communication*
- Kevin Allan Thuman**, Westerville; B.A. (Capital University); *Education*
- Margaret Haskell Thurston**, Columbus; B.A. (University of Maine); *Linguistics*
- Tsung-Ling Ting**, Kaohsiung, Taiwan; B.A. (National Taiwan University); *Theatre*
- Shirley Beth Tobias**, Pompton Lakes, N.J.; B.A. (Randolph-Macon College); *Psychology*
- Dorothy Garvin Tonjes**, Pickerington; B.S. (Purdue University); *Journalism*
- David Edward Toopes**, Columbus; B.A. (Capital University); *Education*
- David Edward Trombley**, Saratoga Springs, N.Y.; B.M. (State University of New York at Fredonia); *Music*
- Charlotte Marie Trout**, Hagerstown, Md.; B.S. (Dickinson College); *Education*
- Michelle Diane Tufford**, Columbus; B.A.; *Geography*
- Mark Gregory Tuttle**, Columbus; B.A.; *Photography and Cinema*
- Robert W. Ullom**, Cardington; B.M. (Ashland College); *Music*
- Chris Uzoma Uzodinma**, Anambra, Nigeria; B.S. (University of Nigeria); *Education*
- Richard Alan VanBrimmer**, Delaware; B.A.; *Health, Physical Education and Recreation*
- James E. Van Fossen**, Hilliard; B.S.; *Education*
- Cheryl Ann Vasquez**, Columbus; B.A. (Capital University); *Romance Languages and Literatures*
- Denise Visbal**, Manhasset, N.Y.; B.A. (Ohio Wesleyan University); *Education*
- Lynne Shower Wake**, Columbus; B.S.; *Education*
- Hai Jay Walker**, Columbus; B.A. (Brock University); *Health, Physical Education and Recreation*
- Jody L. Wallace**, Urbana; B.S.; *Health, Physical Education and Recreation*
- Kelly Vorhes Wallace**, Columbus; B.A. (Judson College); *Education*
- Elaine M. Wank**, Columbus; B.S. (Bowling Green State University); *Education*
- Barbara Ann Washington**, Fairmount, Md.; B.A. (University of Maryland); *Black Studies*
- Philip Edward Waters**, Carbondale, Ill.; B.S. (St. Ambrose College); *Health, Physical Education and Recreation*
- Jayne Kahril Weagle**, Worthington; B.S.; *Education*
- Connie S. White**, Columbus; B.S.; *Education*
- Mary Ellen Whittatch**, Shadyside; B.A.; *Education*
- Barbara Joan Wiley**, Columbus; B.S. (Muskingum College); *Education*
- Robin Denise Williams**, Brooklyn, N.Y.; B.S. (Cheyney State College); *Education*
- Angeleisha Kay Wilson**, Montgomery, Ala.; B.A. (Auburn University); *Journalism*
- Timothy Francis Winters**, Tucson, Ariz.; B.A. (University of Arizona); *Classics*
- Lawrence Wolpert**, Columbus; B.A. (Tel Aviv University); *Psychology*
- Young Sang Won**, Seoul, Korea; B.Ec. (Kunkuk University); M.B.M. (Yonsei University); *Education*
- Emil Clark Wood**, Sunbury; B.S. (Bowling Green State University); *History*
- Kathleen Cartwright Wyatt**, Columbus; B.A.; *Health, Physical Education and Recreation*
- Mary Anne Wynne**, Providence, R.I.; B.S. (State University of New York at Cortland); *Health, Physical Education and Recreation*
- Elaine Yelverton**, Wilson, N.C.; B.A. (Elizabeth City State University); *Journalism*
- Judith Abbie Yohman**, Cincinnati; B.S. (University of Cincinnati); *Communication*
- William Paul Yost**, Westerville; B.S.; *Education*
- Patricia Sanders Young**, Marion; B.S.; *Education*
- Zhenyi Zhang**, Peking, P.R.C.; Certificate (Hebei University); *East Asian Languages and Literatures*
- Sydney L. Zimmerman**, Columbus; B.S.; *Journalism*
- James Barry Zumbo**, Victor, N.Y.; B.S. (Ithaca College); *Health, Physical Education and Recreation*

Master of Business Administration

- Gerald Jay Bieber**, Gahanna; B.S. (Purdue University); *Business Administration*
- Robert Louis Bregman**, Reynoldsburg; B.S. (Lafayette College); *Business Administration*
- John Kraus Burtley, Jr.**, Columbus; B.S.; *Business Administration*
- Betty Eul Davis**, Bexley; B.S.; *Business Administration*
- Debra Susan Dunlap**, Eaton; B.S.; *Business Administration*
- Jay Sutton Ehle**, Worthington; B.A. (Yale University); J.D. (Cleveland State University); *Business Administration*
- Hala Mounir El-Oraby**, Mansfield; B.A.; *Business Administration*
- Diana L. Grapes**, Columbus; B.A. (Capital University); *Business Administration*
- Lawrence Eugene Green**, Flushing, Mich.; B.S. (Owosso College); *Business Administration*
- Kimberly Jo Hannon**, Columbus; B.S. (Indiana University); *Business Administration*
- Keith Harding Hazelton**, Columbus; B.A.; *Business Administration*
- Joel Lee Hoetzer**, Sandusky; B.S.; *Business Administration*
- Denris Scott Hoobler**, Delroy; B.S., M.A.; *Business Administration*
- Takis Lalos**, Columbus; B.S. (Northeastern University); M.Eng. (Rensselaer Polytechnic Institute); *Business Administration*
- Samuel Lee Lind**, Westerville; B.B.A. (Ohio University); *Business Administration*
- Joseph A. Messeri**, Youngstown; B.Eng. (Youngstown State University); M.S.; *Business Administration*

Peter Timothy Miller, Columbus; B.S. (Ohio University); *Business Administration*

David R. Morton, Powell; B.S. (University of Illinois); *Business Administration*

John Michael Price, Columbus; B.S.; *Business Administration*

Thomas Edward Redmond, Columbus; B.S.; *Business Administration*

Mary Louise Remson, Columbus; B.S.; *Business Administration*

Randy Stuart Shoaf, Urbana; B.S. (Central Michigan University); *Business Administration*

Cynthia Louise Shockey, Redlands, Calif.; B.A.; *Business Administration*

Janet Gertrude Spence, East Lansing, Mich.; B.S., M.S. (Michigan State University); *Business Administration*

Balakuntalam Sundareswara Sridhar, Bangalore, Karnataka, India; B.S. (Bangalore University); M.A. (Tata Institute of Social Sciences); *Business Administration*

Terry Lee Strong, Columbus; B.S.; *Business Administration*

Thomas Edmund Whitten, Reynoldsburg; B.S. (Youngstown State University); *Business Administration*

Master of City and Regional Planning

Ayse Can, Ankara, Turkey; B.C.P. (Middle East Technical University); *City and Regional Planning*

Michael Robert Ford, University Heights; B.A. (Bowling Green State University); *City and Regional Planning*

Nevin Gürgan, Columbus; B.A. (Middle East Technical University); *City and Regional Planning*

Margaret Anne Hallisy, Cleveland Heights; B.A. (Bowling Green State University); *City and Regional Planning*

Steven Phillip Mikusa, Bucyrus; B.S.; *City and Regional Planning*

Andrea J. Van Arsdale, Asbury, N.Y.; B.S. (Rutgers University); *City and Regional Planning*

Master of Fine Arts

James R. DePaul, Piscataway, N.J.; B.A. (William Patterson College); *Theatre*

Cathy Alene Fank, Iowa Falls, Iowa; B.A. (University of Northern Iowa); *Theatre*

Chris Colby Flaherty, York, Pa.; B.A. (Westminster College); M.A. (Bowling Green State University); *Theatre*

Barbara Jo Giorgio, Munster, Ind.; B.F.A. (Ball State University); *Art*

Richard David Keith, Mansfield; B.A. (Baldwin Wallace College); *Theatre*

Victor Glass McCouiston, Bradenton, Fla.; B.A. (Westminster College); *Theatre*

Stacy Ann Shramm, Los Angeles, Ca.; B.A. (University of California at Los Angeles); *Art*

Master of Hospital and Health Services Administration

Kristin Ann Olsen, Cleveland Heights; B.A. (Kenyon College); *Hospital and Health Services Administration*

Ronnie Allen Skarka, Columbus; B.A. (State University of New York); *Hospital and Health Service Administration*

Randall Mark Thompson, Velva, N.D.; B.S. (University of Minnesota); *Hospital and Health Services Administration*

Master of Humanities

Theresa Mary Martino, Sidney; B.A. (Marian College); *Humanities*

Master of Labor and Human Resources

Scott Edward Baum, Akron; B.S.; *Labor and Human Resources*

Marla Louise Bell, Canton; B.S. (Kent State University); *Labor and Human Resources*

Adrienne Eleanor Eaton, Columbus; B.A. (University of Michigan); *Labor and Human Resources*

Alberto Farías, Monterrey, Mexico; B.A. (Monterrey Institute of Technology); *Labor and Human Resources*

Gary Joseph Gombita, Cleveland Heights; B.A. (University of Central Florida); *Labor and Human Resources*

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Mitchell Douglas Levine, Toronto, Ontario, Canada; B.A. (York University); *Labor and Human Resources*

Mohammed Ibrahim Mansour, United Arab Emirates; B.A. (University of Alexandria); *Labor and Human Resources*

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Master of Music

William Herbert Boggs, Columbus; B.M.; *Music*

Gloria Leigh Johnson, Columbus; B.A. (Abilene Christian University); *Music*

Beth Russell Owen, Galloway; B.M. (Capital University); M.A.; *Music*

Master of Public Administration

Cynthia A. Brown, Petersburg, Va.; B.S. (St. Paul's College); *Public Administration*

Douglas Alan Comer, Findlay; B.A. (Duke University); *Public Administration*

Master of Science

Sami J. Abouantoun, Beirut, Lebanon; B.S. (Tri-State University); *Aeronautical and Astronautical Engineering*

Halle Abraha, Asmara, Eritrea; B.A. (University of Maryland); *Agronomy*

Photios Alexandros Alexandropoulos, Athens, Greece; B.S. (Virginia Polytechnic Institute); *Electrical Engineering*

Nabeel Saleh Al-Hamdan, Columbus; B.S. (Ain Shams University); *Agronomy*

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Laura Jean Anderson, Wethersfield, Conn.; B.S. (University of Connecticut); *Pathology*

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Mohammed Muhammed-Said Basrawi, Jeddah, Saudi, Arabia; B.S.; *Civil Engineering*

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Jo Ellen Brown, Zanesville; B.S. (Kent State University); *Pathology*

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- Virginia Theresa Rentko**, Croydon, Pa.; B.A. (Boston University); *Zoology*
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- Rosemary Eleanor Riley**, Youngstown; B.S. (Bowling Green State University); *Home Economics*
- Todd Justin Roberts**, Medina, N.Y.; B.S. (Cornell University); *Agricultural Economics and Rural Sociology*
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- David Nesbitt Russell**, Galloway, B.A. (Hiram College); *Industrial and Systems Engineering*
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- Jan Edwin Saunders**, Bowling Green; B.A. (College of Wooster); *Biochemistry*
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- Stephen David Schumacher**, Woodsfield; B.S.; *Agricultural Education*
- James Alan Serfat**, Bainbridge; B.S. (John Carroll University); *Anatomy*
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- William Blair Shook**, Bremen; B.S.; *Mechanical Engineering*
- Barbara Ann Shurgot**, Kenmore, N.Y.; B.S. (St. Bonaventure University); *M.A.; Preventive Medicine*
- Ralph B. Sizemore**, Reading; B.S. (University of Kentucky); *Agricultural Engineering*
- Thomas Russell Smith**, Lima; B.A. (The American University); *Agricultural Economics and Rural Society*
- Gareth Hamilton Spurlock**, Dublin; B.G.S. (University of Kentucky); *D.V.M.; Veterinary Clinical Sciences*
- Andrew Edward Stanya**, Cleveland; B.S. (University of Toledo); *D.D.S.; Dentistry*
- James Robert Stehman**, Findlay; B.S.; *Natural Resources*
- Brenda Kay Stevenson**, Dayton; B.S.N. (Wright State University); *Nursing*
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- Keith Miracle Stimpert**, Columbus; B.A. (Miami University); *Agricultural Education*
- Colin Andrew Stuart**, Georgetown, Guyana; B.S. (University of Toronto); *Welding Engineering*
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- Atrayee Taneja**, Allahabad, U.P. India; B.S.; M.S. (University of Allahabad); *M.A.S.; Statistics*
- Joe Kiet-Yen Tang**, W. Hartford, Conn.; B.S.; *Electrical Engineering*
- Wen-Tzung Tang**, Chia-Yi, Taiwan, R.O.C.; B.S. (National Chung-Hsing University); *Food Science and Nutrition*
- Mark Gerard Taylor**, Columbus; B.S.; *Botany*
- Gregory John Thaler**, Centreville, Va.; B.S. (Georgetown University); *Physics*
- Gino Michael Tosi**, Berea; B.S.; *Agricultural Economics and Rural Sociology*
- Petrus Wilhelmus van der Poel**, Noordwijkerhout, The Netherlands; B.S., M.S. (University of Amsterdam); *Agricultural Engineering*
- Robert Edwin Van Evra III**, Lancaster; B.S.; *Civil Engineering*
- Dale Albin Walker**, Newark; B.S. (Denison University); *Geology and Mineralogy*
- Irene Louise Wallbaum**, Dayton; B.S.; *Agricultural Economics and Rural Sociology*
- Karen Lee Walther**, Mahopac, N.Y.; B.S.; *Animal Science*
- Jin-Kun Wang**, Tayuan, Taiwan, R.O.C.; B.S.E.E. (National Cheng Kung University); *Electrical Engineering*
- Liang-guo Wang**, Peking, R.O.C.; B.S. (Peking University); *Physics*
- Shih-Liang Wang**, Taipei, Taiwan, R.O.C.; B.S. (National Tsing-Hua University); *Mechanical Engineering*
- Jeffrey Stuart Ward**, Milan; B.S.; *Natural Resources*
- C. J. Washington**, Toledo; B.S. (Mississippi Industrial College); *Zoology*
- Robert Grant Weston**, Wooster; B.S.; *Animal Science*
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- Thomas Michael Wido**, Parma; B.S. (Heidelberg College); *Chemistry*
- John Michael Williams**, Westerville; B.S.; *Allied Medical Professions*
- David Maynard Wilson**, Westerville; B.S. (Humboldt State University); *Zoology*

Keith Douglas Wisecarver, Columbus; B.S.;
Chemical Engineering

Vera Diane Wolowoduk, Chatam Township, N.J.;
B.A. (Rutgers University); *Genetics*

Sylvia Jean Wong, Cleveland Heights; B.S.;
Natural Resources

Tzong-Fung Tom Wu, Taipei, Taiwan, R.O.C.; B.S.
(National Chia-Tung University); *Electrical
Engineering*

Tatsuji Yamashita, Tokyo, Japan; B.S. (University of
Tokyo); *Chemical Engineering*

Koff Augustin Yao, Abidjan, Ivory Coast; B.S.
(Lycee' Dimbokro); Licenciate, M.S. (University of
Abidjan); *Food Science and Nutrition*

Lots Ann Yarnell, Westerville, B.S.; *Agricultural
Education*

Master of Social Work

Mary Elizabeth Boyd, Wright-Patterson A.F.B.;
B.A. (University of Alabama); *Social Work*

Patrice D. Harris, Columbus; B.S. (University of
Cincinnati); *Social Work*

Cecily Pettis Judd, Delaware; B.A. (Ohio Wesleyan
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John Bradley Johnston, Solon
Ann Marie Klisz, Fremont
Michael D. Lacey, Worthington
Brenda K. Lord, Galena
Laura Ann Lunder, Willowick
James Hugh MacDonald, Columbus
Patricia McCree, Detroit, Mich.
Michael George Moore, Middletown
Donald Richard Morrison, Thornville
Suzanne Marie Munday, Bryan
Gina M. Napoli, Brookfield
Marie Louise Nime, Beirut, Lebanon
Thomas James Roth, Parma
Martin Hayes Sider, Salem
Tamara Ann Smith, Urbana
Charles Lance Wilkinson, Cincinnati

College of Social and Behavioral Sciences

Dean S. Earl Brown

Bachelor of Arts

Marcy Lynn Abrams, Williamsburg
Donald Robert Ain, Columbus
Nacrina Emille-Divina Alvarez, Marysville
Andrew Scott Arnold, Berton Ridge
Lori Eileen Austin, West Carrollton
Trenton Ray Baker, Hilliard
Tammy Sue Barnett, Warren
Omar A. Barriga, Upper Arlington
Bruce Ray Bartlett, Columbus
Vickie June Baumire, Columbus
Kathleen Michele Beauchene, Oswego, N.Y.
Kevin Patrick Bennett, Grove City
Michael Keith Borden, Columbus
Gregory E. Boruh, Warren
William Edwin Brancovsky, Wickliffe
Catherine Ann Broadbent, Bay Village
David Michael Bronstein, Columbus.

Alwyn L. Bush, Chesterland
Richard Peter Byrnes, Worthington
Steven Charles Cain, Mansfield
Deidre Carpenter, Columbus
Tonnette Catron, Cleveland
Jeffrey Matthew Clark, Canfield
Ann Clarissa Clayton, Lancaster
Rachel Susan Cohen, Shaker Heights
Tamara A. Cramer, Fredericktown
John B. Cruse, Galion
Christine Luba Darmochwal, Parma
Anita Marie Davena, Waverly
Ruth Ann Weimer DeWitt, Delaware
Janet Lee Donham, Worthington
Christine Lynn Dungan, Cincinnati
Laurie Jo Eichel, Dover
Tracey Lee English, Chesterland
Debra Ann Erksa, Wadsworth
Andrew D. Fisher, Toledo
Chadwick M. Flaig, Lebanon
Laura Holly Foukal, Chesterland
Vicki Learn Frazier, Columbus
Katherine Irene Garvin, Brecksville
Richard Scott Gaunt, Mansfield
Angela L. Goodwine, Columbus
Virgil Bruce Goodwine, Columbus
Felicia Rena Grace, Toledo
Susan Lee Halbedel, Newark
Cynthia Anne Hamilton, Warren
Daryl Bernard Harris, Steubenville
Linda Murphy Helms, Heath
Jan E. Hensel, Kent
Richard Allen Hernandez, Boardman
Elizabeth P. Highmore, Worthington
Katherine MacNair Hogan, Portsmouth
David Richard Hosler, Jr., Coshocton
Julia Anne Huston, Chandlersville
Kent E. Irwin, Columbus
Sharon Ivey, East Cleveland
Nada Janakievski, Columbus
Alex T. Jelepik, Cleveland
Duane Martin Johnson, Loudonville
Marilyn June Kelby, North Lawrence
Richard Eric Kibler, East Liverpool
Keith Alan Kitchen, Bellville
Janice J. Kohn, Cleveland
Kimberlee Kae Kokinda, Port Clinton
William Michael Korney, Avon Lake
Kerry Ann Kowars, Columbus
Anne Margaret Kozelek, Bexley
Carina E. Kroenberg, Worthington
Rogena Darlene Kyles, Fairfax, Va.
Philip Ross Leach, Columbus
Nancy J. Lehan, Grove City
Karen Anne Lindgren, Akron
Sheldon Da-Wen Lu, Ravenswood, W.Va.
James Bruce Lucas, Columbus
Mark Edwin Lyle, Columbus
Linda A. Mayberry, Girard
Bradley L. McCloud, Reynoldsburg
Michael J. McFarland, Bridgeport
John Wiley McKeel, Youngstown
Dianne Barbara McQuilkin, Toledo
Paul M. Merlack, Pittsburgh, Pa.
Alan Craig Miller, Canton
David Charles Miller, Barberton
Mark Eugene Miller, Canton
Shirley Mlynek, Shadyside
Raymond Moats, Circleville

Paula Leigh Mounts, Columbus
Kathleen Marie Murney, Dublin
Teresa Elaine Murray, Piketon
Douglas Raymond Nagle, Conesville
Randall Aldo Nagy, Columbus
John Adam Neff, Dayton
Karen Sue O'Connor, Columbus
Debra Ann Orr, Johnstown
Scott N. Pember, Lorain
William Francis Plegens, Rocky River
Carl S. Rapport, New Philadelphia
Carla Campbell Reed, Columbus
Denise Marie Robinson, Steubenville
Jeffrey Alan Roedel, Cincinnati
Joseph William Rogers, Columbus
Bridgette Caryn Roman, Canfield
Eric Ruben, Mayfield Heights
Teri Elaine Ruslander, Williamsville, N.Y.
Jane Ann Sandefur, Upper Arlington
Bradley Walter Schramek, Cleveland Heights
Glen C. Scott, Lexington
Karen Marie Scott, Dayton
Susan Marie Shifflette, Kent
Brett Robert Sider, Marion
Donna Lynn Skert, Solon
William Howard Spencer II, Toledo
Laura Dawn Stubbart, Columbus
Mary Kathleen Swanson, Rocky River
Steve Merrill Swigart, Mansfield
Suzanne Marie Teachey, Sylvania
James Rodger Thorson, Jr., Columbus
Betsy Thurman, Cincinnati
Kim Alice Tresler, Columbus
Cynthia Ann Trimble, Worthington
Bruce K. Truxall, Columbus
Esther Marilyn Turketlaub, Canton
Jane Chika Uheanya, Nigeria
James Timothy Ungashick, Canton
Thomas Francis Villacres, Newark
Kimberly K. Vogan, Canton
Janet Dee Von Kaenel, Strasburg
Dianne Ward, Highland Park, N.J.
John Peter Weiss, Westerville
Karen Lynn Weller, Warren
Michael J. Wiedeman, Columbus
Kenneth Anthony Wilk, Columbus
Jay Alden Wilson, Mariemont
Mark Edmund Winston, Worthington
Erin Louise Wollam, Hudson
Kenneth Robert Zahner, Sugarcreek

Bachelor of Science

Faith Cervin Arthur, Worthington
Emily Hunter Baird, Columbus
Ralph Holmes Boring, Worthington
Jorge Jose Del Rio, San Juan, Puerto Rico
Peter Holmes Edwards, Jr., Columbus
Kevin Charles Feisel, Lancaster
Laney Jaye Hawkins, Columbus
John Alice Herkender, Columbus
John Russell Hire, Granville
Mary E. Hunsinger, Mansfield
Heidi Lynn Laakso, North Jackson
Denise K. Lawson, Columbus
Helen Ann O'Leary, Columbus
Stephen Ronald Ruggieri, Steubenville
Susan Lynn Schechtman, Cleveland Heights

Jody Lynn Smulo, Maple Heights
Dorothy Renee Young, Steubenville

Bachelor of Arts in Journalism

Marcy Ellen Abraham, Cleveland Heights
John Harold Backderf, Richfield
Julie Rochelle Bailey, Worthington
Cheryl L. Baumann, Findlay
Robert Francis Breitfeller, New Albany
Lindsey Park Chenoweth, Columbus
Michael D. Clark, Beaver Creek
Andrew Beth Cronig, Shaker Heights
Diane Elizabeth Frea, Orient
Steven Lynn Goble, Waverly
Renee Grimes, Philadelphia, Pa.
Eric Christian Hansen, Columbus
Thomas George Havener, Lyndhurst
Orby G. Kelley III, Columbus
Sherrn K. Kondos, Mansfield
Diana J. Lockwood, Annville, Pa.
Joan Lorraine Miryio, Caldwell
Anne Marie Mountain, Grove City
Stephen Hardy Obenshain, Perrysburg
Jill Marie O'Dell, Cincinnati
Gail Lynne Paul, Mansfield
Michael Anthony Pramik, St. Clairsville
Robert Allen Pritchett, Columbus
Mary Jo Rigney, Dayton
Anthony Richard Shockley, Bryan
Leslie Joan Sloan, Dayton
Amy Faye Slotter, Columbus
Marilyn Gaye Spetka, Columbus
Kurt Richard Stull, Columbus
Patrice Wewodau, Columbus
Pamela Jean Wright, Columbus

College of Administrative Science

Dean H. Justin Davidson

Bachelor of Science In Business Administration

Richard Dana Ackerman, Cincinnati
Scott Darrell Ackerman, Girard
Sangeeta Agrawal, Memphis, Tenn.
Ariane Lee Amiri, Lorain
Theresa Marie Amorosso, Reynoldsburg
Rory Martin Anderson, Bellevue
Mark Edwin Archer, Sidney
Paul Kevin Augustine, Cleveland Heights
Della Fay Baker, North Hampton
Elizabeth Corbin Baldwin, Xenia
Robert George Baldwin, Dublin
Dennis Cline Baratta, Columbus
Carol Sue Barnwell, Bellefontaine
Joyce Ann Barrett, Newark
Michael Ernest Barthel, Carmel, Ind.
Tracy Lynn Beard, Reynoldsburg
Christopher Beatty, Lorain
David Foster Behn, Lima
Harlan R. Bennett II, Cambridge

Matthew Lee Bennett, Columbus
Gene Mark Berger, Columbus
T. John Berlin, Urbana
Cynthia Kay Bern, Coshocton
Carl Robert Best, Avon Lake
Garin Jon Bethel, Steubenville
John C. Beyoglides, Dayton
Robert David Black, Gallipolis
Tyrone Keith Black, Cincinnati
Frances Elizabeth Blazer, Harrington, Dela.
Cheryl Ann Block, Worthington
William Stephen Blonchek, Middleburg Heights
Ramon Joseph Boshara, Jr., Akron
Patricia Jane Brauer, Little Hocking
Brian Frank Breedlove, Jeffersonville
Mary Gretchen Breff, Maumee
James Michael Brennan, Columbus
George Henry Bridges, Wintersville
Christopher Allen Bryan, Reynoldsburg
Christopher Alan Bules, Springfield
Terence William Burga, Marion
Paula Karen Burrell, Worthington
Louis William Burwell, Ironton
John Edwin Campbell, North Canton
Brian John Casey, Columbus
Samuel Dean Church, Belpre
Kent William Clark, Cuyahoga Falls
Julie Edith Collins, Columbus
Charles John Comparato, Richmond Heights
Barbara Kay Cook, Sunbury
James Scott Craig, Toledo
Mark Scott Croft, Youngstown
Marie Elaine Dalton, Strongsville
Douglas Paul D'Amico, Akron
Jeffrey Richard Deibel, Columbus
Shari Lynn Dombick, Beachwood
Darren McGowen Dowdell, Williamsville, N.Y.
Gregory Neil Duly, Parma Heights
John Paul Durbin, Columbus
John David Edwards, Cincinnati
William Leahy Eggert, Columbus
Robert Charles Emerson, Chatfield
Niloofer Etemad, Columbus
Jesse Melvin Etter, Jr., Columbus
Kelly Ann Farrell, Naperville, Ill.
Scott Joseph Farwick, Columbus
Stuart Alan Federman, Akron
Michael Arthur Fegan, Middleburg Heights
David Richard Fishman, Columbus
Kathleen Ann Fleck, Solon
Michael Allan Fouts, Granville
Charles Patrick Fruth, Napoleon
David Samuel Ganzfried, Scituate, Mass.
Karen Linda Garby, Bedford, Texas
Stuart Joel Gartrell, Westerville
Leslie Jatene Gerber, Westlake
Lori Ann Gerber, Westlake
Diane Kay Gibbins, Minford
Mark Gibson, Warren
Jeremy David Gottlieb, Cleveland Heights
Michael Davis Grant, Bay Village
Julie Ann Gusweiler, Cincinnati
Lucie Gay Hardison, North Olmsted
Eric James Harper, Westerville
Layne Harper Harris, Milwaukee, Wis.
Joseph Alan Hartley, Springfield
Brian Kelly Hauck, Medina
Paul Richard Hecmarczuk, Akron
Douglas Eugene Heichel, Mansfield

Lisa Helen Henderson, Newark
Richard L. Hollingsworth, Mansfield
Steve Eheren Holman, Skokie, Ill.
George Patrick Hoogertyde, Grand Haven, Mich.
Diane Lynne Hoover, Moine, Ill.
Mark Michael Houle, Columbus
Heidi Ann Hursinger, Mansfield
Salvatore J. Iandimarino, Youngstown
Susan Elizabeth Jacques, Rocky River
Katherine M. Johanni, Columbus
Matthew Robert Johnson, Brecksville
Nathan Paul Johnson, Cincinnati
Jeffrey Lee Jones, Zanesville
Michael Ward Judge,sylvania
Kenneth Raymond Kabealo, Columbus
Karen Cyril Kann, Beachwood
Sharon L. Katz, Canton
James Anthony Kegelmeyer, Marion
Julie Anne Ketter, Rocky River
Marcia Carol Kinney, Sandusky
Michael Lee Kissel, Bellville
Hallee Dianne Klein, Beachwood
Lisa Marie Klice, Miramar, Fla.
Kevin Dennis Knape, Napoleon
Michael Eric Kopan, Mentor
Michael Gerard Korhan, State College, Pa.
Amenan Parfaite Kouakou, Bouake, Ivory Coast.
West Africa
Raymond Alexander Kulik, Parma
Steven Gerard Kupanoff, Springfield
Sevil Hatice Kurtis, Columbus
Karen Alison Ladd, Wooster
Judith Ann Lang, Galloway
Robert Kurtz Lang, Worthington
Christopher William Larkin, Columbus
David Lynn Larick, Dayton
Stephen John Lebold, Dover
Donna Diane Lee, Gahanna
Michael Christopher Lemaster, Columbus
Kevin Lee Littlejohn, Troy
Phillip H. Locke, Columbus
Christopher Alan Logsdon, Upper Sandusky
Clark Eugene Lubaski, Powell
Curtis Wayne Lutz, East Rochester
Daniel Joseph Lutz, Toledo
Kevin Dean Lyles, Wheelersburg
Harold Keddie Mager, Worthington
Sheila Diane Maginn, Centerville
Philip Andrew Maiberger, Tiffin
Thomas Albert Mannarino, Worthington
Paul Nicholas Maragos, Toronto
Michael Jay Marette, New London
Glen Frederick McAtee, Elyria
Annita Ruth McCleese, Peebles
Stephen Casey McClure, McLean, Va.
Deborah Ann McCreight, Kettering
Matthew Mark McCroskey, Toledo
Gregory Michael McDanel, Rocky River
John Peter McEwan, Columbus
Jennifer Ann McGann, Worthington
Martha Jane McGee, Columbus
Brenda Diane McNeil, Marion
Gregory Lynn McPherson, Springfield
Angela Renea Melton, Akron
Pasquale Anthony Merullo, Jr., Columbus
Annice Evon Miller, Greenville
Judith Smis Miller, Newark
Stacey Joy Minium, Bay Village
Darcey Lynn Monsour, Washington, Pa.

Robin Denise Morgan, Strongsville
 Michele Elaine Mosholder, Newark
 Gordon James Moyer, Milan
 Thomas C. Mulholland, Chagrin Falls
 Florentina Muñoz, Columbus
 Julie Ann Murray, West Jefferson
 Rory Larston Musselman, Wooster
 Jane Elizabeth Mykrantz, Wooster
 James Edward Napoli, Inverness, Fl.
 Joseph Daniel Nartker, Hamilton
 Maniza Arjum Naseem, Longwood Fla.
 Patricia Anne Newman, Columbus
 Carla Suzanne Oldok, Upper Sandusky
 Richard Forrest Osborn, Columbus
 Robert David Otway, Springfield
 John Peter Pardee, Oberlin
 Anne Marie Parker, Columbus
 Eugenia Collette Payne, Westland, Mi.
 Mark William Pearson, Columbus
 Douglas William Peele, Cleveland Heights
 Robert Louis Perkins, Jr., Columbus
 James Leonard Perry, Mansfield
 James Edward Pickard, Dayton
 Mary Ann Pisciotta, Pakos Heights, Ill.
 Karen Lynn Plummer, Hamilton
 Thomas Mark Plute, Granville
 Ralph Victor Polletta, Columbus
 George Michael Pong, North Olmsted
 Linda Faye Powell, Columbus
 Richard John Premez, Jr., Youngstown
 Thomas Alexander Pritt, Columbus
 Stephen Michael Promen, Lima
 Charles Richard Prunier, Lancaster
 Randall Scott Puderbaugh, Columbus
 Paul Flavius Pulse, III, Hillsboro
 James Edward Quinn, Columbus
 Connie Sue Race, Loveland
 Thomas Ray, Madison
 Thomas Fred Raymond, South Euclid
 Michael Robert Resler, Newark, De.
 David M. Richards, Westerville
 Frederick Ray Richards, Mansfield
 Terrance Lee Richards, Akron
 Charles Daniel Riffle, Lima
 Andrew James Roberts, Cincinnati
 Kyle Alan Robinson, Findlay
 Todd Mitchell Rogers, Cuyahoga Falls
 Susan Michele Rosa, Hudson
 Karen Mitchell Rosser, Westerville
 Mary Kathryn Royer, West Lafayette
 Michael Daniel Rukin, Pepper Pike
 Connie Sue Russell, Canal Winchester
 Diane Magdalene Ruth, Waldo
 John Francis Ryan, IV, Atlanta, Ga.
 Holly May Saks, Cleveland
 Douglas Lee Sandkuhn, St. Marys
 Timothy M. Schoenberger, Upper Sandusky
 Ronald Lee Schuller, Shioh
 Andrea L. Schumacher, Columbus
 Louis Scott, South Russell
 Matthew Gerard Setter, Xenia
 James Edward Seikinger, Pataskala
 Robert Lee Shaeffer, Jr., Pittsborough, Pa.
 Mark William Shaffer, Circleville
 Michelle Lynn Shay, Columbus
 Johnetta Linn Sheets, Coshocton
 Phillip Ray Short, Brunswick
 Mark William Simoff, Buffalo, N.Y.
 Jamie Elizabeth Sloan, Mansfield

Mark Edward Smith, Perrysburg
 Philip Eugene Smith, Zanesville
 Robin Lynn Smith, Columbus
 Stuart Neil Smylie, Beachwood
 Jacqueline E. Spargrove, Frazeesburg
 Daniel Gerard Spatz, Kettering
 Jonathan P. Spetalnick, Atlanta, Ga.
 Steffanie Diane Stephens, Indianapolis, In.
 Cynthia Stilwell, Hartsville
 Jayne Evin Stoffregen, Maumee
 Joseph Robert Storer, Columbus
 Brent Clifford Stratton, Columbus
 Michele Annette Strohl, Columbus
 Haryanto Sunarto, Willard
 Julie Ann Swerlein, Cardington
 Richard Michael Taglione, Columbus
 Seng Aun Teoh, Perak, Malaysia
 Michelle Ann Theibert, Columbus
 Thomas Wayne Thompson, Troy
 David Alan Trill, Worthington
 David Joseph Trentman, Dayton
 Anca Trifan, Columbus
 John Frederick Van Keuls, Rocky River
 John Joseph Walsh, Pittsburgh, Pa.
 Nellie Jeanne Warner, Lisbon
 David Kai Wasserman, Columbus
 David George Webster, Rocky River
 Donald Jeffrey Weinstein, Canton
 Steven Henry Weiss, Dayton
 Michael Paul Welker, Lancaster
 Mark Allen Wengerd, Wooster
 Amy Louise Werner, Worthington
 Jody Eileen Whittier, Wooster
 Michele Williams, Cleveland
 Robin Renee Williams, Marysville
 David Stanley Williamson, Tarpon Springs, Fl.
 F. Leon Wilson, Akron
 Joy Ann Winsley, Zanesville
 Cynthia Joy Wise, North Canton
 David Earl Wiscup, Livonia, Mi.
 Steven T. Wood, Hilliard
 William Lee Wood, Reynoldsburg
 Lawrence Wright, Jr., Hilliard
 Denise E. Yeager, Cincinnati
 Pamela Sue Yeager, Hudson
 Michael L. Yoder, Columbus
 Charles Ralph Yoss, Ashland
 Charles David Zeigler, Van Wert
 James Chris Zervas, Warren
 Brian Paul Zentek, Swanton

Donna Ruth Bruchs, Youngstown
 Charla Ellen Burko, University Heights
 Tara Rae Corthell, Sidney
 Desiree Suzanne Craig, Columbus
 Robin Lynn Drown, Bellefontaine
 Patricia Ann Dyer, Bidwell
 Brent Thad Edwards, Van Wert
 Jeffrey Scott Emmors, Marion
 Timothy Michael Foster, Cleveland
 Brian Virgil Founds, Chandlersville
 Jeffrey Edward Fowie, Xenia
 Paul Michael Froehlich, Barnesville
 Kris Ellen Kiracofe, Camden
 Kathy Ann Kirkpatrick, Delaware
 Elaine Ann Kolb, Rossburg
 Michelle Wadsworth Kozel, Columbus
 Thomas Lawrence Krill, Archbold
 Beth Margaret Maldinger, Marion
 Pius Adilawanda Mamua, Takum Gongola, Nigeria
 Charles Ross Marks, Damascus, Maryland
 Sandra Jean Maurer, Parma
 Mark Douglas McClenning, Lima
 Michael Frederick Mend, Independence
 Lynn Whitehead Miller, Dublin
 Timothy Irving Miller, Zanesville
 Laura Marie Mincer, Columbus
 Joseph Francis Noppenberger, Jr., Columbus
 Rhonda Lynn Oberst, Pensacola, Fl.
 Suzanne Grace Otterbacher, Valley City
 Sandra Diane Pick, Brunswick
 Michael James Rengert, Marion
 Linda Sue Riepenhoff, Ottawa
 Gordon L. Shea, Dola
 Barbara Ann Siegel, London
 Larry William Wamock, Jeffersonville
 Leonard Ray Whiteley, Cincinnati
 Joy Ann Witte, Lyndhurst
 Cynthia Gay Woerner, Columbus
 Cynthia Sue Wood, Bellevue
 Scott Alan Zanon, Tuscarawas

**Bachelor of Science in
 Food Technology**

Cheryl Ann Hokomb, Parma

School of Natural Resources

**Bachelor of Science in
 Natural Resources**

Michele Denise Anderson, Worthington
 Misty Lynn Ault, Columbus
 Kevin Lake Boals, Mansfield
 Timothy Craig Brown, Columbus
 Gregory Lance Cochran, Toledo
 William Randall Davis, Columbus
 Dwayne Robert Griebel, Cleveland
 Thomas E. Hackenbracht, West LaFayette
 Jill Suzanne Klagge, Brecksville
 Thomas Alan LeFever, Springfield
 Douglas Henry Rupert, St. Marys
 Mary Katherine Schnabel, Bucyrus
 Daniel Justus Serge, Wickliffe

**Bachelor of Science in
 Labor and Human Resources**

Tina Rose Allison, Cincinnati
 Gregory Lee Graham, Columbus
 Sean Adam McCauley, Mt. Gilead
 Scott Allen Rudowski, Columbus
 Mark Allen Scharringhausen, Fairfield

College of Agriculture

Dean: Max Lennon

Bachelor of Science in Agriculture

James Uhlen Bowling, Columbus
 Donald William Braun, Columbus
 Barbara Hope Brewer, Springfield

Kenneth Frank Ventura, Orange
Suzanne Hazel Wilson, Columbus

Agricultural Technical Institute

Associate in Applied Science

Nathaniel S. Barnhart, Circleville
James Patrick Centea, Wadsworth
Vanessa Marie Douglas, Strasburg
Viola Louise Dyer, Canton
Christi Lee Gallagher, Sunbury
Andrew Martin Keller, Berlin Heights
John Lyle Krock, Kenton
Christopher John Norton, Shaker Heights
Christopher Jerome Ogrinc, Bratenahl
Scot Joseph Riley, Alliance
Patrick Thomas Somderman, Cincinnati
Kelly Lynne Spahler, Sylvania
Theodric Charles Weckery, Tallmadge

College of Dentistry

Dean: William R. Wallace

Doctor of Dental Surgery

Michael Leo Hemker, Mansfield
B.S.

Certificate of Graduate Dental Hygienist

Karla Renée Korodish, Mansfield

College of Education

Acting Dean: Donald P. Anderson

Bachelor of Science in Education

Cheryl A. Abdullah, Columbus
B.A.
Sabo Aliyu, Bauchi, Nigeria
Akula Daniel Ankama, Bauchi, Nigeria
Michele Ann Berger, Youngstown
Hanna Zambuk Bature, Bauchi, Nigeria
Betty Jean Bazley, Elyria
Mary Magdalen Black, Gahanna
Michele W. Blasczyk, Newark
Samson Jodi Bogoro, Bauchi, Nigeria
Kellie Dawley Bommer, Gahanna
Cynthia Anne Boner, Mt. Gilead
Angelina Mary Bonstedt, Cincinnati
Joyce Ann Burch, Worthington
Barbara Katrina Burian, Columbus
Misty Dawn Cancro, LaRue
Shannon Stretton Cline, Columbus
Jennifer Kay Cochran, Mt. Vernon

Arthur F. Conley, Jr., Coal Grove
Curtis Grant Daniels, Jr., Columbus
Jean-Paul Daum, Columbus
Sarah Christine Deckard, Columbus
Lori Jean Dierksheide, Fremont
Deborah Ann Dixon, Youngstown
Laura Kay Eggert, Columbus
Randall Lee Emmethainz, Worthington
Paula Rae Ewart, Columbus
Gerriann Marie Fischer, Johnstown
Douglas Edward Foley, Cridersville
Larry Emmet Fouts, Columbus
Evelyn Mae Fowler, Columbus
B.S. (Bowling Green State University)
Henry Gerhard Frank, Shelby
Jenny Lynn Fredritz, Marion
Carolyn B. Furr, Grove City
Dianne Lanette George, Willard
Donna E. Purvis Givens, Newark
James Daniel Good, Eaton
Virgil Robert Graham, Zanesville
Portia Denise Griffin, Columbus
Mahmoud Ibrahim Gurama, Bauchi, Nigeria
Shelley Lynne Hall, Mansfield
James Francis Hamberg, Saint Henry
Musa Hamadu, Bauchi, Nigeria
Pamela Gail Harmon, Columbus
Beth Anne Harmount, Circleville
Honey F. Hartman, Opa Locka, Fl.
Jerry Steven Hartman, Plymouth
David Allen Herrmann, Reynoldsburg
Donna Lynn Hill, Sandusky
Molly Ann Hochwalt, Kettering
Lisa Lynn Holdren, Columbus
E. Gail Hughes, Grove City
Angela Baldwin Isaacs, Hamilton
Alhaji B. Isyaku, Bauchi, Nigeria
Aminur Mohammed Jamaare, Bauchi, Nigeria
Claude Michel Jaimain, Columbus
Amos Danzaria Joe, Bauchi, Nigeria
William Elmer Katona, Jr., Fairport Harbor
Sheila Annette Kattas, Lorain
Teresa Marie Kloss, Akron
Paula Sue Krisley, San Antonio, Texas
Julie Marie Landwehr, Lima
Lois M. Lautenschlager, Kenton
Debra Sue Leavengood, Fresno
Wesley F. Lewis, Coshocton
Toni Faye Logan, Middletown
Laurie Beth Lopper, Columbus
Teresa Coldiron Lott, Reynoldsburg
Kathleen Lunn, Cincinnati
Dominick Frank Luppino, Willard
Jill Lynn MacDonald, Huntsville
Gloria Jean Maddamma, Niles
Laral Maimako, Bauchi, Nigeria
Renee Lynn Martin, Frazeysburg
Miles M. McClelland, Westerville
David Glenn McFarland, Oberlin
Cynthia Beck McMahan, Petersburg, Ak.
Tamara Stentz Meadows, Mansfield
Joseph W. Meyer, Dayton
Xenia Barbara Michalak, E. Brunswick, N.J.
Rebecca Jean Millsaps, Hudson
Magaji Udubo Mohammed, Bauchi, Nigeria
Anna Marie Moore, Columbus
Traci Lee Morrison, Medina
Ruth Ann Murphy, Columbus
Ayuba Nyagam, Bauchi, Nigeria

Mary Gaynelle Ostermeier, Midland
Staci Anastagia O'Toole, Mentor
James Steven Owen, Middletown
Donna Sue Peters, Lima
Mohammed Ahmed Pindiga, Bauchi, Nigeria
Richard Todd Rekart, Delphos
B.S.
Kimberly Kay Ruark, Lexington
Frank Edward Russo, Cincinnati
Suzanne M. Schimmoeller, Columbus Grove
Anita Gail Scites, Wellston
Lisa Jones Shafer, Columbus
Denise Marie Sheeter, Delphos
Catherine Mary Sinchek, Reading
Paul Wayne Slaubaugh, Jr., Stow
Patricia Pearl Smith, Worthington
Rachel Eileen Smith, Monroeville
Laura Lee Spychalski, Columbus
Kevin Lee Steinmetz, Willard
Lori Beth Stockfish, Pepper Pike
Kimberly Ann Thatcher, Howard
Loreen Hunt Thomas, Grove City
Susan Bell Trombetti, Columbus
Avis Belle Vansickel, Columbus
Lillian Vukov, Mansfield
Mutari Adamu Wadaji, Bauchi, Nigeria
Danlami Wambai, Bauchi, Nigeria
Musa Kaltungo Waziri, Bauchi, Nigeria
Mary Anne Whalen, Akron
Thomas Wesley Whieldon, Solon
Lynette Wiley, Columbus
Laura Lynn Wilson, Wooster
Robert Darryl Wilson, Chicago, Il.
Janet Elizabeth Wise, Bellaire
Diana Lynne Wright, Marion
Garba Bashi Yankari, Bauchi, Nigeria
Louis Randy Zacks, 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
College of the Arts.**

College of Engineering

Dean: Donald D. Glowor

Bachelor of Science in Aeronautical and Astronautical Engineering

Richard Allen Burdick, Owego, N.Y.
Kevin Wayne George, Brooklyn, N.Y.
David Alan Glazer, Mayfield Heights
John Joseph Gurbach, Parma
David Matthew Henderson, Columbus
Joseph Francis Kanney, New Washington
Donald Ray Mays, Englewood
Mark H. Mercer, Columbus
Thomas Edward Okuly, Dayton
Michael K. Riggelman, Columbus
David Charles Thomas, Columbus

**Bachelor of Science in
Agricultural Engineering**

John William Busic, Columbus
Joseph Dale Groves, St. Clairsville

**Bachelor of Science in
Ceramic Engineering**

Maryjane Barnes, Zanesville
John William Laessle, Columbus
Donald Howard Moore, Jr., Westerville
Neil Edwin Orians, Carey

**Bachelor of Science in
Chemical Engineering**

Mark Douglas Dieringer, Lima
Stephen Michael Graf, Cincinnati
Kim Elisabeth Heath, Pennsylvania
Paul Andrew Jarasek, Mequan, Wis.
Bamin Khomami, Tehran, Iran
Jim F.S. Liu, Taipei, Taiwan
Crystal Dianne Penn, Cleveland
N. Richard Ricks, Jr., Portsmouth
Hani Khaliil Siwani, Jerusalem
David George Vanek, Ashtabula

**Bachelor of Science in
Civil Engineering**

Saim Nasr Abou-Antoun, Al Kaakour, Lebanon
Abdulla M. Abu-Khalifeh, Kuwait, Kuwait
Simon Michel Abou Younes, Beirut, Lebanon
Christian O. Aiyinotu, Neni, Nigeria
Mahmoud Sami Ayyash, Kuwait, Kuwait
Susan Michelle Cheney, Sidney
Angela Newcome Donahue, Kettering
Robert Alan Fraser, McMurray, Pa.
James Neal Goodwin, Belpre
Dale Martin Hopkins, Geneva

**Bachelor of Science in
Computer and Information Science**

Mitchell Andre Benjamin, Malta
Julia Ellen Bush, Vienna, W.Va.
Dale Allen Byrd, Westerville
Megahwati Chandra, Medan, Indonesia
Frank Domenic Ciotti, Jr., Euclid
David Alan Ferguson, Lima
James Stewart Goldsmith, Columbus
James David Haeseker, Dayton
Greggory Thomas Kite, Urbana
Virginia Gay Kostir, Seven Hills
Brent Alan Miller, Findlay
Margene Marie Mock, Gahanna
John Brent Oliver, Steubenville
Gregory Lee Orth, Englewood
John Francis Pfeieger, New Washington
Stephen Edward Prahst, Brooklyn Heights
Milo Prtenjak, N. Royalton
Joan Elaine Schott, Bucyrus

Joseph Dean Stuber, Lima
Cynthia Lee Treese, Upper St. Clair, Pa.
Craig W. Vandeventer, Cincinnati
Dean Richard Vermeire, Hermitage, Pa.
John Joseph Vossler III, Sioux Falls, S.D.
Tracy Lynne Warstler, Amherst
Alan Ray Wilson, Pismo Beach, Ca.

**Bachelor of Science in
Electrical Engineering**

Masoud Amin-Javaheeri, Esfahan, Iran
Mehran G. Aminzadeh, Columbus
Mitchell Andre Benjamin, Malta
Brad Jason Binkley, Lima
Ronald Lynn Blair, Columbus
Shih-Hao Chong, Ipoh, Malaysia
Thomas John Cunningham, East Liverpool
Paul Czerwinski, Columbus
Peter Czerwinski, Columbus
Christopher Allan Daily, New Albany
Mark Alan Enright, Gallon
Steven Bernard Fisher, Port Clinton
Jeff Alan Giannobile, Dover
Martin Frederick Giel, Lorain
Rakesh Chandra Gupta, Marietta
David Stanley Harrison, Vienna, Va.
Timothy James Kelly, Columbus
Dennis Patrick Kill, Spencerville
Kathryn Weed Lilly, Columbus
Jonathan Douglas Mann, Columbus
Jeffrey John McPherson, Perrysburg
Jeffrey Wayne Morton, Hammond, La.
Scott Michael Myers, South Charleston
Dennis Edward Norris, Woodsfield
James Anthony Pristas, Columbus
Barbara K. Ramey, Dublin
David Morrill Reynolds, Hollywood Hills, Fl.
Kiam-Hwee Sim, Singapore, Singapore
Ahmad Ezzat Sinno, Beirut, Lebanon
Alisa Arlene Stoll, Columbus
Angela Theresa Treiterer, Worthington
Randy Walter Wallace, Stow
Thaddeus Adam Weber, Bedford Heights
Kin Hung Wong, Hong Kong

**Bachelor of Science in
Engineering Physics**

Michael James Sumner, Batavia
John Joseph Vossler III, Sioux Falls, S.D.

Industrial Engineer

John Thomas Dougherty, Columbus

**Bachelor of Science in
Industrial and Systems Engineering**

Robert Lee Beigh, Findlay
David Allen Decker, Worthington
Mehdi Ebrahimian, Columbus
Paul Edward Favret, Columbus
Matthew Miller Grist, Austintown

Jonathan A. Jackson, Gallon
John Charles McVicker, Cincinnati
Timothy Wray Pack, Columbus
Robert Wayne Savage, Broadview Heights
Deborah Ann Shell, Dayton
Robert Anthony Witzman, West Chester

**Bachelor of Science in
Mechanical Engineering**

Martha Kay Addy, Cadiz
Dale Allan Andreatta, Uhrichville
Suzanne Messary Beers, Columbus
Robert Stanley Belsler, Columbus
William David Best, Columbus
James Edward Cencula, Stow
Elizabeth Anne Connors, Westerville
David Earnshaw Crawford, Jr., Waverly
Martin Eldon Deakins, Whitehall
Max Robert Farson, Lowell
Peter Michael Flick, Fairborn
Eric Gil Hall, Columbus
David Edward Herring, Columbus
Peter Paul Kowalski, Jr., Seven Hills
David Dean Lepper, Fremont
Samuel Miller Linzell, Columbus
Thomas Edward Maher, Columbus
Martha Ann McCardle, Greenhills
Kirk John Meier, Hudson
Virendra Dahvabhai Patel, Columbus
Brad Alan Phillips, Canton
Elaina Marie Rocco, McMurray, Pa.
Mark Charles Schmidt, Cincinnati
Robert Daryl Springer, Bucyrus
Jeffrey Scott Standley, Bellefontaine
Jayne Evitt Stoffregen, Maumee
Daniel John Tebbe, New Bremen
Joseph Francis Traina, Vermilion
Wahid Umerani, Karachi, Pakistan
Chris Ellen Williamson, Belfast
Mark Alan Woodling, Akron

**Bachelor of Science in
Metallurgical Engineering**

Karen Ann Hare, Windsor

**Bachelor of Science in
Mining Engineering**

David Brian Paradis, Avon Lake
Arthur L. Stern, Jr., Cincinnati
Beth Yoho Thompson, Gallipolis
Jon Pierce Thompson, Cheshire

**Bachelor of Science in
Welding Engineering**

Christopher T. Anderson, Grand Rapids, Mi.

School of Architecture

Bachelor of Science in Architecture

Norman J. Brown, Columbus
Robert Emerson Cox, Newark
Dean Butler Lewis, Akron

Bachelor of Science in Landscape Architecture

Eileen Olda Enabnit, Fairlawn
Joseph H. Frey, Cincinnati
Carol Linnea Grewe, Toledo
Rhonda Brown Margraf, Columbus
Thomas Raymond Paquelet, Louisville
Treva Lee Shannon, Columbus
Cheryl Lynn Shoemaker, Hillsboro
John Alexander Tarkany, Reynoldsburg
Ralph Anthony Tirabassi, South Euclid
Patrick Alan West, Dover

College of Home Economics

Acting Dean: Lena Bailey

Bachelor of Science in Home Economics

Gina Kay Balitsis, Cincinnati
Deena Wendy Berger, Shaker Heights
Kimberly Ann Blake, Grove City
Kerin Lois Blanke, Worthington
Jeanette Marie Boback, Cincinnati
Miriam Jeannetta Bohles, Shaker Heights
Patricia Marie Buckley, Avon Lake
Paula Yvette Carter, Columbus
Jane Lynne Crow, Granville
Kathy Jo Davidson, Sunbury
Melloni René DeMuth, Worthington
Susan Marie Ebbeskotte, Delphos
Nina Louise Englehart, Kirkersville
Kimberly Ann Fischer, Moreland Hills
Linda Louise Flick, Columbus
Gretchen Louise Geckle, Marion
Ann Lorraine Heitkamp, Columbus
Kymberlie Weithman Irwin, Columbus
Laura Shaw Kissel, Columbus
Marcia Beth Klarin, Powell
Estelle T. Knapp, Elyria
Dana Renee Leyland, Pickerington
Lottie B. Mangum, Columbus
Carmela Marie Modugno, Cuyahoga Falls
Laura Suzanne Neal, Toledo
Nancy Jane Noll, Newark
Grace René Nourie, Aurora
Annette Felicia Peters, Akron
Lisa Jo Rogers, Mansfield
Krystie Ann Russell, Elmore
Connie Lynn Schmitt, Hamilton
Linda Sue Scott, Columbus
Susan Holly Sheidlower, Canton
Wendy Jane Slaman, Bay Village

Michelle Suzanne Smith, Wadsworth
Valette Jeanine Solomon, Medina
Marsha Anne Speer, Columbus
Carol Ann Speidel, Caledonia
Mary Susan Trauthwein, Mansfield
Mary Lou Wendell, Fayetteville, W.Va.
Cathleen Ann Workman, Columbus
Katheryn Lucille Davis Zeid, Powell

Bachelor of Science in Nutrition

Martha Gail Sensel, Kettering

College of Medicine

Dean: Manuel Tzagournis, M.D.

Doctor of Medicine

Kathleen Ann Alter, Columbus
B.S. (University of Dayton)
Mary Elizabeth Christiaanse, Bryan
B.A. (Butler University)
Nancy J. Dorman, Canton
B.S. (Bowling Green State University);
Ph.D.
Charles Lawrence Hitchcock, Minneapolis, Minn.
B.A., M.A. (Mankato State University)
William Glenn Littlefield, Flemington, N.J.
B.S. (Ohio University)
Sharon Patricia McQuillan, Youngstown
B.A. (Kent State University)
Mary Elizabeth Mudd, Columbus
B.S. (Ohio Dominican College)
Rajinder Pal Singh, Ambala City, India
B.S. (Punjab University)
M.S.E.E., Ph.D. (University of Cincinnati)
Eric Samuel Wargotz, Middletown, N.J.
B.S. (Rutgers University)

Bachelor of Science in Allied Health Professions

John Thane Altier, Ashtabula
Jeanne Marie Bryk, Dover, De.
William David Calhoun, Columbus
Lisa Sue Wood Grayson, Wooster
Melisa Lee Greiner, Columbus
B.S.N.
Robert Fredrick Henry, Columbus
Bonnie Jean Hume, Akron
Marjorie Mignin Kelley, Archbold
B.S.N.
Ann Elizabeth Kramer, Zanesville
B.S.N.

Certificate of Nurse Anesthetist

Jack Robert Frye, Gibsonburg
B.A.
B.S.N. (Capital University)
John Robert Karnes, Columbus
B.S.N. (University of Toledo)
John Porter Lymanstall, Jewell
B.S.N.
Keith Alan Ramey, Boiviar
B.S.N.

Certificate of Post Baccalaureate Circulation Technologist

Anne Barbara Collins, Tiffin
B.A. (Miami University)

College of Nursing

Acting Dean: Kathryn T. Schoen

Bachelor of Science in Nursing

Linda Margaret Taylor, Columbus
Deborah Keen Whatman, Bellville

College of Pharmacy

Dean: Albert H. Soloway

Doctor of Pharmacy

James Dennis Coyle, Columbus
B.S. Pharm.
Kenneth David Crist, Zanesville
B.S. Pharm.
Carl Steven Pappa, Parma
B.S. Pharm.
Kenneth Paul Scaleria, Columbus
B.S. Pharm. (U. of Rhode Island)

Bachelor of Science in Pharmacy

Krista Guerrieri Coleman, Palmyra, N.Y.
Michael Jay Dick, Plymouth
Gregory M. W. Hodgins, Mantua
B.S. (John Carroll University)
Michael Paul Huetsman, Minster
Peter Paul Kalochoritis, Youngstown
Christopher Michael Lagnese, Aurora
Kristine Robyn McEwen, Woodbridge, N.J.
Patrick M. McGrall, Dayton
Jeffrey Joel Patton, North Canton
Keith Eric Reber, Hubbard
Jill Leslie Smith, Worthington
Jacquelyn Jean Tell, Poland

College of Social Work

Dean: Richard E. Boettcher

Bachelor of Science in Social Welfare

Denise Armehn Coles, Bronx, N.Y.
Susan Katz, Toledo
Michelle Lynn Mann, St. Louisville
Robin Adria Morgan, Columbus
Lisa Renée Watson, Reynoldsburg

Graduates with Honors

Criteria for graduation with honors are as follows:

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 completion of the Arts and Sciences Honors Contract and graduation in the top 25% of the class.

Cum Laude designates those graduating in the top 10% of the class (top 6% in the Colleges of the Arts and Sciences).

Summa Cum Laude designates those graduating in the top 3% of the class (top 1.5% in the Colleges of the Arts and Sciences).

With Distinction in Agricultural Education

Patricia Ann Dyer
Sandra Jean Maurer

With Distinction in Agricultural Education and Dairy Science

Thomas Lawrence Krill

With Distinction in Psychology

Ralph Holmes Boring

With Distinction in Anthropology and with Honors in the Liberal Arts

Duane Martin Johnson

With Distinction in Philosophy and with Honors in the Liberal Arts

Mark Norris Lance

With Distinction in Liberal Arts

Steven Lynn Goble
Cynthia Anne Hamilton
Carl S. Rapport

Cum Laude

Robert Stanley Belsler
Harlan R. Bennett, II
Cynthia Kay Bern

Ramon Joseph Boshara, Jr.
James Uhlen Bowling
Barbara Katrina Burian
James Patrick Centea
Samuel Dean Church
Paul Czerwinski
Vanessa Marie Douglas
Robert Charles Emerson
Eileen Olda Enabnit
Terry Ray Everson
Max Robert Farson
Jenny Lynn Fredritz
Dianne Lanette George
Martin Frederick Giel
Virgil Robert Graham
David Allen Hermann
Claude Michel Jamain
Kevin Dennis Knappe
Linda Sue Knupp
Michelle Wadsworth Kozel
Christopher William Larkin
Samuel Miller Linzell
Gloria Jean Maddamma
Rhonda Brown Margraf
Cynthia Beck McMahan
Brenda Diane McNeil
Judith Smits Miller
Douglas Raymond Nagle
Gina M. Napoli
Donna Sue Peters
Karen Mitchell Rosser
Susan Lynn Schechtman
Barbara Ann Siegel
Treva Lee Shannon
Jody Lynn Smulo
Suzanne Marie Teachey
Seng Aun Teoh
Anca Trifan
Thaddeus Adam Weber
Amy Louise Werner

Cum Laude with Honors in the Liberal Arts

Anita Marie Davena

Summa Cum Laude

Dale Allan Andreatta
Joyce Ann Barrett
Frances Elizabeth Blazer
Cheryl Ann Block
Mary Gretchen Brell
Julie Edith Collins
Peter Czerwinski
Timothy W. Fuffitt
Mark Gibson
Bamin Khomami
Lisa Marie Klice
Lois M. Lautenschlager
Kathryn Weed Lilly
Teresa Coldiron Lott
Miles M. McClelland
Timothy Irving Miller
Matthew Gerard Seiter

Mary Lou Wendell

Summa Cum Laude with Distinction in Electrical Engineering

Thomas John Cunningham

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THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND ONE HUNDRED AND NINETY-SECOND MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, September 2, 1983

The Board of Trustees met at its regular monthly meeting on Friday, September 2, 1983, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: John D. Jacob, Chairman, D. James Hilliker, John F. Havens, Daniel M. Galbreath, Edmund C. Redman, Leonard J. Immke, John W. Berry, Shirley D. Bowser, and Hamilton J. Teaford.

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Minutes of the last meeting were approved.

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September 2, 1983 meeting, Board of Trustees

The Chairman, Dr. Jacob, called the meeting of the Board of Trustees to order at 12:30 p.m.

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ELECTION OF ACTING SECRETARY

Resolution No. 84-19

Synopsis: Election of an Acting Secretary is proposed.

WHEREAS, it is with very deep regret and sympathy that the Board of Trustees of The Ohio State University has learned of the illness of Madison H. Scott, Secretary of the Board of Trustees; and

WHEREAS, Mr. Scott will not be available temporarily to serve as Secretary of the Board of Trustees; and

WHEREAS, the duties and responsibilities of the Secretary of the Board of Trustees are delineated in Rule 3335-1-02 (G) of the Ohio Administrative Code; and

WHEREAS, the extent of those duties requires that an Acting Secretary of the Board of Trustees be appointed until Mr. Scott is able to resume those duties; and

WHEREAS, the Board of Trustees has asked Sue L. Mayer, Special Assistant to the President, to serve as Acting Secretary of the Board of Trustees until Mr. Scott is able to resume those duties:

NOW THEREFORE

BE IT RESOLVED, That Sue L. Mayer be elected to serve as Acting Secretary of the Board of Trustees and that she be given all the powers, duties, and authority of that office until Mr. Scott is able to resume those duties.

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

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Dr. Jacob 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: John D. Jacob, Chairman, John F. Havens, Daniel M. Galbreath, Edmund C. Redman, Leonard J. Immke, John W. Berry, Shirley D. Bowser, and Hamilton J. Teaford.

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September 2, 1983 meeting, Board of Trustees

Dr. Jacob reconvened the meeting at 2:00 p.m.

NAMING OF BUILDING

Resolution No. 84-20

Synopsis: Renaming of building is proposed.

WHEREAS pursuant to authority of this Board in naming of all buildings at The Ohio State University as set forth in paragraph (G) of rule 3335-1-08 of the Administrative Code; and

WHEREAS the President recommended, with the concurrence of the President's Staff, that the original University Hospital building be renamed Charles Austin Doan Hall, to honor Dr. Doan who, during his tenure as Dean of the College of Medicine, was responsible for building the original University Hospital:

NOW THEREFORE

BE IT RESOLVED, That the above specified building be renamed Charles Austin Doan Hall.

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

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PERSONNEL ACTIONS

Resolution No. 84-21

Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Retirement, Changes in Title, Appointment, Appointment of Department Chairpersons, Reappointment of Chairpersons of Department and Division, Medical Staff--Appointments, Medical Staff--Reappointments, Leaves of Absence Without Salary, Leaves of Absence Without Salary--Change of Date, Professional Improvement Leaves, Professional Improvement Leaves--Change of Date, Professional Improvement Leave--Cancellation and Emeritus Titles are recommended for approval.

PERSONNEL ACTIONS (contd)

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the July 8, 1983 meeting of the Board, including the following Retirement, Changes in Title, Appointment, Appointment of Department Chairpersons, Reappointment of Chairpersons of Department and Division, Medical Staff--Appointments, Medical Staff--Reappointments, Leaves of Absence Without Salary, Leaves of Absence Without Salary--Change of Date, Professional Improvement Leaves, Professional Improvement Leaves--Change of Date, Professional Improvement Leave--Cancellation and Emeritus Titles as detailed in the University Budget, be approved.

Retirement

GEORGE R. GIST will retire as Director of the Cooperative Extension Service, effective August 31, 1983.

Changes in Title

Name: DONALD P. ANDERSON
Title: Acting Dean
College: Education - Administration
Effective: September 1, 1983
Salary: \$65,880.00
Present Position: Associate Dean, College of Education
- Administration

Name: CLARENCE J. CUNNINGHAM
Title: Acting Director
Office: Cooperative Extension Service
Effective: September 1, 1983
Salary: N/A
Present Position: Assistant Director, Cooperative Extension
Service

Appointment

Name: G. MICHEAL RILEY
Title: Dean
College: Humanities
Effective: October 1, 1983
Salary: \$60,840.00
Present Position: Associate Dean, Humanities Division,
College of Letters and Science,
University of Wisconsin-Milwaukee,
Milwaukee, Wisconsin

September 2, 1983 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Appointment of Department Chairpersons

July 1, 1983 through June 30, 1984

Animal Science Vern Richard Cahill*

July 1, 1983 through June 30, 1987

Mechanical Engineering Lawrence A. Kennedy

August 1, 1983 through June 30, 1984

Pharmacology Nicholas Gerber*

August 1, 1983 through June 30, 1987

Human Nutrition and Food Management Wayne Allan Johnson

Reappointment of Chairpersons of Department and Division

July 1, 1983 through June 30, 1984

Biochemistry Gary E. Means*

October 1, 1983 through June 30, 1984

Mining Engineering Calvin J. Konya

*Acting Chairperson

Medical Staff--Appointments

Effective May 1, 1983

Richard Solomon, M.D.

Limited Staff in Family Medicine; Clinical Instructor H.S.

Effective July 1, 1983

Dennis P. Brown, M.D.

Limited Staff in General Surgery; Clinical Instructor H.S.

John A. Cheek, D.D.S., M.D.

Courtesy Staff in Oral and Maxillofacial Surgery; Adjunct Assistant Professor

September 2, 1983 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Medical Staff--Appointments (contd)

Effective July 1, 1983 (contd)

Eric S. Chino, M.D.

Limited Staff in General Surgery; Clinical Instructor H.S.

Rajendrakumari R. Gaglani, M.D.

Limited Staff in Pediatrics; Clinical Instructor H.S.

Linda Gray, M.D.

Limited Staff in Diagnostic Radiology; Clinical Instructor H.S.

Neil Jeffrey Grossman, M.D.

Attending Staff in Pediatrics; Assistant Professor

Yuan H. Lin, M.D.

Limited Staff in Thoracic and Cardiovascular Surgery; Clinical Instructor H.S.

William Richard Miely, M.D.

Limited Staff in Orthopedic Surgery; Clinical Instructor H.S.

Kazi Mobin-Uddin, M.D.

Courtesy Staff in Thoracic and Cardiovascular Surgery; Clinical Associate Professor

James F. Nappi, M.D.

Attending Staff in Plastic Surgery; Assistant Professor

Philip T. Nowicki, M.D.

Attending Staff in Pediatrics; Assistant Professor

Jose A. Ramirez, M.D.

Limited Staff in Orthopedic Surgery; Clinical Instructor H.S.

Henry Redmon, M.D.

Courtesy Staff in Plastic Surgery; Clinical Instructor

Louis Rivello, Jr., M.D.

Limited Staff in Radiation Oncology; Clinical Instructor H.S.

Norman Rothermich, M.D.

Transfer from Attending Staff in Rheumatology (Medicine) to Honorary Staff; Professor Emeritus

Trent Smith, M.D.

Transfer from Attending Staff in Otolaryngology to Honorary Staff; Professor Emeritus

Eugene Alan Waltke, M.D.

Limited Staff in General Surgery; Clinical Instructor H.S.

Effective July 15, 1983

Matharbootham Mani, M.D.

Attending Staff in Anesthesiology; Associate Professor

September 2, 1983 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Medical Staff--Appointments (contd)

Effective July 18, 1983

Luis Amado Lopez, M.D.

Attending Staff in Anesthesiology; Assistant Professor

Effective August 1, 1983

John F. Bradley, M.D.

Limited Staff in Family Medicine; Clinical Instructor H.S.

Kenneth V. Cahill, M.D.

Limited Staff in Ophthalmology; Clinical Instructor H.S.

Stanley Cutler, M.D.

Limited Staff in Family Medicine (Fellow); Clinical Instructor H.S.

Kathleen A. McGowan, M.D.

Attending Staff in Ophthalmology; Clinical Assistant Professor

David Utlak, M.D.

Transfer from Attending Staff in Cardiology to Limited Staff in Cardiology; Clinical Instructor H.S.

Medical Staff--Reappointments

Effective July 1, 1983

Craig W. Anderson, M.D.

Attending Staff in Pediatrics

J. John Bock, M.D.

Attending Staff in Orthopedic Surgery

W. Scott Bolz, M.D.

Attending Staff in Orthopedic Surgery

George H. Bonnell, M.D.

Attending Staff in Family Medicine

Robert N. Clark, M.D.

Attending Staff in Orthopedic Surgery

Carl Richard Coleman, M.D.

Attending Staff in Orthopedic Surgery

Martin J. Gottesman, M.D.

Courtesy Staff in Orthopedic Surgery

Richard L. Hess, M.D.

Courtesy Staff in Pediatrics

John R. Kean, M.D.

Courtesy Staff in Orthopedic Surgery

September 2, 1983 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Medical Staff--Reappointments (contd)

Effective July, 1, 1983 (contd)

Stephen A. Koff, M.D.
Attending Staff in Urology

Lawrence Lubbers, M.D.
Attending Staff in Orthopedic Surgery

Thomas H. Mallory, M.D.
Courtesy Staff in Orthopedic Surgery

James H. Nelson, III, M.D.
Courtesy Staff in Urology

Melvin L. Olix, M.D.
Attending Staff in Orthopedic Surgery

John B. Roberts, M.D.
Attending Staff in Orthopedic Surgery

Tony Sarin, M.D.
Courtesy Staff in Obstetrics and Gynecology

Edwin Season, M.D.
Courtesy Staff in Orthopedic Surgery

Richard F. Slager, M.D.
Attending Staff in Orthopedic Surgery

Martin A. Torch, M.D.
Transfer from Attending Staff in Orthopedic Surgery to Courtesy Staff

Richard H. Turner, M.D.
Courtesy Staff in Orthopedic Surgery

Louis J. Unverferth, M.D.
Courtesy Staff in Orthopedic Surgery

Stephen W. Weber, M.D.
Courtesy Staff in Radiology

Lawrence D. Weis, M.D.
Attending Staff in Orthopedic Surgery

Reinhard A. Westphal, M.D.
Attending Staff in Orthopedic Surgery

Ben R. Wiltberger, M.D.
Attending Staff in Orthopedic Surgery

John S. Wolfe, M.D.
Courtesy Staff in Orthopedic Surgery

Wilhelm A. Zuelzer, M.D.
Attending Staff in Orthopedic Surgery

September 2, 1983 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Leaves of Absence Without Salary

GEORGE J. DEMKO, Professor, Department of Geography, effective Autumn Quarter 1983, and Winter Quarter 1984, to accept a temporary appointment at the National Science Foundation.

LI-SHENG W. FU, Associate Professor, Department of Engineering Mechanics, effective Autumn Quarter 1983 and Winter Quarter 1984, to serve as a visiting professor at Taiwan University.

PATRICK BLAHUT, Assistant Professor, College of Dentistry (Community Dentistry), effective August 17, 1983 through September 30, 1983, for personal reasons.

ROBERT R. FURBEE, Assistant Professor, Cooperative Extension Service, effective September 1, 1983 through August 31, 1984, to pursue Ph.D. degree.

DEBORAH Y. GEORG, Assistant Professor, Department of Landscape Architecture, effective October 1, 1983 through June 30, 1984.

JOAN E. HERR, Assistant Professor, Department of Human Nutrition and Food Management, effective October 1, 1983 through September 30, 1984, for personal reasons.

EVA T. CHAPIN, Instructor, Department of Radiology, effective August 1, 1983 through September 25, 1983, for personal reasons.

Leave of Absence Without Salary--Change of Date

NEELAMEGAN SOUNDARARAJAN, Assistant Professor, Department of Computer and Information Science, change leave of absence from April 1, 1983 through September 30, 1983, to April 1, 1983 through June 30, 1983.

Professional Improvement Leaves

YEHIEL HAYON, Professor, Department of Judaic and Near Eastern Languages and Literatures, effective Autumn Quarter 1984, Winter Quarter and Spring Quarter 1985.

THEODORE KUWANA, Professor, Department of Chemistry, effective Autumn Quarter 1984 and Winter Quarter 1985.

PERSONNEL ACTIONS (contd)

Professional Improvement Leaves (contd)

JOHN M. MUSTE, Professor, Department of English, effective Winter Quarter and Spring Quarter 1985.

FRANK R. SILBAJORIS, Professor, Department of Slavic & East European Languages and Literatures, effective Autumn Quarter 1984, Winter Quarter and Spring Quarter 1985.

THOMAS M. WOODSON, Professor, Department of English, effective Autumn Quarter 1984, Winter Quarter and Spring Quarter 1985.

EIICHI BANNAI, Associate Professor, Department of Mathematics, effective Spring Quarter and Autumn Quarter 1984, and Winter Quarter 1985.

MICHELINE P. BESNARD-COURSODON, Associate Professor, Department of Romance Languages and Literatures, effective Autumn Quarter 1984, and Winter Quarter and Spring Quarter 1985.

DAVID A. CULVER, Associate Professor, Department of Zoology, effective Autumn Quarter 1984, Winter Quarter and Spring Quarter 1985.

DAVID R. DOWTY, Associate Professor, Department of Linguistics, effective Autumn Quarter 1984, and Winter Quarter and Spring Quarter 1985.

RUPERT P. HERD, Associate Professor, Department of Veterinary Pathobiology, effective Spring Quarter and Summer Quarter 1984.

FENG S. HSUEH, Associate Professor, Department of East Asian Languages and Literatures, effective Autumn Quarter 1984, Winter Quarter and Spring Quarter 1985.

JASON C. HSU, Associate Professor, Department of Statistics, effective Autumn Quarter 1984, Winter Quarter and Spring Quarter 1985.

SUSAN L. HUNTINGTON, Associate Professor, Department of History of Art, effective Autumn Quarter 1983, Winter Quarter and Spring Quarter 1984.

September 2, 1983 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Professional Improvement Leaves (contd)

JOSEPH H. LYNCH, Associate Professor, Department of History, effective Autumn Quarter 1984, Winter Quarter and Spring Quarter 1985.

EUGENE J. WATTS, Associate Professor, Department of History, effective Autumn Quarter 1984, Winter Quarter and Spring Quarter 1985.

ANN K. BLOMBACH, Assistant Professor, School of Music, effective Autumn Quarter 1984, Winter Quarter and Spring Quarter 1985.

BEVERLY G. SEATON, Assistant Professor, Department of English (Newark), effective Autumn Quarter 1984 and Winter Quarter 1985.

Professional Improvement Leaves--Change of Date

ALFRED G. BISHARA, Professor, Department of Civil Engineering, extension of leave to include Autumn Quarter 1983.

GEORGE P. ECKER, Associate Professor, Department of Educational Policy and Leadership, change of leave from Autumn Quarter 1983, Winter Quarter, Spring Quarter, and Summer Quarter 1984 to Autumn Quarter 1983.

Professional Improvement Leave--Cancellation

DONALD H. DEAN, Associate Professor, Department of Microbiology, effective Autumn Quarter 1983, Winter Quarter and Spring Quarter 1984.

Emeritus Titles

EDNA FRITZ, College of Nursing, with the title Dean Emeritus, effective September 1, 1983.

GEORGE R. GIST, Cooperative Extension Service, with the title Director Emeritus, effective September 1, 1983.

JOHN W. HIBBS, Department of Dairy Science, with the title Professor Emeritus, effective August 1, 1983.

September 2, 1983 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Emeritus Titles (contd)

STELLA B. KONTRAS, Department of Pediatrics, with the title Professor Emeritus, effective September 1, 1983.

ROY B. MCCAULEY, Department of Welding Engineering, with the title Professor Emeritus, effective July 1, 1983.

BETTY J. MEYER, University Libraries, with the title Professor Emeritus, effective October 1, 1983.

FRANK C. WEIMER, Department of Electrical Engineering, with the title Professor Emeritus, effective July 1, 1983.

VERN A. VANDEMARK, Department of Agricultural Economics and Rural Sociology, with the title Associate Professor Emeritus, effective September 1, 1983.

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

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RESOLUTIONS IN MEMORIAM

Resolution No. 84-22

Synopsis: Resolutions honoring the service of four of the University's faculty members who have recently died are being proposed.

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

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

September 2, 1983 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Edward S. Chapman, D.D.S.

The Board of Trustees of The Ohio State University expresses its sorrow at the death on July 11, 1983, of Dr. Edward S. Chapman, Assistant Professor Emeritus in the College of Dentistry.

Dr. Chapman received his D.D.S. degree from The Ohio State University in 1934.

Dr. Chapman was a member of the faculty of the College of Dentistry from 1947 until his retirement in 1975. He also maintained a successful private practice.

Dr. Chapman was Past President of Columbus Dental Society, Diplomat of the American Association of Endodontists, Past President of Ohio Association of Dental Practice Administration, member of the Columbus Dental Veterans, member of the Executive Board, Columbus Council of Boy Scouts and recipient of their Silver Beaver Award. He was also a Veteran of World War II, U. S. Army.

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.

Elizabeth M. Mote

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on June 10, 1983, of Mrs. Elizabeth M. Mote, Assistant Professor Emeritus, Department of Microbiology, College of Biological Sciences.

Elizabeth M. Mote was born December 11, 1909, in Columbus, Ohio, where she attended East High School and graduated in 1926. She received her B.A. from The Ohio State University in 1930 and her M.S. in 1931 from the Department of Bacteriology and Parasitology, The University of Chicago.

She then served as a Research Associate at the University of Illinois Medical School until 1932. From 1932 until 1941, she was Director of the E. M. Myers Clinical Laboratory in Columbus, Ohio.

September 2, 1983 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Elizabeth M. Mote (contd)

In 1959 Mrs. Mote joined The Ohio State University as an Assistant Instructor in Bacteriology and was promoted to Instructor in 1963 and Assistant Professor in 1970. Throughout her tenure at Ohio State, Mrs. Mote took an active interest in teaching and advising students. She served as Coordinating Advisor for majors in Microbiology, liaison for Nursing and Allied Health Programs, advisor for the OSU Optometric Dames Club as well as a member of the Parent Orientation Program, Student Concerns Committee, Arts and Sciences Committee on Counseling and Arts and Sciences Curriculum Committee. She was the first recipient of the Rosalene Sedgwick Faculty Service Award, established to honor faculty who have given outstanding service as a faculty advisor or as a teacher whose work has directly affected the quality of the academic experience of undergraduate students. In both 1970 and 1971 she was named one of the Outstanding Teachers by The Colleges of the Arts and Sciences.

During her tenure at Ohio State, Mrs. Mote co-authored several editions of A Workbook for General Microbiology, which is still used.

On June 30, 1978, Mrs. Mote retired, yet continued to serve part-time as Instructor of General Microbiology for several years. During the summer of 1979, she taught in the Gifted Children's Program in Fairbanks, Alaska.

She was a member of the American Society for Microbiology, Ohio branch of ASM, Sigma Xi, Sigma Delta Epsilon, Helix, Alpha Epsilon Delta, and Chimes.

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 in the minutes of the Board of Trustees and that a copy be tendered to the family as sincere expression of the Board's realization of the loss which the family and The Ohio State University has sustained.

Francis P. Robinson

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on August 6, 1983, of Francis P. Robinson, Professor Emeritus in the Department of Psychology.

Francis P. Robinson was born December 21, 1906 in Danville, Indiana. He received a B.A. degree from the University of Oregon in 1929; an M.A. in 1930 and a Ph.D. in 1932 from the State University of Iowa. He directed the Reading Clinic at the State University of Iowa from 1929-33; was assistant professor from 1933-34, professor and head from 1934-37 of the Department

RESOLUTIONS IN MEMORIAM (contd)

Francis P. Robinson (contd)

of Psychology and Education at Stout Institute; became an assistant professor in the Department of Psychology, The Ohio State University in 1937, associate professor in 1941, and professor in 1944, serving in that capacity until his retirement in 1971. He established one of the nation's first training programs in counseling psychology at Ohio State, served as its director for more than twenty years, and advised students on nearly 100 M.A. theses and Ph.D. dissertations in this field. He was visiting professor at eight colleges and universities in the U. S. and at universities in Canada, Japan, and the United Kingdom; consultant to the U. S. Office of Education and the Veterans Administration; editorial board member for several journals and editor of the Journal of Counseling Psychology from 1964-69; and author of more than sixty publications and four textbooks, including Psychology and the New Education, co-authored with Sidney L. Pressey and published in five foreign languages. Widely known for his research on reading and effective study, he was the originator of the SQ3R method of studying.

Professor Robinson was a founding member of the Division of Counseling Psychology of the American Psychological Association. He was a fellow of the American Psychological Association (council of representatives 1949-53, 1964-67, council of editors 1967-69); fellow of the Division of Counseling Psychology (executive committee 1951-54, 1956-59, president 1954-55); fellow of the Division of Educational Psychology; member of the Ohio Psychological Association (president 1941); and member of the American Personnel and Guidance Association. Professor Robinson's enthusiasm for world travel and his artistry as a photographer were revealed in his award winning photographic exhibitions and his presentations to friends and members of local and national photographic societies.

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.

Anthony J. Ruppertsberg, Jr., M.D.

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on July 17, 1983 of Anthony J. Ruppertsberg, M.D., Professor Emeritus, Department of Obstetrics and Gynecology.

Anthony J. Ruppertsberg was born on June 30, 1907 in Columbus, Ohio. He received his B.S. degree from Lafayette College in 1929 and his M.D. degree from Jefferson Medical College in 1933. Following internship at the Jefferson Hospital in Philadelphia, Dr. Ruppertsberg entered the general practice of medicine for a period of five years, until the beginning of World War II. During this period, Dr. Ruppertsberg also served as Health Commissioner for

September 2, 1983 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Anthony J. Ruppertsberg, Jr., M.D. (contd)

the City of Bexley. He served 5 1/2 years in the Army during which time he earned the Legion of Merit with the Oak Leaf Cluster. Following discharge as a Colonel, Dr. Ruppertsberg continued in the Active Reserves.

Following his military service, Dr. Ruppertsberg took residency training in Obstetrics and Gynecology at Jefferson Hospital and the Margaret Hague Maternity Hospital in Pittsburgh. He became a Fellow of the American College of Obstetrics and Gynecology in 1952 and a diplomate of the American Board of Obstetrics and Gynecology in 1953. Dr. Ruppertsberg practiced until his death and was held in the highest of esteem by his patients. He was a member of the active staff at Grant Hospital during this period.

He was active in public service and was co-founder of the Ohio State Medical Association's Ohio Maternal Mortality Study. In addition, he served as a member of the Ohio State Medical Board for 13 years during which time he was President and, at the time of his death, was Secretary. In his role as a member of the State Medical Board and as President and Secretary, Dr. Ruppertsberg served the people of Ohio with great distinction. He was a member of the Academy of Medicine of Columbus and Franklin County, the Ohio State Medical Association and the American Medical Association. His many memberships included those in the Central Association of Obstetricians and Gynecologists, Pan Pacific Surgical Association, International College of Surgeons and the Pan American Medical Association.

Dr. Ruppertsberg was appointed to the faculty of The Ohio State University College of Medicine as a Clinical Instructor in 1952 and remained active in the teaching programs of the Department until his retirement in 1977, at which time he was granted a Professor Emeritus title. During his tenure as a faculty member at Ohio State University, Dr. Ruppertsberg was the author of many scientific publications and was greatly admired and respected by his students and colleagues.

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.

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September 2, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

Resolution No. 84-23

Synopsis: The reports on contracts, grants, and gifts and the summary for June and July 1983 are presented for Board acceptance.

WHEREAS monies are solicited and received on behalf of the University and the Ohio Agricultural Research and Development Center 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 Agricultural Research and Development Center, 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 Agricultural Research and Development Center, and The Ohio State University Development Fund during the months of June and July 1983, be approved.

Upon motion of Mr. Redman, seconded by Mr. Berry, the foregoing resolution was adopted by the Board of Trustees by unanimous voice vote.

SUMMARY FOR JUNE 1983

Source	No. of Projects	Support Level
The Ohio State University Research Foundation	182	\$15,614,751.41
Engineering Experiment Station	33	\$ 366,362.00
		\$15,981,113.41

September 2, 1983 meeting, Board of Trustees

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

SUMMARY FOR JUNE 1983 (contd)

The Ohio State University Development Fund

Establishment of Named Funds

Wilkins-Lloyd Legal Scholarship Fund (College of Law - scholarships)	\$ 404,705.90
Tackett Memorial Endowment Fund (College of Engineering - scholarships)	\$ 75,000.00
Lloyd-Wilkins Dental Scholarship Fund (College of Dentistry - scholarships)	\$ 71,418.69
Francis W. Davis Fellowship for the Department of Photography and Cinema (Fellowship in Department of Photography and Cinema)	\$ 5,000.00
The Benny Klein Memorial Fund in the College of Medicine (Cancer research programs)	\$ 5,000.00
The Joseph E. Zupancic Scholarship Fund (Industrial Technology Education - scholarships)	\$ 5,000.00

Report from Presidents Club

Members to date	4,609
1983 members: year to date	67
New members - June 1983	13

New Presidents Club Members - June 1983

Silvio Bisciotti	Richard T. McIntosh
Richard Boucher	Miriam Mikesell
Dennis R. Cebul	(Mrs. Robert L.)
Michael J. Clark	L. Scott Papas
Allan I. Gordon	Thomas J. Turner
Jack K. Hill	Thomas A. Twigg
Jeffrey R. Kreutzberg	Paul E. Watkins

September 2, 1983 meeting, Board of Trustees

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

SUMMARY FOR JULY 1983

Source	No. of Projects	Support Level
The Ohio State University Research Foundation	59	\$ 5,407,781.96
Engineering Experiment Station	20	\$ 98,463.00
Ohio Agricultural Research and Development Center	2	\$ 89,300.00
		\$ 5,595,544.96
The Ohio State University Development Fund		
Establishment of Named Funds		
The Adam and Clara Maurer Scholarship Fund (College of Education - scholarships)		\$ 10,000.00
Duane C. Brown Fund (Award in photogrammetry)		\$ 6,600.00
Dorothy Sumption Wirthwein-Women's Physical Education Fund (Graduate Fellowship)		\$ 5,020.98
The Franz Theodore Stone Laboratory Scholarship Fund (Franz Theodore Stone Laboratory - scholarships)		\$ 5,000.00
Report from Presidents Club		
Members to date		4,616
1983 members: year to date		82
New members - July 1983		15

September 2, 1983 meeting, Board of Trustees

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

SUMMARY FOR JULY 1983 (contd)

The Ohio State University Development Fund (contd)

New Presidents Club Members - July 1983

Rolf F. Barth
R. Dennis Blose
Jeannette Burks
(Mrs. Paul)
Victor J. Cook
Jessie Gould
(Mrs. Wilbur A.)
Marlene E. Griffin
(Mrs. John W.)

Richard H. Ketterling
Joel G. Lucas
John J. Lunn
Anne M. Lunn
(Mrs. John J.)
Susan I. Price
Mark D. Sandridge
Dean W. Simeral
Alan C. Trottman
Frank J. Waxman

September 2, 1983 meeting, Board of Trustees

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

FOURTH QUARTER SUMMARY

April 1, 1983 through June 30, 1983

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Sponsor	No. of Awards	Amount of Support
FEDERAL		
National Aeronautics and Space Administration	10	\$ 352,244.00
National Science Foundation	54	3,582,382.00
Department of Defense	16	835,915.00
Department of Energy	8	534,184.00
Department of Education	17	3,323,860.00
Department of Health and Human Services	50	4,095,864.00
Other Federal	25	6,273,053.00
TOTAL - FEDERAL	180	\$18,997,502.00
STATE OF OHIO	19	\$ 635,078.55
INDUSTRIAL	33	\$ 1,694,198.04
OTHER NON-FEDERAL	102	\$ 2,588,168.94
GRAND TOTAL	334	\$23,914,947.53

September 2, 1983 meeting, Board of Trustees

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

FOURTH QUARTER SUMMARY

April 1, 1983 through June 30, 1983

ENGINEERING EXPERIMENT STATION

Sponsor	No. of Awards	Amount of Support
STATE OF OHIO	2	\$ 67,486.00
INDUSTRIAL AND OTHER	123	\$706,711.00
TOTALS	125	\$774,197.00

September 2, 1983 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Report - June 1983

Federal Research Contracts/Grants

\$4,221,999.00 - Department of Labor, Employment and Training Administration, Washington, D. C., National Longitudinal Studies of Labor Force Behavior, Center for Human Resource Research, Academic Faculty of Labor and Human Resources (M. E. Borus), 1 October 1983 through 30 September 1984. (Project 760081 - Continuation)

\$1,029,999.00 - Department of Education, Washington, D. C., Supplemental Studies for The National Center for Research in Vocational Education, The National Center for Research in Vocational Education (R. E. Taylor), 1 June 1983 through 30 September 1984. (Project 763605 - New)

\$604,027.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bureau of Community Health Services, Maternal and Child Health Training, Rockville, Maryland, Mental Retardation Training, Nisonger Center for Mental Retardation (G. E. Martin), 1 July 1983 through 30 June 1984. (Project 761169 - Continuation)

\$499,997.00 - National Science Foundation, Washington, D. C., Charge Transfer at Interfaces, Materials Research Laboratory (J. C. Garland), 1 August 1983 through 31 July 1984. (Project 763216 - Continuation)

\$435,230.00 - Department of Education, Office of Special Education and Rehabilitation Services, Office of Special Education, Washington, D. C., Regional Resource Center, Academic Faculty of Exceptional Children (T. M. Stephens), 1 June 1983 through 31 May 1984. (Project 763600 - New)

\$400,000.00 - Agency for International Development, Washington, D. C., Cooperative Agreement between The Ohio State University and U. S. Agency for International Development for the Improvement of Savings and Credit Services by Rural Financial Institutions in Lesser-Developed Countries, Department of Agricultural Economics and Rural Sociology (D. H. Graham and D. H. Boyne), 24 September 1983 through 31 March 1984. (Project 763301 - Continuation)

\$365,000.00 - Agency for International Development, Washington, D. C., Improvement of Savings and Credit Services by Rural Financial Institutions in Honduras, Department of Agricultural Economics and Rural Sociology (D. H. Graham and D. H. Boyne), 1 April 1983 through 31 March 1984. (Project 763301 - Continuation)

September 2, 1983 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$190,000.00 - National Science Foundation, Washington, D. C., Motion Control, Natural Phenomena, and Parallel Architectures for Display Algorithms, Department of Art Education (C. A. Csurí), 15 June 1983 through 31 May 1984. (Project 763611 - New)

\$184,800.00 - Department of Education, Office of Postsecondary Education, Washington, D. C., Graduate and Professional Opportunities Program, Graduate School Administration (A. S. Pruitt), 1 September 1983 through 31 August 1984. (Project 763610 - New)

\$177,873.00 - Environmental Protection Agency, Washington, D. C., Effect of Composted Municipal Sludge on Soil-Borne Plant Pathogens, Department of Pathology (OARDC) (H. A. J. Hoitink and A. F. Schmitthenner), 15 June 1983 through 14 June 1985. (Project 763617 - New)

\$155,314.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Oncology Training Grant, Department of Medicine (S. P. Balcerzak), 1 July 1983 through 30 June 1984. (Project 761160 - Continuation)

\$150,000.00 - Department of the Interior, Bureau of Mines, Washington, D. C., Mining and Mineral Resources Research Institute Annual Allotment, College of Engineering - Mining Engineering (C. J. Konya), 1 July 1983 through 30 June 1984. (Project 763693 - New)

\$147,380.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Unsaturated Polyolefins and Hydrocarbon Carcinogenesis, Department of Chemistry (L. A. Paquette), 1 June 1983 through 31 May 1984. (Project 763284 - Continuation)

\$147,318.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, A Model of Parainfectious Demyelinating Encephalitis, Department of Veterinary Pathobiology, (G. S. Krakowka), 1 July 1983 through 30 June 1984. (Project 762797 - Continuation)

\$143,409.00 - Department of Energy, Lawrence Berkeley Laboratory, University of California, Berkeley, California, An Experimental Evaluation of the Thermodynamic Properties of Alkaline Battery Electrodes in Concentrated Alkali Hydroxide Solutions, Department of Metallurgical Engineering (D. D. Macdonald), 1 June 1983 through 31 May 1986. (Project 763606 - New)

September 2, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$132,620.00 - Department of Education, Office of Rehabilitation Services Administration, Washington, D. C., Training Grant in Physical Medicine and Rehabilitation, Department of Physical Medicine (E. W. Johnson), 1 July 1983 through 30 June 1984. (Project 760750 - Continuation)

\$129,997.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, Application of Optical Computing Techniques to Jet Engine Control, Department of Electrical Engineering, ElectroScience Laboratory (S. A. Collins), 29 July 1983 through 30 July 1984. (Project 761795 - Continuation)

\$120,094.00 - Department of the Air Force, Air Force Systems Command, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., Immune Dysfunctions and Abrogation of the Inflammatory Response by Environmental Chemicals, Department of Veterinary Pathobiology (R. G. Olsen and M. Tarr), 1 July 1983 through 30 June 1984. (Project 763614 - New)

\$115,247.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Environmental Health Sciences, Research Triangle Park, North Carolina, Genotoxicity in Human Fetal Brain, Dermis and Kidney, Departments of Radiology and Pharmacology (S. M. D'Ambrosio), 20 June 1983 through 31 May 1984. (Project 763673 - New)

\$113,162.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Pathology of Mitochondria in Ischemic Myocardium, Department of Physiological Chemistry (G. P. Brierley), 1 July 1983 through 30 June 1984. (Project 761229 - Continuation)

\$102,300.00 - Department of Agriculture, Science and Education, Arlington, Virginia, Cloning of Virulence Genes from Erwinia stewartii, Department of Plant Pathology (OARDC) (D. L. Coplin), 1 August 1983 through 31 July 1985. (Project 763687 - New)

\$100,000.00 - National Endowment for the Humanities, Challenge Grant Program, Washington, D. C., Challenge Grant for the Hilander Research Project Endowment, University Libraries (W. J. Studer), 1 March 1983 through 31 July 1986. (Project 763686 - New)

\$99,991.00 - Department of the Navy, Naval Air Station, Point Mugu, California, Radar Cross Section Studies, Department of Electrical Engineering, ElectroScience Laboratory (L. Peters and W. D. Burnside), 15 June 1983 through 14 June 1984. (Project 763148 - Continuation)

September 2, 1983 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$98,639.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Effector Mechanisms in Allergic Encephalomyelitis, Department of Medicine (C. C. Whitacre) and Department of Pathology (A. J. Yates), 1 July 1983 through 30 June 1984. (Project 763206 - Continuation)

\$93,714.00 - Department of Defense, Washington, D. C., The Basic Issues Involved in Military Competence: An Historical Examination, Mershon Center for Education in National Security and Department of History (A. R. Millett) and Department of History (W. Murray), 1 May 1983 through 30 April 1984. (Project 763532 - New)

\$93,704.00 - National Science Foundation, Washington, D. C., Synthesis and Isomerization Reactions of Novel Alicyclic Molecules, Department of Chemistry (L. A. Paquette), 1 September 1983 through 31 August 1984. (Project 761850 - Continuation)

\$92,000.00 - National Science Foundation, Washington, D. C., Structure, Dynamic Behavior and Synthesis of Selected Carbanionic Substances, Department of Chemistry (G. A. Fraenkel), 1 July 1983 through 30 June 1984. (Project 763630 - Continuation)

\$88,969.00 - Department of Education, Office of Postsecondary Education, Washington, D. C., The Central Ohio Consortium for the Improvement of Postsecondary Computer Science Education, Department of Computer and Information Science (S. H. Zweben), 1 October 1983 through 30 September 1984. (Project 763306 - Continuation)

\$87,000.00 - National Science Foundation, Washington, D. C., Paleontologic and Geologic History of the James Ross Island Basin, Antarctica, Institute of Polar Studies (W. J. Zinsmeister), and Institute of Polar Studies and Department of Geology and Mineralogy (D. H. Elliot), 1 July 1983 through 30 June 1984. (Project 763601 - New)

\$85,400.00 - National Science Foundation, Washington, D. C., An Equipment Proposal for Acquisition of Mechanical Testing Facilities, Department of Metallurgical Engineering (R. G. Hoagland), 15 June 1983 through 31 May 1984. (Project 763593 - New)

\$84,474.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Chymotrypsin Deacylation - An In-Depth Study, Department of Chemistry (M. H. Klapper), 1 July 1983 through 30 June 1984. (Project 763200 - Continuation)

September 2, 1983 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$83,878.00 - Department of Health and Human Services, Public Health Service, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Amphetamine, Monoamines and Behavior, College of Pharmacy (N. J. Uretsky), 1 July 1983 through 30 June 1984. (Project 761210 - Continuation)

\$82,856.00 - National Science Foundation, Washington, D. C., Dynamics and Control of Kinematically Redundant Robotic and Biological Systems, Department of Mechanical Engineering (N. Berme, C. A. Klein, S. Koozekanani and R. McGhee), 15 July 1983 through 14 July 1984. (Project 763208 - Continuation)

\$81,200.00 - National Science Foundation, Washington, D. C., Low Temperature Electronic Properties of Conducting Solids, Department of Physics (J. C. Garland), 1 July 1983 through 30 June 1984. (Project 762691 - Continuation)

\$80,802.00 - Department of the Army, U. S. Army Research Office, Research Triangle Park, North Carolina, Gaseous Corrosion of Silicon Based Ceramics, Department of Ceramic Engineering (E. R. Kreidler and D. W. Readey), 1 October 1983 through 30 September 1984. (Project 763186 - Continuation)

\$79,477.00 - Department of the Air Force, Air Force Systems Command, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., Development of an *in Vivo* Assay for Mistranslation - Inducing Activity of Pollutants and Characterization of Amino Acid Substitutions, Department of Microbiology (J. N. Reeve), 1 April 1981 through 31 July 1984. (Project 762592 - Continuation)

\$77,779.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, *In Vivo* Release of Transformed Cell-Specific Proteins, Department of Physiological Chemistry and Cancer Research Center (T. E. Webb) and Department of Physiological Chemistry (D. E. Schumm), 1 June 1983 through 31 May 1984. (Project 763071 - Continuation)

\$73,263.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Environmental Health Sciences, Research Triangle Park, North Carolina, Trihalomethanes in Water: An Epidemiologic Model, Department of Preventive Medicine (J. R. Wilkins, III) and Cancer Research Center (N. A. Reiches), 1 July 1983 through 30 June 1984. (Project 762748 - Continuation)

September 2, 1983 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$71,883.00 - Department of the Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Optical Flow and Texture Variables Useful in Determining and Guiding Self Motion, Department of Psychology (D. H. Owen), 15 April 1983 through 30 September 1983. (Project 763524 - New)

\$70,884.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Prolactinomas: In Vivo and in Vitro Studies, Department of Medicine (W. B. Malarkey) and Department of Veterinary Pathobiology (C. C. Capen), 1 July 1983 through 30 June 1984. (Project 763223 - Continuation)

\$70,732.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, ^{17}O and ^{31}P NMR of Biophosphates, Department of Chemistry (M. D. Tsai), 1 August 1983 through 31 July 1984. (Project 763228 - Continuation)

\$70,000.00 - National Science Foundation, Washington, D. C., Gaseous and Aqueous Corrosion of Ceramics, Department of Ceramic Engineering (D. W. Readey), 1 July 1983 through 30 June 1984. (Project 762751 - Continuation)

\$69,508.00 - National Science Foundation, Washington, D. C., Phylogeny in the Green Algal Class Ulvophyceae, Department of Botany (G. L. Floyd), 1 July 1983 through 30 June 1984. (Project 763669 - New)

\$64,180.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Stereochemistry of Enzyme Reactions to Phosphorus, Department of Chemistry (M. D. Tsai), 1 July 1983 through 30 June 1984. (Project 762722 - Continuation)

\$63,739.00 - Department of Housing and Urban Development, Washington, D. C., Indefinite Quantity Contract for Housing Finance Research, Academic Faculty of Finance (R. L. Racster), 14 June 1983 through 13 June 1984. (Project 763508 - Continuation)

\$63,586.00 - Department of Transportation, National Highway Traffic Safety Administration, Vehicle Research and Test Center, East Liberty, Ohio, Research on Braking and Handling Properties of Trucks and Other Vehicles, Department of Mechanical Engineering (D. A. Guenther), 1 July 1983 through 30 September 1984. (Project 763106 - Continuation)

September 2, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$60,157.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Environmental Health Sciences, Bethesda, Maryland, The Enzymology of Mercury Detoxification, College of Pharmacy (J. W. Williams), 1 July 1983 through 30 June 1984. (Project 762733 - Continuation)

\$60,000.00 - National Science Foundation, Washington, D. C., Dispersion versus Absorption (DISPA) Line Shape Analysis for Inhomogeneously Broad Spectra, Department of Chemistry (A. G. Marshall), 1 July 1983 through 30 June 1984. (Project 763690 - New)

\$54,427.00 - National Science Foundation, Washington, D. C., Maintenance of the Bacillus Genetic Stock Center, Department of Microbiology (D. H. Dean), 1 August 1983 through 31 July 1984. (Project 762225 - Continuation)

\$54,397.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Arthritis, Diabetes, Digestive and Kidney Diseases, Bethesda, Maryland, Energetics of Calcium Cycling During Muscle Contraction, Department of Physiology (J. A. Rall), 1 July 1983 through 30 June 1984. (Project 760993 - Continuation)

\$52,351.00 - National Science Foundation, Washington, D. C., Ultrastructure of Fossil Pollen and Spores, Department of Botany (T. N. Taylor), 1 October 1983 through 30 September 1984. (Project 762215 - Continuation)

\$50,928.00 - Department of Health and Human Services, Public Health Service, Health Research Services Administration, Division of Associated Health Professions, Hyattsville, Maryland, Graduate Program in Health Administration, College of Medicine - Administration (S. F. Loeb), 1 October 1983 through 30 September 1984. (Project 761329 - Continuation)

\$48,000.00 - National Science Foundation, Washington, D. C., ISSOS--Operating Software for Industrial Systems, Department of Computer and Information Science (K. Schwan), 1 October 1983 through 30 September 1985. (Project 763598 - New)

\$46,909.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Ontogeny and Plasticity of Identified Spinal Systems, Department of Anatomy (R. H. Ho), 1 July 1983 through 30 June 1984. (Project 763196 - Continuation)

September 2, 1983 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$45,000.00 - National Science Foundation, Washington, D. C., The Physiology of Elongate Windpipes in Cranes, Department of Zoology (A. S. Gaunt), 1 June 1983 through 31 May 1984. (Project 763528 - New)

\$42,000.00 - Department of the Army, Army Corps of Engineers, Cold Regions and Research and Engineering Laboratory, Hanover, New Hampshire, Mapping and Response of Soils and Landforms to Environmental Stresses in Northern Alaska, Institute of Polar Studies and Department of Agronomy (K. R. Everett), 9 June 1983 through 30 April 1984. (Project 762749 - Continuation)

\$41,526.00 - Department of Transportation, National Highway Traffic Safety Administration, Vehicle Research and Test Center, East Liberty, Ohio, Preliminary Development - Health/Neck Simulator, Department of Mechanical Engineering (D. A. Guenther), 1 August 1983 through 31 December 1983. (Project 763173 - Continuation)

\$41,470.00 - National Science Foundation, Washington, D. C., Studies of Anatomically Preserved Plants from the Permian and Triassic of Antarctica, Institute of Polar Studies and Department of Botany (T. N. Taylor), 1 May 1983 through 30 April 1984. (Project 763591 - New)

\$40,000.00 - Department of the Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Transition-Region Heat Transfer and Rough Surface Effects on Turbo-Machine Flow Problems, Department of Mechanical Engineering (L. S. Han), 1 May 1983 through 30 September 1983. (Project 763057 - Continuation)

\$36,400.00 - National Science Foundation, Washington, D. C., Exploration of Radical Addition Reactions in the Synthesis of Complex Molecules, Department of Chemistry (D. J. Hart), 1 September 1983 through 31 August 1984. (Project 763219 - Continuation)

\$35,000.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Development of Low Cost Filler Materials for Welding High Strength Steels and Titanium Alloys, Department of Welding Engineering (D. G. Howden), 1 January 1983 through 31 July 1983. (Project 762890 - Continuation)

\$33,532.00 - National Science Foundation, Washington, D. C., Relativistic Optical Model at Intermediate Energies, Department of Physics (B. C. Clark), 1 July 1983 through 30 June 1984. (Project 763671 - 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)

\$31,417.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Clinical Cancer Education Program, Department of Surgery (A. G. James), 1 July 1982 through 30 June 1984. (Project 761412 - Continuation)

\$29,988.00 - Environmental Protection Agency, Washington, D. C., Effects of Toxic Substances on Growth, Survival and Pathology of Larval Fishes in the River Basin Estuary, Michigan, Lake Erie, Center for Lake Erie Area Research (C. E. Herdendorf), 27 June 1983 through 26 June 1985. (Project 763665 - New)

\$27,800.00 - National Science Foundation, Washington, D. C., P-Polynomial and Q-Polynomial Association Schemes, Department of Mathematics (E. Bannai), 1 July 1983 through 30 June 1985. (Project 763647 - Continuation)

\$27,641.00 - Department of Education, Washington, D. C., Career Planning Support System Developer Demonstrator Project, II, The National Center for Research in Vocational Education (R. E. Taylor), 1 September 1983 through 11 May 1984. (Project 763287 - Continuation)

\$27,569.00 - Department of Health and Human Services, Public Health Service, Food and Drug Administration, Rockville, Maryland, The Veterinary Drug Experience Reporting Program, Department of Veterinary Clinical Sciences (W. W. Muir), 27 June 1981 through 31 March 1984. (Project 762689 - Continuation)

\$25,800.00 - National Science Foundation, Washington, D. C., Combinatorial Problems and Their Applications, Department of Mathematics (D. K. Ray-Chaudhuri), 1 July 1983 through 30 June 1984. (Project 762779 - Continuation)

\$25,000.00 - National Aeronautics and Space Administration, Jet Propulsion Laboratory, Pasadena, California, Support of the NASA Propagation Studies and Measurements Program, Department of Electrical Engineering, ElectroScience Laboratory, (C. A. Levis and E. K. Damon), 1 July 1983 through 31 August 1983. (Project 763692 - New)

\$24,650.00 - National Science Foundation, Washington, D. C., Transmission of Optical Solitons, Department of Mathematics (Y. Kodama), 1 July 1983 through 30 June 1985. (Project 763619 - 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)

\$23,700.00 - National Science Foundation, Washington, D. C., Investigations in Hermitian Algebraic K-Theory of Topological Spaces and Applications to Geometric Topology, Department of Mathematics (Z. Fiedorowicz), 1 July 1983 through 30 June 1985. (Project 763640 - New)

\$21,750.00 - Department of Health and Human Services, Public Health Service, National Institute on Drug Abuse, Rockville, Maryland, Dependence upon Analgesic Electrical Brain Stimulation, Department of Psychology (B. E. Thorn-Gray), 1 June 1983 through 31 May 1984. (Project 763621 - New)

\$21,350.00 - National Science Foundation, Washington, D. C., Probability and Ergodic Theory, Department of Mathematics (L. Sucheston), 1 July 1983 through 30 June 1984. (Project 763618 - Continuation)

\$21,005.00 - National Science Foundation, Washington, D. C., Nonlinear Wave Motion, Department of Mathematics (J. M. Greenberg), 1 July 1983 through 30 June 1984. (Project 763660 - New)

\$17,877.00 - National Science Foundation, Washington, D. C., A Differential Scanning Calorimeter for Polymer and Chemical Engineering Research, Department of Chemical Engineering (L. J. Lee), 1 June 1983 through 31 May 1984. (Project 763597 - New)

\$17,736.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Anatomy of Acoustic-Motor Pathways, Department of Anatomy (G. F. Martin, Jr. and F. H. Willard), 1 June 1983 through 31 May 1984. (Project 763100 - Continuation)

\$16,432.00 - Department of Transportation, National Highway Traffic Safety Administration, Vehicle Research and Test Center, East Liberty, Ohio, SID Design Modification, Department of Mechanical Engineering (R. L. Stalnaker), 1 July 1983 through 31 January 1984. (Project 763466 - Continuation)

\$16,000.00 - National Science Foundation, Washington, D. C., Array Processor-Based Research Simulator for Interactive Computation in Power System Security and Dynamic Analysis, Department of Electrical Engineering (A. Keyhani and D. E. Orin), 1 July 1983 through 30 June 1985. (Project 763595 - 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)

\$15,000.00 - Department of Agriculture, Agricultural Research Service, Washington, D. C., A Preliminary Examination of Factors Related to Enrollment in and Completion of College and University Agriculture Programs, The National Center for Research in Vocational Education (R. E. Taylor), 25 May 1983 through 24 May 1987. (Project 763604 - New)

\$14,925.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, Propeller/Rotor Icing Study, Department of Aeronautical and Astronautical Engineering (J. D. Lee), 1 July 1983 through 1 November 1983. (Project 762399 - Continuation)

\$13,150.00 - National Science Foundation, Washington, D. C., Elliptic Systems and Hecke Operators on Locally Symmetric Spaces, Department of Mathematics (H. Moscovici), 1 July 1983 through 30 June 1984. (Project 763636 - Continuation)

\$11,000.00 - National Science Foundation, Washington, D. C., The Residue of the p-Adic Zeta Function of a Number Field, Department of Mathematics (W. M. Sinnott), 1 July 1983 through 30 June 1984. (Project 763672 - New)

\$10,800.00 - National Science Foundation, Washington, D. C., Combinatorics and Real Numbers, Department of Mathematics (T. Carlson), 1 July 1983 through 30 June 1984. (Project 763596 - New)

\$10,000.00 - Defense Mapping Agency, Hydrographic/Topographic Center, Washington, D. C., Research Related to Inertial Survey Systems, Department of Geodetic Science and Surveying (I. I. Mueller), 20 June 1983 through 30 September 1983. (Project 763302 - Continuation)

\$10,000.00 - Department of Agriculture, Agricultural Research Service, Washington, D. C., Development and Use of a Model Student Recruitment Program for U. S. Colleges of Agriculture, College of Agriculture and Home Economics - Administration (K. W. Reisch), 1 July 1983 through 30 June 1987. (Project 763701 - New)

\$8,208.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, Feasibility Study on Diffusion Bonding in GaAs Solar Cell Fabrication, Department of Welding Engineering (C. A. Albright), 27 June 1983 through 27 September 1983. (Project 763646 - 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)

\$2,925.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Synthesis of Biologically Important Carbohydrates, Department of Chemistry (D. Horton), 23 June 1983 through 30 November 1983. (Project 760025 - Continuation)

\$2,748.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, Discrete Control Modeling of Computer-Aided Control of Strongly Interactive Systems, Department of Industrial and Systems Engineering (R. A. Miller) and Department of Psychology (R. J. Jagacinski), 1 July 1983 through 30 September 1983. (Project 763264 - Continuation)

\$2,643.00 - Department of Agriculture, Forest Service, Pacific Northwest Forest and Range Experiment Station, Portland, Oregon, Soil Movement of Slopes in Permafrost Environments, Department of Civil Engineering (T. H. Wu), 1 June 1983 through 6 September 1983. (Project 761325 - Continuation)

\$2,500.00 - Department of Agriculture, Agricultural Marketing Service, Cleveland, Ohio, Development of Milk Lactose Assay for Milk Marketing Testing, Department of Dairy Science (OARDC) (F. L. Schanbacher), 8 June 1983 through 8 November 1983. (Project 763691 - New)

\$2,069.00 - Department of Transportation, National Highway Traffic Safety Administration, East Liberty, Ohio, Side Impact Test Procedure Development - Phase II, Department of Statistics (D. R. Whitney), 13 June 1983 through 5 August 1983. (Project 763645 - New)

\$2,000.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Fogarty International Center, Bethesda, Maryland, Fogarty International Fellowship, Department of Chemistry (H. G. Floss), 1 September 1983 through 31 August 1984. (Project 763590 - Continuation)

\$890.00 - Department of Education, Office of Libraries and Learning Technologies, Washington, D. C., Acquisition of Academic Library Resources for Agricultural Technical Institute, Wooster, University Libraries (G. D. Guthrie), 1 October 1983 through 30 September 1984. (Project 763700 - New)

\$890.00 - Department of Education, Office of Libraries and Learning Technologies, Washington, D. C., Acquisition of Academic Library Resources for the Lima Regional Campus, University Libraries (G. D. Guthrie), 1 October 1983 through 30 September 1984. (Project 763696 - 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)

\$890.00 - Department of Education, Office of Libraries and Learning Technologies, Washington, D. C., Acquisition of Academic Library Resources for the Mansfield Regional Campus, University Libraries (G. D. Guthrie), 1 October 1983 through 30 September 1984. (Project 763697 - New)

\$890.00 - Department of Education, Office of Libraries and Learning Technologies, Washington, D. C., Acquisition of Academic Library Resources for the Marion Regional Campus, University Libraries (G. D. Guthrie), 1 October 1983 through 30 September 1984. (Project 763698 - New)

\$890.00 - Department of Education, Office of Libraries and Learning Technologies, Washington, D. C., Acquisition of Academic Library Resources for the Newark Regional Campus, University Libraries (G. D. Guthrie), 1 October 1983 through 30 September 1984. (Project 763699 - New)

TOTAL - FEDERAL AWARDS

\$12,823,654.00

State of Ohio Research Contracts/Grants

\$272,367.09 - State of Ohio, Department of Education, Division of Vocational Education, Ohio Occupational Information Coordinating Committee, Columbus, Ohio, Occupational Employment Statistics Survey Program in Ohio for Manufacturing and Hospitals, Academic Faculty of Labor and Human Resources (H. R. Blaine), 1 July 1983 through 30 June 1984. (Project 763695 - New)

\$75,000.00 - State of Ohio, Department of Education, Division of Special Education, Columbus, Ohio, Ohio Education Deans' Task Force Project, Academic Faculty of Exceptional Children (T. M. Stephens), 1 July 1983 through 30 June 1984. (Project 763677 - Continuation)

\$33,500.00 - State of Ohio, Department of Education, Division of Special Education, Columbus, Ohio, Head of Teacher Education, Academic Faculty of Exceptional Children (T. M. Stephens), 1 July 1983 through 30 June 1984. (Project 763683 - Continuation)

\$8,393.00 - State of Ohio, Department of Education, Division of School Food Service, Columbus, Ohio, "Upward Bound" Summer Food Service Program, Office of Minority Affairs (R. T. McDonald), 18 June 1983 through 30 July 1983. (Project 763608 - 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)

\$2,000.00 - State of Ohio, Department of Mental Retardation and Developmental Disabilities, Columbus, Ohio, Deinstitutionalization Task Force, Nisonger Center for Mental Retardation (H. Leland), 15 June 1983 through 30 September 1983. (Project 762593 - Continuation)

\$1,555.00 - State of Ohio, Department of Health, Columbus, Ohio, Comprehensive Adult Hemophilia Clinic, Department of Medicine (S. P. Balcerzak), 1 July 1982 through 30 June 1983. (Project 762760 - Continuation)

\$900.00 - The Ohio Humanities Council, Columbus, Ohio, "Communist States: Interplay of Politics, Economics and Ideology" - A Workshop, Department of Slavic and East European Languages and Literatures (L. I. Twarog) and Department of Anthropology (C. M. Chen), 30 April 1983 through 21 June 1983. (Project 763576 - New)

\$698.00 - The Ohio Humanities Council, Columbus, Ohio, Appalachians and the Melting Pot, Department of Theatre (A. L. Woods), 18 May 1983 through 18 August 1983. (Project 763626 - New)

TOTAL - STATE OF OHIO AWARDS

\$ 394,413.09

Industrial Research Contracts/Grants

\$231,971.00 - The Procter & Gamble Company, Cincinnati, Ohio, Study of Dental Caries, College of Dentistry - Oral Biology (W. A. Zacherl), 1 July 1983 through 30 June 1984. (Project 762065 - Continuation)

\$106,232.00 - Tominy Incorporated, Cincinnati, Ohio, Software Development Program, Academic Faculty of Accounting (J. Cunyngnam), 1 January 1983 through 31 December 1983. (Project 763552 - New)

\$82,000.00 - International Business Machines Corporation, White Plains, New York, Generic Instrumentation, College of Pharmacy (C. L. Olson and J. M. Jagadeesh), 1 June 1983 through 30 June 1984. (Project 762771 - Continuation)

\$57,142.70 - Smith Kline and French Laboratories, Philadelphia, Pennsylvania, Cardiovascular Effects of SK&F 100,168A in Patients with Congestive Heart Failure Using Invasive Monitoring, Department of Medicine (C. V. Leier), 1 February 1983 through 31 January 1984. (Project 763638 - 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)

\$50,600.00 - Adria Laboratories, Inc., Columbus, Ohio, Synthesis of Novel Anthracycline Glycosides, Department of Chemistry (D. Horton), 1 October 1983 through 30 September 1984. (Project 762866 - Continuation)

\$47,351.00 - The Procter & Gamble Company, Cincinnati, Ohio, Study of Dental Calculus, College of Dentistry - Administration (W. A. Zacherl), 1 July 1983 through 30 June 1984. (Project 760029 - Continuation)

\$46,947.00 - Adria Laboratories, Inc., Columbus, Ohio, Investigation of the Microbiological Modification of Anthracycline, Department of Microbiology (W. R. Strohl), 1 July 1983 through 30 June 1984. (Project 762765 - Continuation)

\$46,246.00 - The Procter & Gamble Company, Cincinnati, Ohio, A Double-Blind Parallel Comparison Among Three Different Aspirin Preparations and Placebo Following Tooth Extraction in Dental Patients, College of Dentistry - Oral Surgery (J. M. Weaver), 15 June 1983 through 15 April 1984. (Project 763620 - New)

\$25,422.00 - ARROW, Inc., Washington, D. C., Children in Federal Custody: Native American Youth Study, The National Center for Research in Vocational Education (R. E. Taylor), 1 June 1983 through 31 May 1984. (Project 763632 - New)

\$20,000.00 - Brunswick Corporation, Marion, Virginia, Metallic Radome Design and Test, Department of Welding Engineering, ElectroScience Laboratory (B. Munk), 12 April 1983 through 31 December 1983. (Project 763594 - New)

\$14,069.00 - Adria Laboratories, Inc., Columbus, Ohio, Local High-Dose Chemotherapy of Intradermal Breast Carcinoma Using DMSO as a Vehicle for Methotrexate, Adriamycin, 5-Fluorouracil, Cytosan, and Cis-Platinum, Department of Surgery (A. G. James and E. A. Woltering), 1 June 1983 through 31 May 1984. (Project 763629 - New)

\$3,400.00 - International Training and Education Company, Framingham, Massachusetts, Inresident/Fellowship/Training and Assistance for Academic Program for Mr. Jaber Al-Essa, Jubail Human Resources Development Institute, The National Center for Research in Vocational Education (R. E. Taylor), 1 June 1983 through 31 August 1983. (Project 763633 - New)

TOTAL - INDUSTRIAL AWARDS

\$ 731,380.70

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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

\$264,900.00 - World Health Organization, 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 1983 through 30 June 1984. (Project 760113 - Continuation)

\$204,742.00 - Electric Power Research Institute, Palo Alto, California, Corrosion and Corrosion Cracking for Water Cooled Reactor, Department of Metallurgical Engineering (D. D. Macdonald), 23 June 1983 through 31 December 1983. (Project 760982 - Continuation)

\$98,654.00 - Hospital Financial Management Association, Oak Brook, Illinois, The Development of a Financial Analysis Service for the Hospital Industry, College of Medicine - Administration (W. O. Cleverley), 1 July 1983 through 30 June 1984. (Project 761794 - Continuation)

\$59,595.00 - Associated Builders and Contractors, Inc., Washington, D. C., Painter Apprenticeship Curriculum Development for Wheels of Learning Construction Training Program, Academic Faculty of Industrial Technology (D. G. Lux), 1 June 1983 through 30 June 1984. (Project 763689 - Continuation)

\$54,800.00 - Elsa U. Pardee Foundation, Midland, Michigan, Investigations on the Etiopathogenesis of Kaposi Sarcoma Using Pig and Mice Model, Department of Medical Microbiology and Immunology (C. Prakash), 1 June 1983 through 31 May 1984. (Project 763615 - New)

\$50,000.00 - The State Education Department, New York State Occupational Information Coordinating Committee, Albany, New York, Dissemination and Field Test of 'Integrating the Occupational Outlook Handbook into the Curriculum', The National Center for Research in Vocational Education (R. E. Taylor), 1 February 1983 through 31 January 1984. (Project 763622 - Continuation)

\$41,132.00 - American Congress on Surveying and Mapping, Falls Church, Virginia, Continued Operation of the National Committee for Digital Cartographic Data Standards, Department of Geography (H. J. Moellering), 1 April 1983 through 31 March 1984. (Project 763603 - 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)

\$40,644.00 - Ohio Cancer Research Associates, Columbus, Ohio, Pharmacokinetics of Tiazofurin, College of Pharmacy (L. Malspeis) and Cancer Research Center and Department of Medicine (J. A. Neidhart), 1 May 1983 through 30 April 1984. (Project 763623 - New)

\$36,740.00 - American Heart Association, Dallas, Texas, Cardiomyopathy of Z-lines: Rod Body Isolation and Analysis, Department of Veterinary Anatomy (M. Yamaguchi), 1 July 1983 through 30 June 1984. (Project 763675 - New)

\$31,000.00 - Hospital, Institution, and Educational Food Service Society, Hillside, Illinois, The Professional Competence Development of Food Managers, Academic Faculty of Educational Foundations and Research (A. G. D'Costa), 1 July 1983 through 30 June 1984. (Project 763661 - Continuation)

\$28,600.00 - Northern Arizona University, Flagstaff, Arizona, Consortium for the Development of Professional Materials for Vocational Education, The National Center for Research in Vocational Education (R. E. Taylor), 1 January 1983 through 31 December 1983. (Project 763599 - Continuation)

\$25,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, The Role of ATPase in Human Congestive Cardiomyopathy, Department of Medicine (D. V. Unverferth), 1 October 1983 through 30 September 1984. (Project 763684 - New)

\$24,709.00 - Fats & Proteins Research Foundation, Des Plaines, Illinois, Effect of Dietary Fat on Milk and Fat Production with Varying Forage Intake, Department of Dairy Science (OARDC) (D. L. Palmquist), 1 July 1983 through 30 June 1984. (Project 763688 - New)

\$23,650.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Stereopharmacology of Disopyramide, College of Pharmacy (J. J. Lima) and Department of Medicine (S. F. Schaal and H. Boudoulas), 1 October 1983 through 30 September 1984. (Project 763668 - New)

\$23,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Effect of Blood Flow on Arterial Wall Permeability, Department of Surgery (J. F. Cornhill and G. S. Kakos) and Departments of Medicine and Pathology (D. L. Fry), 1 October 1983 through 30 September 1984. (Project 763651 - 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)

\$21,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Effect of Aging and GI Disease on Digoxin Metabolism, College of Pharmacy (R. H. Reuning and L. W. Robertson) and Department of Medicine (J. H. Caldwell and R. L. Donnerberg), 1 October 1983 through 30 September 1984. (Project 763637 - Continuation)

\$20,000.00 - Battelle Memorial Institute, Columbus, Ohio, Interdisciplinary Study of Basic Wear Mechanisms in Metals, Department of Metallurgical Engineering (D. A. Rigney), 15 April 1983 through 30 September 1983. (Project 763066 - Continuation)

\$20,000.00 - Muscular Dystrophy Association, New York, New York, The Role of the Complement System in the Pathogenesis of the Intramuscular Vasculopathy of Dermatomyositis, Department of Neurology (J. R. Mendell and J. T. Kissel), 1 July 1983 through 30 June 1984. (Project 763676 - New)

\$19,000.00 - Research Corporation, New York, New York, Low-Frequency (1/f) Fluctuations in Thin Metal Films, Department of Physics (T. R. Lemberger), 1 June 1983 through 31 May 1984. (Project 763612 - New)

\$18,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Ca Antagonists and Calmodulin Antagonists as Vasodilators, Department of Physiological Chemistry (D. J. Johnson), 1 October 1983 through 30 September 1984. (Project 763653 - New)

\$18,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Ca⁺⁺ Blockers and Regional Blood Flow in Canine Heart Failure, Department of Veterinary Physiology and Pharmacology (R. L. Hamlin and B. W. Keene), 1 October 1983 through 30 September 1984. (Project 763635 - New)

\$18,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Dietary Effects on Quantity of AcCoA Carboxylase in Rat Liver, Department of Food Science and Nutrition (J. B. Allred), 1 October 1983 through 30 September 1984. (Project 763681 - New)

\$18,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Dyspnea as a Function of Apparent Compliance and Resistance, Department of Physiology (A. L. Kunz), 1 October 1983 through 30 September 1984. (Project 763664 - 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)

\$18,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Left Ventricular Energy Balance and Mechanical Efficiency, Department of Physiology (H. P. Pieper), 1 October 1983 through 30 September 1984. (Project 763115 - Continuation)

\$18,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, LV Function Post MI A and B-Blockade QT>QS₂ Risk in Angina, Department of Medicine (H. Boudoulas), 1 October 1983 through 30 September 1984. (Project 763649 - New)

\$18,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Patterns of Isoenzyme Release from Myocardial Cells, Department of Physiological Chemistry (R. A. Altschuld), 1 October 1983 through 30 September 1984. (Project 763655 - New)

\$18,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Quantitation of Calcium in Isolated Myocytes, Department of Veterinary Pathobiology (C. C. Capen) and Department of Physiological Chemistry (R. A. Altschuld), 1 October 1983 through 30 September 1984. (Project 763644 - New)

\$18,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Quantitative Histology of Human Congestive Cardiomyopathy, Department of Pathology (P. B. Baker) and College of Pharmacy and Department of Electrical Engineering (J. M. Jagadeesh), 1 October 1983 through 30 September 1984. (Project 763657 - New)

\$18,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Resting and Exercise Effects of Nifedipine in Cardiac Disease, Department of Medicine (R. D. Magorien), 1 October 1983 through 30 September 1984. (Project 763685 - New)

\$18,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Risks with Antihypertensive and Antiaggregatory Agents, Department of Physiological Chemistry and College of Medicine - Administration (D. G. Cornwell), 1 October 1983 through 30 September 1984. (Project 763652 - New)

\$18,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, The Natural History of the Mitral Valve Prolapse Syndrome, Department of Medicine (A. J. Kolibash), 1 October 1983 through 30 September 1984. (Project 763650 - 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)

\$18,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Ventricular Arrhythmias Assessed by Phase Imaging Methods and Young Investigator, Department of Medicine (T. M. Bashore), 1 July 1983 through 30 June 1984. (Project 763642 - New)

\$18,000.00 - Association of American Universities, Washington, D. C., Personnel Resource Support for the AAU Resources for Language and Area Studies Project, Department of Slavic and East European Languages and Literatures (L. I. Twarog), 1 April 1983 through 15 January 1985. (Project 763624 - New)

\$17,129.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Non-cardiac Determinants of Electrocardiographic Amplitudes, Department of Veterinary Physiology and Pharmacology (R. L. Hamlin), 1 October 1983 through 30 September 1984. (Project 763643 - New)

\$17,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, The Development and Use of Nuclear Phonocardiography in LBBB, Department of Medicine (T. M. Bashore and C. L. Grines), 1 July 1983 through 30 June 1984. (Project 763667 - New)

\$17,000.00 - Research Corporation, New York, New York, Laser-RF Double Resonance of Stored Molecular Ions, Department of Physics (R. D. Knight), 1 June 1983 through 31 May 1984. (Project 763613 - New)

\$16,390.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Regulation of ATP Citrate Lyase Activity, Department of Food Science and Nutrition (K. L. Roehrig), 1 October 1983 through 30 September 1984. (Project 763682 - New)

\$16,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Aortic Smooth Muscle Responses to Avoidance Conditioning, Department of Physiology (J. P. Dujardin) and Department of Veterinary Physiology and Pharmacology (R. Hoskins), 1 October 1983 through 30 September 1984. (Project 763663 - New)

\$15,000.00 - American Chemical Society, The Petroleum Research Fund, Washington, D. C., Laser Spectroscopy of Stored Molecular Ions, Department of Physics (R. D. Knight), 1 June 1983 through 31 August 1985. (Project 763625 - 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)

\$15,000.00 - Foundation for Children with Learning Disabilities, New York, New York, The Educational Consultant Team (ECT): Working with Teachers to Help Adolescents Improve Their Social Behavior, Academic Faculty of Exceptional Children (T. E. Heron), 1 October 1983 through 30 September 1984. (Project 763674 - New)

\$12,350.00 - March of Dimes Birth Defects Foundation, Columbus, Ohio, John W. Galbreath Program in Birth Defects, College of Medicine - Administration (M. Tzagournis) and Department of Obstetrics and Gynecology (J. D. Iams), 1 April 1983 through 31 March 1984. (Project 763526 - Continuation)

\$12,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Cytochrome c Oxidase Structural Affects of Heart Respiration, Department of Physiological Chemistry (J. O. Alben and F. G. Fiamingo), 1 October 1983 through 30 September 1984. (Project 763658 - New)

\$11,968.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, The Role of Antithrombin III in Thrombo-embolic Disease, Department of Pathology (J. T. Brandt), 1 October 1983 through 30 September 1984. (Project 763648 - New)

\$11,935.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Effect of PEEP on Regional Perfusion after Acute Lung Injury, Department of Medicine (P. M. Dorinsky), 1 October 1983 through 30 September 1984. (Project 763654 - New)

\$11,834.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Ca⁺⁺ Blockers and Regional Blood Flow in Canine Heart Failure, Department of Veterinary Physiology and Pharmacology (R. L. Hamlin and B. W. Keene), 1 October 1983 through 30 September 1984. (Project 763634 - New)

\$11,550.00 - American Heart Association, Dallas, Texas, Antiallergic Actions of New Trimetoquinol Analogs, in Vivo, College of Pharmacy (D. R. Feller), 1 July 1983 through 30 June 1984. (Project 763242 - Continuation)

\$11,423.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, The Development and Use of Nuclear Phonocardiography in LBBB, Department of Medicine (T. M. Bashore and C. L. Grines), 1 October 1983 through 30 September 1984. (Project 763666 - New)

September 2, 1983 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)

\$10,184.00 - International Studies Association, Columbia, South Carolina, Assistance in Disseminating Learning Resources on Global Education and Teacher Training, Mershon Center for Education in National Security and Department of Political Science (J. E. Harf), 14 June 1983 through 31 December 1983. (Project 763370 - Continuation)

\$10,000.00 - American Lung Association of Central Ohio, Columbus, Ohio, Morphological-Physiological Correlates of Pulmonary Filtration of Blood in Bacteremic Shock Lung, Department of Anatomy (B. L. Wismar), 1 July 1983 through 30 June 1984. (Project 763662 - New)

\$9,979.00 - Capital University, Columbus, Ohio, Student Personnel in Higher Education, Academic Faculty of Special Services (R. F. Rodgers), 1 August 1983 through 15 May 1984. (Project 763592 - Continuation)

\$9,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Does Pretreatment with ICRF-187 Prevent Doxorubicin Cardiotoxicity?, Department of Medicine (D. V. Unverferth and K. H. Kuppler), 1 July 1983 through 31 December 1983. (Project 763641 - New)

\$9,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Electrophysiologic Effects of the Isomers of Disopyramide, Department of Medicine (S. F. Schaal and G. Kidwell), 1 July 1983 through 31 December 1983. (Project 763639 - New)

\$9,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Origin of the Esophageal Electrogram, Department of Medicine (C. V. Leier and P. F. Binkley), 1 July 1983 through 31 December 1983. (Project 763703 - New)

\$9,000.00 - National Pork Products Council, Des Moines, Iowa, Dietary Calcium and Phosphorus for Lactating Swine at High and Average Production Levels, Department of Animal Science (OARDC) (D. C. Mahan), 1 July 1983 through 30 June 1984. (Project 763616 - New)

\$8,524.28 - Kansas State Corporation Commission, Topeka, Kansas, Workshop on the Fundamentals and Applications of Electric Capacity Planning Models, National Regulatory Research Institute (D. N. Jones and K. A. Kelly), 1 June 1983 through 30 June 1983. (Project 763602 - New)

September 2, 1983 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)

\$8,300.00 - Battelle Memorial Institute, Office of Nuclear Waste Isolation, Columbus, Ohio, Experimental and Analytical Studies of the Thermal Aspects of Deep Geological Disposal of Commercial Nuclear Wastes, Department of Mechanical Engineering (R. N. Christensen), 1 July 1983 through 31 July 1983. (Project 761731 - Continuation)

\$7,975.00 - American Cancer Society, Ohio Division, Columbus, Ohio, Regulation of Histone mRNA Turnover, Department of Biochemistry (L. F. Johnson), 1 July 1983 through 30 June 1984. (Project 763680 - New)

\$6,774.00 - American Cancer Society, Ohio Division, Cleveland, Ohio, Site Directed Misincorporation of 0^{6} -Ethyldeoxyguanosine and Its Role in Mutagenesis and Carcinogenesis, Department of Radiology (S. M. D'Ambrosio and A. A. Wani), 1 July 1983 through 30 June 1984. (Project 763678 - New)

\$6,418.00 - American Cancer Society, Ohio Division, Cleveland, Ohio, Establishment of Primary Human Gastrinoma in Continuous Cell Culture and in Immunodeficient Rodents, Department of Surgery (W. R. Gower, Jr.), 1 July 1983 through 30 June 1984. (Project 763679 - New)

\$6,298.00 - National Fund for Medical Education, Hartford, Connecticut, A Fellowship Program of Creative Learning Opportunities for Medical Students, Department of Family Medicine (L. L. Gabel and J. R. Lubbers), 1 July 1983 through 30 June 1984. (Project 763628 - New)

\$5,616.00 - Denison University, Granville, Ohio, Student Personnel in Higher Education, Academic Faculty of Special Services (R. F. Rodgers), 1 August 1983 through 31 May 1984. (Project 763609 - New)

\$4,890.34 - League for Innovation in the Community College, Dallas, Texas, National Alliance of Postsecondary Education Institutions/Districts, The National Center for Research in Vocational Education (R. E. Taylor), 1 July 1983 through 30 June 1984. (Project 763548 - Continuation)

\$4,600.00 - University of Pittsburgh, Pittsburgh, Pennsylvania, The Treatment of Primary Breast Cancer, Cancer Research Center and Department of Medicine (J. A. Neidhart) and Department of Surgery (W. B. Farrar), 1 December 1982 through 30 June 1983. (Project 763659 - New)

September 2, 1983 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 - Greater Columbus Arts Council, Columbus, Ohio, Hispanic Awareness Week, Office of Student Life (C. A. Breckenridge), 1 September 1983 through 30 June 1984. (Project 763694 - New)

\$1,000.00 - World Health Organization, Geneva, Switzerland, The Biological Control of Vectors of Human Disease, Department of Entomology (J. D. Briggs), 1 July 1983 through 30 June 1984. (Project 762422 - Continuation)

TOTAL - OTHER NON-FEDERAL AWARDS \$ 1,665,303.62

ENGINEERING EXPERIMENT STATION

Industrial and Other Sponsored Research and Development

\$147,510.00 - IBM, Advanced Manufacturing Engineering, Poughkeepsie, N. Y., for "Optimization of Robotic Arc Welding Procedures for Minimization and Control of Distortion in Tubular Frame Structures", Department of Welding Engineering, 13 June 1983 through 12 June 1985. (EES 529634)

\$101,310.00 - International Engineering Corporation, San Francisco, California, "A Study of Radio Frequency from HVDC Converter Stations", Department of Electrical Engineering, 1 June 1983 through 16 March 1984. (EES 529632)

\$8,000.00 - OSU, Office of Physical Facilities, Campus, "Study of Energy Conservation for University Buildings--Program 4244", Department of Mechanical Engineering, 1 June 1983 through 31 July 1983. (EES 529008, Ext. 13)

\$109,542.00 - Thirty development projects under the direction of six engineering departments and research areas.

TOTAL - INDUSTRIAL AND OTHER SPONSORED RESEARCH \$ 366,362.00

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Report - April 1983

Gifts of \$5,000 or More

\$37,565.00 Refractories Education Foundation, Pittsburgh, Pennsylvania, for Refractories Institute Research Fund.

September 2, 1983 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

\$33,150.00	Anna Roessler, Trust under the Will of, Columbus, Ohio, for Samuel J. Roessler Memorial Medical Scholarship Fund.
\$31,797.05	Louis Levy, Columbus, Ohio, for Presidents Club Special Fund.
\$25,000.00	Plaskolite, Inc., Columbus, Ohio, for Plaskolite Fund.
\$21,037.50	Ida Topper, Columbus, Ohio, for Ida Topper Fellowship Fund.
\$20,000.00	FFA Foundation, Inc., Alexandria, Virginia, for FFA Community Development.
\$17,918.22	Systems Associates, Columbus, Ohio, for Cardiology Support Fund.
\$16,500.00	Huntington National Bank, Columbus, Ohio, for Student Athlete Grant-in-Aid Fund.
\$15,000.00	The Pillsbury Co., Minneapolis, Minnesota, for Department of Food Science and Nutrition Support Fund.
\$14,846.00	Eli Lilly & Company, Indianapolis, Indiana--\$14,000.00 for Infectious Disease Research Fund and \$846.00 for Clinical Research Education.
\$14,250.00	Ohio Cancer Research Association, Columbus, Ohio--\$13,350.00 for Hematology and Cancer Research Fund and \$900.00 for Cancer Research Center.
\$11,065.00	Bank One of Columbus, Columbus, Ohio--\$5,000.00 for Jesse Owens Track and Field Classic Fund; \$4,500.00 for Student Athlete Grant-in-Aid Fund; and \$1,565.00 for WOSU Support Fund.
\$ 9,832.82	Carl M. and Grace C. Baldwin, Columbus, Ohio, for Eye Care Fund.
\$ 8,000.00	Michigan State University, East Lansing, Michigan, for Nursery Research Fund.

September 2, 1983 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

\$ 7,750.00	B. F. Goodrich Co., Akron, Ohio--\$7,500.00 for The Goodrich Fund; \$100.00 for J. H. Koffolt Award; \$100.00 for undesignated purposes; and \$50.00 for College of Engineering Special Fund.
\$ 7,500.00	Ross Labs, Columbus, Ohio, for Tumor Immunology Programs.
\$ 7,350.00	Hanna Chemical Coating, Columbus, Ohio--\$7,000.00 for Student Athlete Grant-in-Aid Fund and \$350.00 for Friends of WOSU.
\$ 7,000.00	Beasley Industries, Inc., Columbus, Ohio, for Student Athlete Grant-in-Aid Fund.
\$ 7,000.00	Stokely-Van Camp, Inc., Columbus, Ohio, for Student Athlete Grant-in-Aid Fund.
\$ 6,000.00	Chevron, USA, Inc., San Francisco, California--\$5,000.00 for Chevron Graduate Field Study and \$1,000.00 for Department of Geology Special Fund.
\$ 6,000.00	University Renal Group, Columbus, Ohio, for Renal Disease Research Fund.
\$ 5,750.00	Central Ohio Technical College, Newark, Ohio, for Mary Miller/Newark Campus Scholarship Fund.
\$ 5,600.00	Americare Corp., Columbus, Ohio, for Student Athlete Grant-in-Aid.
\$ 5,487.36	Melvin E. Moffitt, San Antonio, Texas, for Melvin E. Moffitt Memorial Fund.
\$ 5,465.00	Standard Oil Company, Cleveland, Ohio--\$4,000.00 for Thomas F. Patton Fund; \$1,035.00 for Alec Parsons Scholarship; and \$430.00 for College of Engineering Special Fund.
\$ 5,000.00	Northrop Corp., Los Angeles, California, for Department of Aeronautical and Astronautical Engineering Support Fund.
\$ 5,000.00	Phi Upsilon Omicron, Columbus, Ohio, for Shanely Fellowship.

September 2, 1983 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

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|-------------|--|
| \$ 5,000.00 | Ponderosa, Inc., Dayton, Ohio--\$2,500.00 for College of Law Advancement Fund and \$2,500.00 for Ohio 4-H Foundation Support Fund. |
| \$ 5,000.00 | Synthes, AG, Switzerland, for The Hans Wil-
lenegger Residency in Veterinary Surgery. |
| \$ 5,000.00 | Pauline Wittwer, Columbus, Ohio, for Friends of
WOSU. |

Establishment of Named Funds

Wilkins-Lloyd Legal Scholarship Fund

The Wilkins-Lloyd Legal Scholarship Fund 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 the estate of Ruth Lloyd Wilkins, J.D., 1929, 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 from this fund is to be used to provide scholarship assistance to needy students enrolled in the College of Law at The Ohio State University and who are natural born citizens of the United States. The scholarship recipients must be of good character and maintain a high academic record. Selection of the award recipients will be made by the College of Law Admissions and Financial Aid Committee.

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 purposes 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 education in the field of law.

September 2, 1983 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Tackett Memorial Endowment Fund

The Tackett Memorial Endowment Fund 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 the estate of Ada E. Tackett, Columbus, Ohio, in memory of Boyd D. and Ada E. Tackett.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income from this fund is to be used to provide scholarship assistance to one or more students enrolled in the College of Engineering, to be limited to tuition scholarships and based upon both financial need and aptitude for engineering study. The scholarship(s) is to be awarded to undergraduate students with recipients selected by the Dean of the College of Engineering in cooperation with the Director of Student Financial Aids.

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 purposes 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 engineering education.

Lloyd-Wilkins Dental Scholarship Fund

The Lloyd-Wilkins Dental Scholarship Fund 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 the estate of Ruth Lloyd Wilkins, Columbus, Ohio, in memory of her father, Daniel J. Lloyd, D.D.S.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income from this fund is to be used to provide scholarship assistance to needy students enrolled in the College of Dentistry at The Ohio State University and who are natural born citizens of the United States. The scholarship recipients must be of good character and maintain a high academic record. Selection of the award recipients will be made by the University Scholarship Committee in consultation with the Dean of the College of Dentistry.

September 2, 1983 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Lloyd-Wilkins Dental Scholarship Fund (contd)

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 purposes 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 dental education.

Francis W. Davis Fellowship for
the Department of 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 from Agnes Turner Davis, B.Sc., 1930.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used for a graduate fellowship in the Department of Photography and 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.

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 the Department of Photography and Cinema; recommended by the Graduate Committee of the Department, and approved by the Chairperson of the Department and the Dean of the College.

Should the need for these funds 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 photography and cinema studies.

September 2, 1983 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 Benny Klein Memorial Fund
in the College of Medicine

The Benny Klein Memorial Fund in the College of Medicine 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 by friends and relatives in memory of Mr. Benny Klein, 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 is to be used to support cancer research programs in the College of Medicine as determined by the Dean of the College of Medicine.

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 then directly responsible for cancer research at the College of Medicine.

The Joseph E. Zupancic Scholarship Fund

The Joseph E. Zupancic 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 Mrs. Joseph Zupancic and members of the family and friends in memory of Joseph E. Zupancic, M.A., Education, 1955, 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 from this fund will be used to provide one or more scholarships to undergraduate students from Ohio who intend to major in Industrial Technology Education. Preference shall be given to those students who have demonstrated need and scholarship ability. Selection of the recipients will be made by the Program Coordinator, in consultation with Mrs. Zupancic, with the funds requisitioned by the Dean of the College of Education.

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 purposes 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 industrial education.

September 2, 1983 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Report - July 1983

Federal Research Contracts/Grants

\$1,936,391.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, OSU Comprehensive Cancer Center Support (Core) Grant - Administration, Cancer Research Center (D. S. Yohn), 1 July 1983 through 30 June 1984. (Project 763976 - Continuation)

\$170,840.00 - National Science Foundation, Washington, D. C., Soil Hydrology and Nutrient Dynamics in Tussock Tundra, Institute of Polar Studies and Department of Agronomy (K. R. Everett), 29 June 1983 through 30 June 1984. (Project 763207 - Continuation)

\$162,676.00 - Department of Health and Human Services, Office of Human Development Services, Administration on Developmental Disabilities, Chicago, Illinois, UAF Administration and Operation, Nisonger Center for Mental Retardation (M. J. Guralnick), 30 June 1983 through 29 June 1984. (Project 763712 - Continuation)

\$138,136.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Stereochemistry of Enzyme Reactions, Department of Chemistry (H. G. Floss), 1 September 1983 through 31 August 1984. (Project 763422 - Continuation)

\$135,437.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Synthetic Elaboration of Polyquinane Natural Products, Department of Chemistry (L. A. Paquette), 1 July 1983 through 30 June 1984. (Project 762298 - Continuation)

\$134,627.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Mechanism of Organelle Transmission Genetics, Department of Genetics (C. W. Birky, Jr. and P. S. Perlman), 1 August 1983 through 31 July 1984. (Project 760122 - Continuation)

\$126,885.00 - Department of Education, Office of Special Education and Rehabilitation Services, Office of Special Education, Washington, D. C., The Development of a Curriculum for Pediatric Residents in Handicapping Conditions (New Outreach), Nisonger Center for Mental Retardation (M. J. Guralnick), 1 July 1983 through 30 June 1984. (Project 763719 - New)

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$113,789.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Glycerophospholipid Metabolism in the Brain, Department of Physiological Chemistry (L. A. Horrocks and K. E. Richardson), 1 August 1983 through 31 July 1984. (Project 760039 - Continuation)

\$107,300.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Biosynthesis of Ergot Alkaloids, Department of Chemistry (H. G. Floss), 1 September 1983 through 31 August 1984. (Project 763419 - Continuation)

\$106,400.00 - National Science Foundation, Washington, D. C., Hot Corrosion of Metals and Alloys by Fused Salts, Department of Metallurgical Engineering (R. A. Rapp), 1 August 1983 through 31 July 1984. (Project 763189 - Continuation)

\$100,000.00 - Department of the Air Force, Air Force Systems Command, Office of Scientific Research, Bolling Air Force Base, D. C., A LISP Machine Facility for Expert System Research, Department of Computer and Information Science (B. Chandrasekaran), 1 August 1983 through 31 July 1984. (Project 763725 - New)

\$100,000.00 - Department of the Air Force, Air Force Systems Command, Office of Scientific Research, Bolling Air Force Base, D. C., Distributed Knowledge Base Systems for Diagnosis and Information Retrieval, Department of Computer and Information Science (B. Chandrasekaran), 30 June 1983 through 29 June 1984. (Project 763180 - Continuation)

\$87,322.00 - National Science Foundation, Washington, D. C., Guest Layering Distributed Processing Support on Local Operating Systems, Department of Computer and Information Science (S. A. Mamrak), 1 October 1983 through 30 September 1984. (Project 763732 - New)

\$87,000.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Request for Purchase of Instrumentation to the Department of Defense for Purchase of a Duffer's Gleeble 1500 System, Department of Welding Engineering (W. A. Baeslack, III), 1 July 1983 through 30 June 1984. (Project 763714 - New)

September 2, 1983 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$85,217.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, FeLV Leukemogenesis and Preneoplastic Lesions, Department of Veterinary Pathobiology (R. G. Olsen), 1 July 1983 through 30 June 1984. (Project 762826 - Continuation)

\$81,017.00 - International Development Cooperation Agency, Agency for International Development, Washington, D. C., Matching Formula Title XII University Strengthening Grant, International Programs in Agriculture (D. O. Hansen), 1 September 1983 through 30 June 1984. (Project 761863 - Continuation)

\$76,997.00 - National Science Foundation, Washington, D. C., Modelling, Control and Simulation of Human Movement, Department of Electrical Engineering (H. Hemami), 1 July 1983 through 30 June 1984. (Project 763112 - Continuation)

\$76,088.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Effects of Antimitotic Drugs on CNS Regeneration, Department of Anatomy (R. W. Burry), 1 July 1983 through 30 June 1984. (Project 763707 - New)

\$76,046.00 - Department of Health and Human Services, Public Health Service, Health Resources and Services Administration, Bureau of Health Professions, Division of Nursing, Hyattsville, Maryland, Professional Nurse Traineeship Program, College of Nursing (G. M. Sills), 1 July 1983 through 30 June 1984. (Project 760803 - Continuation)

\$75,582.00 - National Science Foundation, Washington, D. C., Knowledge Organization and Problem Solving for Diagnostic Reasoning, Department of Computer and Information Science (B. Chandrasekaran) and Department of Pathology (J. W. Smith, Jr.), 1 July 1983 through 30 June 1984. (Project 763708 - Continuation)

\$75,000.00 - Department of the Army, Headquarters U. S. Army Communications-Electronics Command and Fort Monmouth, Fort Monmouth, New Jersey, Computer Communication Protocols for Advanced Communication Systems, Department of Computer and Information Science (M. T. Liu), 1 June 1983 through 31 May 1984. (Project 763631 - Continuation)

September 2, 1983 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$69,107.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Heart, Lung, and Blood Institute, Bethesda, Maryland, Human Thrombin: Binding and Recognition Sites, Department of Chemistry (L. J. Berliner), 1 July 1983 through 30 June 1984. (Project 761742 - Continuation)

\$67,928.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Graduate Training in Biochemical Neuropathology, Department of Physiological Chemistry (L. A. Horrocks), 1 July 1983 through 30 June 1984. (Project 760708 - Continuation)

\$65,000.00 - National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, Research on Analysis of Large Aperture Reflector Antennas, Department of Electrical Engineering, ElectroScience Laboratory (R. C. Rudduck), 1 July 1983 through 1 April 1984. (Project 763724 - New)

\$63,755.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Inhibition of Macrophage Tumor Cell Cytotoxicity, Department of Medicine (M. S. O'Dorisio), 1 July 1983 through 30 June 1984. (Project 762898 - Continuation)

\$50,547.00 - Department of Agriculture, Science and Education Administration, Cooperative State Research Service, Arlington, Virginia, Epizootiology and Pathogenesis of an Alcaligenes faecalis Variant in Turkeys and the Role of Pili in Development of Alcaligenes rhiotracheitis, Food Animal Health Research Program -OARDC (Y. M. Saif), 15 August 1983 through 31 August 1985. (Project 763715 - New)

\$50,000.00 - National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, Analysis of Airborne Antenna Patterns, Department of Electrical Engineering, ElectroScience Laboratory (W. D. Burnside), 1 September 1983 through 30 June 1984. (Project 761012 - Continuation)

\$38,000.00 - National Science Foundation, Washington, D. C., Measurement of the Exchange-Scattering Rate of Conduction Electrons in Superconducting Spin Glasses, Department of Physics (T. R. Lemberger), 1 July 1983 through 31 January 1984. (Project 763737 - New)

September 2, 1983 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$16,950.00 - National Science Foundation, Washington, D. C., Graph Minors and Embedding Structures, Department of Mathematics (P. Seymour), 1 July 1983 through 30 June 1984. (Project 763716 - Continuation)

\$10,000.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, SETI Research, Department of Electrical Engineering (J. D. Kraus), 1 July 1983 through 31 December 1983. (Project 760413 - Continuation)

\$6,447.00 - Department of Transportation, National Highway Traffic Safety Administration, Vehicle Research and Test Center, East Liberty, Ohio, Improvement of the Mechanical Performance of the Thorax of the Hybrid III Dummy, Department of Mechanical Engineering (D. A. Guenther), 1 July 1983 through 30 September 1983. (Project 763710 - New)

\$5,000.00 - National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland, Ultraviolet Observations of Bright λ Bootis Stars, Department of Astronomy (A. E. Slettebak), 1 September 1983 through 29 February 1984. (Project 762142 - Continuation)

TOTAL - FEDERAL AWARDS

\$4,495,484.00

State of Ohio Research Contracts/Grants

\$27,381.00 - State of Ohio, Bureau of Employment Services, Columbus, Ohio, Dislocated Worker Program, College of Administrative Science, Continuing Education (D. B. Patton), 15 June 1983 through 30 September 1983. (Project 763706 - New)

\$9,000.00 - State of Ohio, Environmental Protection Agency, Columbus, Ohio, Demonstration of Soil Conservation for Improved Water Quality at Farm Science Review, Cooperative Extension State Operations (D. J. Eckert), 1 May 1983 through 31 December 1983. (Project 763727 - New)

\$8,495.00 - Ohio Arts Council, Columbus, Ohio, Festival of Cartoon Art, University Libraries (L. S. Caswell), 30 June 1983 through 31 December 1983. (Project 763730 - New)

September 2, 1983 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)

\$4,886.00 - State of Ohio, Department of Mental Health, Columbus, Ohio, Stress and Control in a Geriatric Population: Implications for Mental and Physical Health, Department of Psychiatry (J. K. Kiecolt-Glaser) and Department of Medical Microbiology and Immunology (M. R. Glaser), 1 July 1983 through 31 March 1984. (Project 763516 - Continuation)

\$2,875.00 - Ohio Arts Council, Ohio Humanities Council, Columbus, Ohio, TV Public Service Announcement, "Creative People Make a Difference", Architecture Administration - City and Regional Planning (L. C. Gerckens), 1 July 1983 through 30 June 1984. (Project 763726 - New)

\$1,365.00 - State of Ohio, Department of Mental Health, Columbus, Ohio, Desipramine Plasma Levels and Clinical Response in Outpatients with Primary Depression, Department of Psychiatry (S. L. Stern), 1 July 1983 through 31 August 1983. (Project 763295 - Continuation)

\$750.00 - Ohio Humanities Council, Columbus, Ohio, Black Women: Achievement against the Odds, Office of Black Student Programs (T. Sullivan-Love), 1 August 1983 through 31 December 1983. (Project 763728 - New)

TOTAL - STATE OF OHIO AWARDS \$ 54,752.00

Industrial Research Contracts/Grants

\$133,083.96 - Abbott Laboratories, North Chicago, Illinois, Terazosin (Abbott-45975) in Congestive Heart Failure, Department of Medicine (C. V. Leier), 1 June 1983 through 30 November 1984. (Project 763723 - New)

\$102,936.00 - The Procter and Gamble Company, Cincinnati, Ohio, Always Clinical Investigation in Adolescents, Department of Obstetrics and Gynecology (R. C. Bump), 1 July 1983 through 30 June 1984. (Project 763735 - New)

\$52,636.00 - Pfizer, Inc., Groton, Connecticut, Research in Infectious Diseases, Department of Medicine (R. L. Perkins, R. J. Fass, J. L. Plouffe and M. F. Para), 1 February 1983 through 31 January 1984. (Project 763181 - Continuation)

September 2, 1983 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial Research Contracts/Grants (contd)

\$33,502.00 - DNA Clinical Research Corporation, Inc., Columbus, Ohio, Strand Break Repair of DNA in Human Peripheral Lymphocytes, Department of Radiology (R. E. Stephens), 1 July 1983 through 30 September 1983. (Project 762992 - Continuation)

\$7,192.00 - Allied Corporation, Morristown, New Jersey, Rhizobium-Coinoculant Soybean Phytophthora Study, Department of Plant Pathology - OARDC (A. F. Schmitthenner), 1 May 1983 through 31 December 1983. (Project 763729 - New)

\$5,000.00 - Merck & Company, Inc., West Point, Pennsylvania, Research in Infectious Diseases, Department of Medicine (R. L. Perkins, R. J. Fass, J. L. Plouffe and M. F. Para), 1 June 1983 through 31 December 1983. (Project 763181 - Continuation)

\$1,000.00 - John Wiley & Sons, Inc., New York, New York, Technical Assistance for John Wiley & Sons, Inc., The National Center for Research in Vocational Education (R. E. Taylor), 1 July 1983 through 31 August 1983. (Project 768045 - New)

TOTAL - INDUSTRIAL AWARDS

\$ 335,349.96

Other Non-Federal Research Contracts/Grants

\$165,670.00 - Insulation Industry's National Apprenticeship and Training Fund, Development of Additional Minicourses for the Insulation Industry's National Apprenticeship and Training Fund, The National Center for Research in Vocational Education (R. E. Taylor), 1 July 1983 through 31 October 1984. (Project 763704 - Continuation)

\$96,326.00 - Franklin County Board of Mental Retardation and Developmental Disabilities, Columbus, Ohio, Early Childhood Classes, Nisonger Center for Mental Retardation (M. J. Guralnick), 1 September 1983 through 30 September 1984. (Project 763722 - Continuation)

\$59,010.00 - Muscular Dystrophy Association, New York, New York, Clinical Investigation of Duchenne Dystrophy, Department of Neurology (J. R. Mendell), 1 July 1983 through 30 June 1984. (Project 761360 - Continuation)

\$47,992.00 - Franklin County Board of Mental Retardation and Developmental Disabilities, Columbus, Ohio, Exemplary Dental Services for the Handicapped, Nisonger Center for Mental Retardation (E. S. Sterling), 1 July 1983 through 30 June 1984. (Project 763721 - Continuation)

September 2, 1983 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)

\$30,000.00 - American Cancer Society, Inc., New York, New York, American Cancer Society Institutional Research Grant, Cancer Research Center (D. S. Yohn), 1 July 1983 through 30 June 1984. (Project 764472 - Continuation)

\$26,984.00 - University of Rhode Island, Kingston, Rhode Island, Biosynthesis of Marine Natural Products, Department of Chemistry (H. G. Floss), 1 July 1983 through 30 June 1984. (Project 763351 - Continuation)

\$25,000.00 - Columbus Area International Programs, Columbus, Ohio, International Student Training Program, School of Health, Physical Education, and Recreation (C. L. Mand), 1 May 1983 through 30 April 1984. (Project 763709 - New)

\$21,120.00 - American Academy of Physician Assistants, Arlington, Virginia, Physician Self-Assessment Program, Department of Education Theory and Practice (A. G. D'Costa), 1 July 1983 through 30 June 1984. (Project 763718 - Continuation)

\$17,000.00 - Center for Public Education, Columbus, Ohio, Methodology Development for the Center for Public Education "Planning Study for the 80's", Department of Communication (D. M. Ronchi), 1 April 1983 through 31 March 1984. (Project 763333 - Continuation)

\$12,595.00 - Insulation Industry's National Apprenticeship and Training Fund, Washington, D. C., Conduct Instructor Training Workshop, The National Center for Research in Vocational Education (R. E. Taylor), 1 May 1983 through 30 November 1983. (Project 763705 - Continuation)

\$10,000.00 - American Lung Association of Ohio, Columbus, Ohio, Adherence of Nosocomial Pathogens to Ciliated Epithelium, Department of Microbiology (N. R. Baker), 1 July 1983 through 30 June 1984. (Project 763713 - New)

\$5,503.00 - Ohio Dominican College, Columbus, Ohio, Student Personnel in Higher Education, Academic Faculty of Special Services (R. F. Rodgers), 15 August 1983 through 31 May 1984. (Project 763580 - Continuation)

September 2, 1983 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)

\$4,996.00 - American Lung Association, Columbus, Ohio, Morphological-Physiological Correlates of Pulmonary Filtration of Blood in Bacteremic Shock Lung, Department of Anatomy (B. Wismar), 1 July 1983 through 30 June 1984. (Project 763662 - Continuation)

TOTAL- OTHER NON-FEDERAL AWARDS \$ 522,196.00

ENGINEERING EXPERIMENT STATION

Industrial and Other Sponsored Research and Development

\$98,463.00 - from 19 sponsors for 20 development projects under the direction of seven engineering departments.

OHIO AGRICULTURAL RESEARCH AND DEVELOPMENT CENTER

Federal Contracts/Grants

\$49,300.00 - U. S. Department of Agriculture, Agricultural Research Service, Peoria, Illinois, for study of application of cell, tissue, and organ culture for plant germplasm improvement, Department of Horticulture, through July 9, 1984. (Cooperative Agreement No. 58-519B-3-1227)

\$40,000.00 - U. S. Department of Agriculture, Agricultural Research Service, Peoria, Illinois, for study of evaluation and improvement of small fruits, Department of Horticulture, through December 31, 1999. (Contract No. 58-519B-3-1221)

TOTAL - FEDERAL CONTRACTS/GRANTS \$ 89,300.00

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Report - May 1983

Gifts of \$5,000 or More

\$47,192.00 Ohio Seed Improvement, Dublin, Ohio--\$23,596.00 for Wheat Development Fund and \$23,596.00 for Soy Bean Research.

\$37,800.00 Borden Inc., Columbus, Ohio, for Student Athlete Grant-in-Aid Fund.

September 2, 1983 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

\$36,061.93	Systems Associates, Columbus, Ohio, for Cardiology Support Fund.
\$29,922.00	Janssen Pharmaceutical, New Brunswick, New Jersey--\$17,997.00 for Anesthesia Research and Education Enhancement Fund and \$11,925.00 for Gastrointestinal Cancer Research Fund.
\$17,849.50	Battelle Memorial Institute, Columbus, Ohio--\$16,609.50 for The Steven E. Weisbrode Toxicologic Pathology Project and \$1,240.00 for College of Engineering Campaign.
\$17,565.49	University Eye Surgeons, Columbus, Ohio--\$17,500.49 for Eye Bank Fund and \$65.00 for Ophthalmology Photography Fund.
\$16,250.00	Procter and Gamble, Cincinnati, Ohio--\$8,000.00 for Procter and Gamble Fellowship Fund in Biological Sciences; \$8,000.00 for Procter and Gamble Company Fellowship in Chemistry; and \$250.00 for Eldis O. Reed--S.W.E. Memorial Scholarship.
\$14,030.00	Martha Staub, Columbus, Ohio, for Martha G. and Milton Staub Chair for Research in Ophthalmology.
\$14,000.00	Rohm and Haas Co., Philadelphia, Pennsylvania--\$7,000.00 for 1983 Rohm & Haas Summer Faculty Fellowship and \$7,000.00 for Rohm-Haas Chemistry.
\$11,200.00	Midland Ross Corp., Urbana, Ohio, for Student Athlete Grant-in-Aid Fund.
\$11,000.00	Summer & Company, Columbus, Ohio, for Student Athlete Grant-in-Aid Fund.
\$10,460.00	E. I. DuPont, Inc., Wilmington, Delaware, for John A. Lott Research Fund.
\$10,000.00	Bob Evans Farms, Inc., Columbus, Ohio, for Carl E. Haas Chair in Food Industries.

September 2, 1983 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

\$ 9,800.00	Construction Equipment Group, Worthington, Ohio, for Student Athlete Grant-in-Aid Fund.
\$ 9,000.00	Central Ohio Center for Economic Education, Columbus, Ohio, for Center for Economic Education.
\$ 8,663.00	Nationwide Insurance, Columbus, Ohio--\$7,663.00 for WOSU Support Fund and \$1,000.00 for College of Engineering Campaign.
\$ 8,000.00	George F. Lonz Foundation, Middle Bass, Ohio, for George F. Lonz Foundation Fund for Enology and Viticulture.
\$ 8,000.00	Ohio Turfgrass Foundation, Columbus, Ohio, for Turfgrass Research Fund.
\$ 7,500.00	Smith Kline Corp., Philadelphia, Pennsylvania--\$5,000.00 for Veterinary Pathobiology Research and Development Fund and \$2,500.00 for Smith Kline Corporation Fellowship Fund in Veterinary Physiology and Pharmacy.
\$ 7,200.00	AMOCO Foundation, Inc., Chicago, Illinois--\$2,600.00 for Department of Chemical Engineering Support; \$1,500.00 for Julie Anne Klein Award in Food Science and Nutrition; \$1,000.00 for Hillander Endowment Fund; \$700.00 for Student Athlete Grant-in-Aid Fund; \$550.00 for College of Mathematical & Physical Science Dean's Emergency Fund; \$300.00 for Mars G. Fontana Fund; \$200.00 for Accounting Department Chairman's Discretionary Fund; \$200.00 for College of Engineering Special Fund; \$100.00 for College of Dentistry--Special Fund; and \$50.00 for College of Education Dean's Discretionary Fund.
\$ 5,625.00	American Lung Association of Central Ohio, Columbus, Ohio, for Pulmonary General Fund.
\$ 5,200.00	Ross Labs, Columbus, Ohio--\$5,000.00 for Carl E. Haas Chair in Food Industries and \$200.00 for Edward L. Fox Memorial.

September 2, 1983 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

\$ 5,117.50	ARMCO Foundation, Middletown, Ohio--\$3,617.50 for College of Engineering Special Fund; \$700.00 for Martha Nelson Lewis Fund; \$400.00 for Clarence E. Jackson Scholarship Fund; \$200.00 for Mars G. Fontana Endowment Fund; \$100.00 for City and Regional Planning Fund; \$50.00 for Dr. Bouroncle's Blood Research Fund; and \$50.00 for Friends of the Library.
\$ 5,000.00	Ashland Chemical Co., Columbus, Ohio, for Student Grant-in-Aid Fund.
\$ 5,000.00	Dental Alumni, Worthington, Ohio, for Dental Alumni Loan Fund.
\$ 5,000.00	Duriron Company, Inc., Dayton, Ohio, for Duriron Professorship in Metallurgical Engineering.
\$ 5,000.00	Edgar W. Ingram Foundation, Columbus, Ohio, for WOSU Support Fund.
\$ 5,000.00	Neuromuscular Disease, Columbus, Ohio, for Clinical & Experimental Neuromuscular Disease Fund.
\$ 5,000.00	University Renal Group, Columbus, Ohio, for Renal Disease Research Fund.

Report - June 1983

\$ 39,971.82	Louise Scott, Columbus, Ohio--\$29,993.99 for William Craig Orr and Mary Black Orr Scholarships in Medicine and \$9,977.83 for William Craig Orr and Mary Black Orr Scholarship in Pharmacy.
\$ 24,956.70	American Medical Association Education and Research Foundation, Chicago, Illinois--\$12,478.35 for Faculty Seminar--Medicine Development Fund and \$12,478.35 for College of Medicine Progress Fund.
\$ 23,400.00	Trustees of Lingnan University, New York, New York, for The Ohio State University Campaign for China Exchange.

September 2, 1983 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

\$ 20,062.50	Harold A. James, Toledo, Ohio, for Harold A. James Fund.
\$ 20,000.00	Charles Carroll, Akron, Ohio--\$10,000.00 for Special Gifts and \$10,000.00 for Development Fund and Discretionary Fund.
\$ 18,639.00	Helen Crane, Columbus, Ohio, for The Evan J. Crane Memorial Scholarship Fund.
\$ 18,458.98	W. H. Havener, M.D., Inc., Columbus, Ohio, for Ophthalmology Teaching Fund.
\$ 17,568.41	University Eye Surgeons, Columbus, Ohio, for Eye Bank Fund.
\$ 17,500.00	Taft Broadcasting, Cincinnati, Ohio, for Department of Athletics Discretionary Fund.
\$ 14,887.50	Wayne English, Washington, D. C., for Wendell W. Ellenwood Scholarship Fund.
\$ 13,334.00	Ohio Cancer Research Association, Columbus, Ohio--\$6,075.00 for Hematology and Cancer Research Fund; \$3,984.00 for Cancer Research Center; \$2,000.00 for Division of Hematology and Oncology Research Fund; and \$1,275.00 for Cancer--Leukemia Research Fund.
\$ 11,900.00	Nationwise Inc., Columbus, Ohio, for Student Athlete Grant-in-Aid Fund.
\$ 11,700.00	Atlantic Richfield Co., Los Angeles, California--\$8,000.00 for ARCO Graduate Fellowship Fund and \$3,700.00 for ARCO Masters Thesis Fund.
\$ 10,539.98	OSU Women's Club, Columbus, Ohio--\$6,539.98 for OSU Women's Club Scholarship Fund and \$4,000.00 for University Women's Club Emergency Loan Fund.
\$ 10,000.00	John McDonald, Columbus, Ohio, for Anesthesia Research & Education Enhancement Fund.

September 2, 1983 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

\$ 10,000.00	Floyd Mellor, Killbuck, Ohio, for Gene Transfer Lab Support Fund.
\$ 10,000.00	Michael's Finer Meats and Seafoods, Columbus, Ohio, for Student Athlete Grant-in-Aid Fund.
\$ 10,000.00	Ohio Dairy Farm Foundation, Columbus, Ohio, for Ohio Dairy Farmers Management.
\$ 10,000.00	Ohio Veterinary Medical Association, Inc., Columbus, Ohio, for Vet-Medicine Services.
\$ 10,000.00	Standard Oil of Indiana, Chicago, Illinois, for Fluidization Engineering Project.
\$ 10,000.00	The Upjohn Co., Kalamazoo, Michigan, for Lipid Research.
\$ 10,000.00	Mary Wright, Cincinnati, Ohio, for Mary S. Wright Scholarship Fund.
\$ 9,150.00	Glaxo Inc., Fort Lauderdale, Florida, for Gastro-intestinal Cancer Research Fund.
\$ 8,055.00	Ernst & Whinney Foundation, Cleveland, Ohio--\$7,555.00 for Ernst & Whinney Accounting Grant and \$500.00 for Graduate Program in Hospital & Health Services Administration.
\$ 7,500.00	SCOA Foundation, Columbus, Ohio, for Student Athlete Grant-in-Aid Fund.
\$ 7,000.00	Financial Credit Life Insurance, Columbus, Ohio--\$3,500.00 for Student Athlete Grant-in-Aid Fund and \$3,500.00 for Ophthalmology Teaching Fund.
\$ 7,000.00	Marion Area College Foundation, Marion, Ohio, for Marion Campus Scholarship Fund.
\$ 6,700.00	Rush-Presbyterian St. Luke Medical Center, Chicago, Illinois, for Renal Research and Development Fund.

September 2, 1983 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

\$ 6,680.00	Shell Development, Portland, Oregon, for Agronomy Weed Research.
\$ 6,300.00	AccuRay Corp., Columbus, Ohio, for Student Athlete Grant-in-Aid Fund.
\$ 6,000.00	Borg-Warner Corp., Chicago, Illinois, for Gear Dynamics and Gear Noise Research Laboratory Fund.
\$ 6,000.00	Gleason Memorial Fund, Inc., Rochester, New York, for Gear Dynamics and Gear Noise Research Laboratory Fund.
\$ 5,550.00	University Renal Group, Columbus, Ohio--\$5,000.00 for Renal Disease Research Fund and \$550.00 for University Renal Group Research Fund.
\$ 5,300.00	Ohio Farm Bureau, Columbus, Ohio--\$4,100.00 for Farm Bureau Scholarship Program and \$1,200.00 for Ohio Farm Bureau Federal Agriculture Education Scholarship.
\$ 5,103.71	Josef Knull, Columbus, Ohio, for Dorothy J. and Josef N. Knull Fund.
\$ 5,000.00	Anonymous Gifts, for Special Gifts.
\$ 5,000.00	Battelle Memorial Institute, Columbus, Ohio, for Fracture Mechanics & Material Evaluation Program in the College of Engineering.
\$ 5,000.00	Baxter Travenol Labs, Inc., Deerfield, Illinois, for Visconti--Travenol Fund.
\$ 5,000.00	Big Bear Stores Co., Columbus, Ohio, for Jesse Owen's Track and Field Classic Fund.
\$ 5,000.00	Central Ohio Center for Economic Education, Columbus, Ohio, for Center for Economic Education.

September 2, 1983 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

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|-------------|---|
| \$ 5,000.00 | Hoffmann-LaRoche, Nutley, New Jersey, for Electropharmacology Research. |
| \$ 5,000.00 | Edgar W. Ingram Foundation, Columbus, Ohio, for Edgar W. Ingram Minority Assistance Fund. |
| \$ 5,000.00 | Mid-Ohio Chemical Co., Inc., Washington Court House, Ohio--\$4,300.00 for Plant Protection Endowment Fund (Professorship) and \$700.00 for Student Athlete Grant-in-Aid Fund. |
| \$ 5,000.00 | Dick Nisbet, Middletown, Ohio, for Humanities Support Fund. |
| \$ 5,000.00 | Donald Power, Galloway, Ohio, for Tzagournis Research Fund. |

Establishment of Named Funds

The Adam and Clara Maurer Scholarship Fund

The Adam and Clara Maurer Scholarship Fund was established September 2, 1983, by the Board of Trustees of The Ohio State University with a gift from Alan C. Trottman, B.S.Ed. '53, M.A. '59, to The Ohio State University Development 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 is to provide one or more scholarships for a full-time undergraduate student(s) enrolled in the College of Education of The Ohio State University with major study in Physical Education and/or Fine Arts.

The selection of the recipient shall be made by the University Committee on Student Financial Aids in cooperation with the Dean of the College of Education.

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 consideration for the recommendations from the University Committee on Student Financial Aids.

September 2, 1983 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Duane C. Brown Fund

The Duane C. Brown 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 Duane C. Brown, Indialantic, 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 fund is established to promote and stimulate scientific activity in photogrammetry. The income is to be awarded annually on the Eve of Thanksgiving Day, with diploma or certificate, to the person who has most successfully forwarded the cause of photogrammetry and strengthened the reputation of the Department of Geodetic Science and Surveying in the field of photogrammetry. At the same time, a student award may be made to a talented, enthusiastic and devoted student, teaching associate or research associate who has had particular interest in photogrammetry at the University or, in lieu of the awards, the committee may present a certificate, medallion or other tangible evidence. The selection committee for the awards will include the Chairman of the Department of Geodetic Science and Surveying and others as selected from time to time by the Chairman in consultation with the Dean of the College of Mathematical and Physical Sciences.

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 purposes 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 education or research in photogrammetry.

Dorothy Sumption Wirthwein-
Women's Physical Education Fund.

The Dorothy Sumption Wirthwein-Women's Physical Education Fund was established September 2, 1983, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University through The Ohio State University Development Fund from alumnae, students and colleagues in memory of Dorothy Sumption Wirthwein, 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.

September 2, 1983 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Dorothy Sumption Wirthwein-
Women's Physical Education Fund (contd)

The income from this fund is to be used to provide an annual graduate fellowship to either the Graduate School or one of the professional colleges of The Ohio State University to a woman member of one of the athletic department intercollegiate squads. Selection is to be made from current squad members or those who have completed their athletic eligibility no more than three years prior to the date of application. It is to be based on need as well as on clearly demonstrated personal qualities of leadership and of academic potential. Selection of the recipient(s) shall be made jointly by the University Scholarship Committee and the Graduate School with recommendations from the person in charge of Intercollegiate Programs for women and a woman faculty member of the School of Health, Physical Education and Recreation. Preference shall be given to a candidate who has indicated a desire to pursue a career in teaching, coaching or conducting sports programs.

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 purposes 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 women's intercollegiate athletics.

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.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with right to invest and reinvest as occasion dictates.

The annual income is to be used to provide one or more scholarships for undergraduate and/or graduate students, who have demonstrated academic excellence and need for financial assistance, to study at the Franz Theodore Stone Laboratory. The selection of the recipients is to be made upon the recommendation of the F. T. Stone Laboratory Scholarship Committee in cooperation with the Director of the Laboratory and the Dean of the College of Biological Sciences.

September 2, 1983 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 Franz Theodore Stone Laboratory Scholarship Fund (contd)

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 at that time directly responsible for Lake Erie teaching, research and service.

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EMPLOYMENT OF ARCHITECT/ENGINEER AND
REQUEST FOR CONSTRUCTION BIDS
UNIVERSITY HOSPITALS RENOVATION MEDICAL LOGISTICAL SERVICES
Resolution No. 84-24

Synopsis: Authorization to employ an architectural firm and request construction bids is proposed.

WHEREAS this project is a two-story, above grade addition of approximately 30,000 square feet to be constructed within a court created by existing University Hospitals walls on three sides; and

WHEREAS this addition will provide new truck docks for receiving, distribution, and central service areas; and provide space for maintenance shops, housekeeping stores, and offices; and

WHEREAS the second story (Hospital first floor) will provide space for medical records and a central air conditioning room, with limited remodeling to be included in the existing building; and

WHEREAS \$5,180,000 will be made available from University Hospitals funds for this project:

NOW THEREFORE

BE IT RESOLVED, That the Vice President for Business and Finance be authorized to select a qualified architectural/engineering firm for this project from the lists of firms requested from and provided by the Department of Administrative Services and that the fee for these architectural/engineering services be negotiated between the firm selected and the Department of Administrative Services, Division of Public Works; and

September 2, 1983 meeting, Board of Trustees

EMPLOYMENT OF ARCHITECT/ENGINEER AND
REQUEST FOR CONSTRUCTION BIDS
UNIVERSITY HOSPITALS RENOVATION MEDICAL LOGISTICAL SERVICES (contd)

BE IT FURTHER RESOLVED, That the Vice President for Business and Finance be authorized to request construction bids on this project in accordance with established University procedures, and if satisfactory bids are received, to recommend to the Department of Administrative Services, Division of Public Works, the award of contracts, with all actions to be reported to this Board at the appropriate time.

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

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EMPLOYMENT OF ARCHITECT/ENGINEER AND
REQUEST FOR CONSTRUCTION BIDS
UNIVERSITY HOSPITALS RENOVATION CLINICAL MEDICAL SERVICES
Resolution No. 84-25

Synopsis: Authorization to employ an architectural firm and request construction bids is proposed.

WHEREAS this project will be a four-floor and basement addition to the east end of the existing University Hospitals with direct connections at all floors to the new Cancer Research Institute building presently under design; and

WHEREAS this project will provide space for clinical medical services which will serve all of the existing and proposed medical buildings contiguous to this project, and will involve remodeling of existing spaces; and

WHEREAS \$5,570,000 will be made available from University Hospitals funds for this project:

NOW THEREFORE

BE IT RESOLVED, That the Vice President for Business and Finance be authorized to select a qualified architectural/engineering firm for this project from the lists of firms requested from and provided by the Department of Administrative Services and that the fee for these architectural/engineering services be negotiated between the firm selected and the Department of Administrative Services, Division of Public Works; and

September 2, 1983 meeting, Board of Trustees

EMPLOYMENT OF ARCHITECT/ENGINEER AND
REQUEST FOR CONSTRUCTION BIDS
UNIVERSITY HOSPITALS RENOVATION CLINICAL MEDICAL SERVICES (contd)

BE IT FURTHER RESOLVED, That the Vice President for Business and Finance be authorized to request construction bids on this project in accordance with established University procedures, and if satisfactory bids are received, to recommend to the Department of Administrative Services, Division of Public Works, the award of contracts, with all actions to be reported to this Board at the appropriate time.

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

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PLANS AND SPECIFICATIONS

Resolution No. 84-26

Synopsis: Approval of plans and specifications for the following projects is proposed.

WHEREAS at the request of the Vice President for Business and Finance, the President recommended that the Board of Trustees approve the plans and specifications, bills of materials, and estimates of cost for the following projects:

INDEPENDENCE HALL - ROOF REPLACEMENT

Project: Due to weather deterioration, this roof is to be replaced with new roofing and insulation as necessary.

Funding: B/A 210134 (Contract Repair 1983-84)

Estimated Project Cost: \$80,000.00

HAMILTON HALL - EXTERIOR MASONRY REPAIRS, NORTH WING

Project: Due to deterioration repairs are necessary to the exterior masonry on the west and south elevations of the north wing.

Funding: B/A 210134 (Contract Repair 1983-84)

Estimated Project Cost: \$27,000.00

September 2, 1983 meeting, Board of Trustees

PLANS AND SPECIFICATIONS (contd)

STARLING-LOVING HALL - EXTERIOR MASONRY REPAIRS, "M" WING

Project: Due to deterioration repairs are necessary to the exterior masonry of the west elevation "M" wing of Starling-Loving Hall.

Funding: B/A 885197 (Local University Funds)

Estimated Project Cost: \$23,750.00

NOW THEREFORE

BE IT RESOLVED, That the plans and specifications, bills of materials, and estimates of cost for the projects listed above be approved and that the President and/or Vice President for Business and Finance be authorized to sign the plans and specifications for these projects and, in accordance with established University procedures, to request bids and, if satisfactory bids are received, to recommend to the Department of Administrative Services, Division of Public Works, the award of necessary contracts; and

BE IT FURTHER RESOLVED, That this action be reported to the Board at a later meeting.

Upon motion of Mr. Berry, seconded by Mr. Redman, 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. 84-27

Synopsis: Contracts have been awarded for the projects listed below to the lowest and best bidders in accordance with University procedures.

WHEREAS resolutions adopted by the Board of Trustees at previous meetings authorized the President and/or Vice President for Business and Finance to sign the plans and specifications and, in accordance with established University procedures, to request bids and, if satisfactory bids were received, to recommend to the Department of Administrative Services, Division of Public Works, the award of contracts for the following projects:

September 2, 1983 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

TOWNSHEND HALL RENOVATION

Description: This project will improve classrooms, accommodate the Department of Psychology, and improve access for the handicapped. The entire building will be renovated, with the removal of all asbestos and PCB's, replacement of windows, mechanical and electrical systems, fixtures, interior doors, and exterior fire escapes, and installation of a new elevator.

General Contract

Date Received:	July 29, 1983
No. of Bids:	12
Low Bid:	\$1,353,608.00*
High Bid:	\$1,569,900.00*
Estimate of Cost:	\$1,497,484.00*
Awarded to:	Lincoln Construction Company, Columbus, Ohio

Plumbing Contract

Date Received:	July 29, 1983
No. of Bids:	10
Low Bid:	\$ 94,900.00*
High Bid:	\$ 134,775.00*
Estimate of Cost:	\$ 105,288.00*
Awarded to:	Westland Mechanical, Columbus, Ohio

*Recommended alternates reflected in these figures.

September 2, 1983 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

TOWNSHEND HALL RENOVATION (contd)

HVAC Contract

Date Received:	July 29, 1983
No. of Bids:	9
Low Bid:	\$ 734,000.00* (includes approved substitute)
High Bid:	\$ 847,100.00*
Estimate of Cost:	\$ 921,090.00*
Awarded to:	R. M. Giehl, Columbus, Ohio

Electrical Contract

Date Received:	July 29, 1983
No. of Bids:	13
Low Bid:	\$ 334,081.00*
High Bid:	\$ 469,305.00*
Estimate of Cost:	\$ 391,652.00*
Awarded to:	Buckeye Electric Co., Dayton, Ohio

Total All Contracts:	\$2,516,589.00*
Total Contingency Allowance:	\$ 201,759.12 (which is 8 per cent of construction costs)
Total Project Cost:	\$3,050,000.00*
Funding:	Amended Substitute House Bill 552, U & R

*Recommended alternates reflected in these figures.

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

ARPS HALL RENOVATION

Description: This project will renovate the south and southwest portion of Arps Hall for the College of Education and the Department of Economics by improving the plumbing, electric, and heating-ventilating-air conditioning systems; improving or replacing lighting fixtures and interior and exterior doors; installing insulation in the attic area, replacing windows with energy-efficient ones; installing a window air conditioning system; refinishing ceilings and floors; and improving program functions by remodeling interior spaces.

General Contract

Date Received:	July 21, 1983
No. of Bids:	6
Low Bid:	\$ 712,325.00*
High Bid:	\$ 880,800.00*
Estimate of Cost:	\$ 905,301.00*
Awarded to:	M & P Construction, Gahanna, Ohio

Plumbing Contract

Date Received:	July 21, 1983
No. of Bids:	4
Low Bid:	\$ 36,155.00*
High Bid:	\$ 49,500.00*
Estimate of Cost:	\$ 47,221.00*
Awarded to:	J. A. Croson Co., Columbus, Ohio

*Recommended alternates reflected in these figures.

September 2, 1983 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

ARPS HALL RENOVATION (contd)

HVAC Contract

Date Received:	July 21, 1983
No. of Bids:	5
Low Bid:	\$ 574,400.00*
High Bid:	\$ 633,800.00*
Estimate of Cost:	\$ 779,844.00*
Awarded to:	Limbach Co., Columbus, Ohio

Electrical Contract

Date Received:	July 21, 1983
No. of Bids:	10
Low Bid:	\$ 264,933.00*
High Bid:	\$ 318,277.00*
Estimate of Cost:	\$ 218,307.00*
Awarded to:	Seco Electric, Columbus, Ohio

Total All Contracts:	\$1,587,813.00*
Total Contingency Allowance:	\$ 141,575.77 (which is 9 per cent of construction costs)
Total Project Cost:	\$2,000,000.00*
Funding:	Am. Sub. HB 552, U & R

*Recommended alternates reflected in these figures.

September 2, 1983 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

MEANS HALL ROOF REPLACEMENT

Description: This project will provide for the removal of approximately 20,900 square feet of old deteriorated roofing and replacement with new roofing material, insulation, and drainage as required.

General Contract

Date Received:	July 20, 1983
No. of Bids:	5
Low Bid:	\$ 82,600.00*
High Bid:	\$183,600.00*
Estimate of Cost:	\$115,000.00*
Awarded to:	Mr. Build Mehan Co., Columbus, Ohio
Total All Contracts:	\$ 82,600.00*
Total Contingency Allowance:	\$ 9,171.36 (which is 11 per cent of construction costs)
Total Project Cost:	\$100,000.00*
Funding:	B/A 885198 (University Hospitals funds)

*Recommended alternates reflected in these figures.

ENERGY MODIFICATIONS TO JOURNALISM BUILDING,
MACQUIGG LABORATORY, VETERINARY HOSPITAL,
UNIVERSITY HALL, HOWLETT HALL, AND ROBINSON LABORATORY

Description: In order to eliminate energy waste and excessive equipment operation, this project will provide numerous repairs and alterations to existing heating, ventilating, and air conditioning systems in the Journalism Building, MacQuigg Laboratory, Veterinary Hospital, University Hall, Howlett Hall, and Robinson Laboratory.

September 2, 1983 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

ENERGY MODIFICATIONS TO JOURNALISM BUILDING,
MACQUIGG LABORATORY, VETERINARY HOSPITAL,
UNIVERSITY HALL, HOWLETT HALL, AND ROBINSON LABORATORY (contd)

HVAC Contract

Date Received:	June 21, 1983
No. of Bids:	6
Low Bid:	\$ 71,300.00*
High Bid:	\$ 88,409.00*
Estimate of Cost:	\$165,300.00*
Awarded to:	Martina Sheet Metal, Columbus, Ohio
Total Contract:	\$ 71,300.00*
Total Contingency Allowance:	\$ 3,965.60 (which is 6 per cent of construction costs)
Total Project Cost:	\$ 88,500.00*
Funding:	B/A 210134

*Recommended alternates reflected in these figures.

OHIO STADIUM, REPLACE HOT WATER LINES AND
WATERMAN FARM, GAS LINE INSTALLATION

Description: Ohio Stadium: This project will replace the hot water supply and return lines supplying the Ohio Stadium from McCracken Power Plant to the east side of the parking area just west of McCracken Power Plant due to the deterioration of the existing lines.

Description: Waterman Farm: This project provides for the installation of a natural gas line at the Waterman Farm to replace the propane tanks presently serving this complex. The project will also provide for the conversion of all gas appliances from propane to natural gas, making the complex more cost effective.

September 2, 1983 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

OHIO STADIUM, REPLACE HOT WATER LINES AND
WATERMAN FARM, GAS LINE INSTALLATION (contd)

General Contract - Ohio Stadium

Date Received:	June 28, 1983
No. of Bids:	5
Low Bid:	\$ 50,377.00*
High Bid:	\$ 57,000.00
Estimate of Cost:	\$ 52,800.00
Awarded to:	R. H. Reeb, Columbus, Ohio

General Contract - Waterman Farm

Date Received:	July 14, 1983
No. of Bids:	6
Low Bid:	\$ 19,300.00
High Bid:	\$170,150.00
Estimate of Cost:	\$ 24,210.00
Awarded to:	Carlisle Mechanical Contractors, Balti- more, Ohio

Total All Contracts:	\$ 69,677.00
Total Contingency Allowance:	\$ 5,379.44 (which is 8 per cent of construction costs)
Total Project Cost:	\$ 80,000.00
Funding:	B/A 210134 (Contract Repair)

*Low bid of \$48,235.00 was rejected because the contractor had an insufficient bid guaranty.

September 2, 1983 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

PARKING LOT MAINTENANCE 1983
COAL TAR PITCH AND EMULSION SEALCOAT

Description: This project entails the sealcoating of various parking lots, including those at Tuttle Park, Lord Hall, Postle Hall, Water Resources, Fawcett Center, French Field House, and the Printing Facility. The emulsion sealcoat application will add protection against gasoline and oil leaks from vehicles that dissolve unprotected asphalt as well as further retard degradation from the ultra violet rays of the sun. This protection will increase the longevity of the new asphalt.

General Contract

Date Received:	July 22, 1983
No. of Bids:	5
Low Bid:	\$29,677.00
High Bid:	\$42,624.80
Estimate of Cost:	\$55,413.00
Awarded to:	Miller Sealing, Hilliard, Ohio
Total All Contracts:	\$29,677.00
Total Contingency Allowance:	\$3,044.77 (which is 10 per cent of construction costs)
Total Project Cost:	\$37,500.00
Funding:	B/A 885071 (Traffic and Parking)

PARKING LOT MAINTENANCE 1983
PATCH, REPAIR AND SLURRY SEAL - TYPE II

Description: This project consists of removing and replacing some badly broken asphalt, sealing cracks with liquid sealer, and slurry sealing the entire surface of the following parking lots: New Vocational Technical Education Building, Vivian Hall, Animal Science Building, and Howlett Hall.

September 2, 1983 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

PARKING LOT MAINTENANCE 1983
PATCH, REPAIR AND SLURRY SEAL - TYPE II (contd)

General Contract

Date Received:	July 22, 1983
No. of Bids:	3
Low Bid:	\$29,836.76
High Bid:	\$49,523.75
Estimate of Cost:	\$35,149.00
Awarded to:	Strawser Slurry Seal Inc., Columbus, Ohio
Total All Contracts:	\$29,836.76
Total Contingency Allowance:	\$2,852.75 (which is 10 per cent of construction costs)
Total Project Cost:	\$36,500.00
Funding:	B/A 885071 (Traffic and Parking)

NOW THEREFORE

BE IT RESOLVED, That pursuant to the actions previously authorized by the Board, the award of contracts and the establishment of project funds and contingency funds for the projects listed above are hereby approved.

Upon motion of Mr. Redman, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution with eight affirmative votes cast by Dr. Jacob, Messrs. Hilliker, Havens, Galbreath, Redman, Immke, and Berry, and Mrs. Bowser, and one abstention by Mr. Teaford.

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September 2, 1983 meeting, Board of Trustees

EASEMENT
WEST OHIO GAS COMPANY

Resolution No. 84-28

Synopsis: Renewal of gas line easement on the Lima Campus is proposed.

WHEREAS in 1968 the University granted to the West Ohio Gas Company an easement, 413 feet in length and 20 feet in width, on the Lima Regional Campus for the purpose of servicing University buildings; and

WHEREAS this easement expired in June, 1983, and the University has received a request from the West Ohio Gas Company to renew the easement for a period of fifteen years upon the same terms and conditions as the original easement; and

WHEREAS the gas line for which the easement is requested serves only University facilities; and

WHEREAS the appropriate agencies have recommended that this easement be granted:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Finance 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 the easement.

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

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THE JUICE FACTORY IN THE OHIO UNION

Resolution No. 84-29

Synopsis: Renewal of the Juice Factory's lease in the Ohio Union is proposed.

WHEREAS the Board of Trustees entered into a five-year lease on September 22, 1978, with Soup'N Salads Company, now known as Greentree Enterprises, Inc., for the purpose of providing food services in the Ohio Union; and

WHEREAS the appropriate University offices and Greentree Enterprises have determined that it is in the best interests of both parties to renew this lease for an additional five-year term ending June 30, 1988; and

September 2, 1983 meeting, Board of Trustees

THE JUICE FACTORY IN THE OHIO UNION (contd)

WHEREAS the University and Greentree Enterprises have determined that the rent for the renewal term shall be based upon the following percentage of gross sales: 12% of gross sales of food and beverages and 13% of gross sales of beer and, for gross sales in excess of \$500,000 annually, 10% on food and beverages and 12% on beer:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Finance be authorized to execute an addendum to the original lease dated September 22, 1978, with Greentree Enterprises, Inc., to renew the lease for an additional term ending June 30, 1988.

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

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APPOINTMENT OF INVESTMENT COUNSELORS

Resolution No. 84-30

Synopsis: Appointment of Investment Counselors is proposed.

BE IT RESOLVED, That upon the recommendation of the Fiscal Affairs Committee, the following investment policies pertaining to the University's Investments Portfolio be implemented in accordance with the terms and conditions set forth.

Reappointment of the following-named investment managers to counsel in Endowment investments totaling the initial amounts indicated:

The Chicago Corporation	\$15,000,000
Huntington Investment Management Company	\$14,500,000
Neuberger & Berman Mutual Funds:	
Energy Fund	\$ 2,000,000
Guardian Fund	\$ 2,000,000
Partners Fund	\$ 1,000,000
Siebel Capital Management, Incorporated	\$16,000,000
Webster Management Corporation	\$ 1,000,000

September 2, 1983 meeting, Board of Trustees

APPOINTMENT OF INVESTMENT COUNSELORS (contd)

Appointment of the following-named investment managers to counsel in Endowment investments totaling the initial amounts indicated:

Centerre Trust Company	\$10,000,000
Starbuck, Tisdale & Williams	\$10,000,000

Reappointment of the following-named investment manager to counsel in non-Endowment investments totaling the initial amount indicated:

Huntington Investment Management Company	\$20,000,000
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Upon motion of Mr. Berry, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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REPORT - EXPENSES FOR DESIGNATED ADMINISTRATIVE OFFICIALS
Resolution No. 84-31

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

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. Berry, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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September 2, 1983 meeting, Board of Trustees

COMMENDATION CONCERNING RELOCATION
OF THE FARM SCIENCE REVIEW

Resolution No. 84-32

Synopsis: Commendation is proposed in recognition of the relocation of the Farm Science Review.

WHEREAS the College of Agriculture determined last year that the Farm Science Review should be moved to the Molly Caren Agricultural Center in order to provide enhanced facilities and to allow for substantially improved traffic flow in and out of the Farm Science Review; and

WHEREAS the Vice President for Agricultural Affairs, Dr. Max Lennon, and Mr. Craig Fendrick, Manager of the Farm Science Review, along with their colleagues and associates in all areas of agriculture at Ohio State, have worked extremely hard to facilitate the relocation of the Farm Science Review; and

WHEREAS the development of the Molly Caren Agricultural Center and the relocation have been accomplished in the extremely short time of one year:

NOW THEREFORE

BE IT RESOLVED, That Max Lennon, Craig Fendrick and all others who have been involved in this effort be thanked and commended for their accomplishment of this goal and that the Secretary of the Board be asked to inform the Office of the Vice President for Agricultural Affairs of the Board's deep appreciation in this regard.

Upon motion of Mrs. Bowser, seconded by Mr. Galbreath, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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TRANSFER OF TRUSTEESHIP FOR
PHI DELTA KAPPA FOUNDATION

Resolution No. 84-33

Synopsis: Transfer of the trusteeship for the Phi Delta Kappa Foundation from the Board of Trustees of The Ohio State University to the Huntington National Bank is proposed.

WHEREAS the Board of Trustees of The Ohio State University currently acts as Trustee of the private foundation known as the Phi Delta Kappa Foundation; and

WHEREAS the Board of Trustees has consulted with the Board of Governors of the Phi Delta Kappa Foundation and officials of The Ohio State University; and

September 2, 1983 meeting, Board of Trustees

TRANSFER OF TRUSTEESHIP FOR
PHI DELTA KAPPA FOUNDATION (contd)

WHEREAS all parties agree that it is in the best interest of the Board of Trustees of The Ohio State University to transfer the responsibilities of Trustee of the Phi Delta Kappa Foundation to a corporate trustee, the Huntington National Bank:

NOW THEREFORE

BE IT RESOLVED, That the Board of Trustees of The Ohio State University authorizes the President and/or Vice President for Business and Finance to take all steps necessary to transfer any responsibilities, authorities, and duties the Board of Trustees of The Ohio State University has as trustee for the Phi Delta Kappa Foundation to the Huntington National Bank as soon as possible.

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

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ORGANIZATION-ATHLETICS

President Jennings made the following statement:

Mr. Chairman, I have one additional item that I would like simply to bring to your attention. As you know, the Office of the Vice Provost for Student Affairs is currently facing an enormous number of issues. In particular, the areas of registration and admissions are critical to the fulfillment of our academic mission at The Ohio State University. Beginning in the Autumn Quarter of 1984, we will be implementing an admissions program that very clearly articulates the academic skills required for a matriculating student to be successful at Ohio State. We must continue to concentrate our efforts to improve opportunities for any student who wishes to study at this institution, and who has the basic potential for academic success.

I have also placed increased emphasis on the responsibilities of the Office of the Vice Provost for Student Affairs. First, there is an increased focus on improving retention of highly qualified students. Second, there is increased emphasis on enhancing our recruitment, particularly of students with academic promise, both generally and among minority students. And finally, as noted, the implementation of the new admissions program for the Autumn Quarter, 1984, places an enormously increased burden upon the Vice Provost for Student Affairs.

ORGANIZATION-ATHLETICS (contd)

Of course, these major efforts and initiatives are all in addition to the great responsibilities of the traditional student services functions, including residence and dining halls, non-academic student discipline, coordination of student extracurricular activities and all student or student-connected organizations, counseling, student financial aids and scholarships, off-campus student housing, University student union facilities, student health services and University-wide environmental health and safety concerns, and the monitoring of rules governing student conduct, both on and off campus.

The increased time commitment and increased responsibilities that this office must undertake are occurring when we are also in a transition process. We are now attempting to complete a nationwide search to find the best person available to serve as our new Vice Provost for Student Affairs.

All these reasons, in my judgment, necessitate that temporary relief be provided through a change in some of the other areas of responsibilities of that office.

As all of you know, nationally, there has been a significant number of management and academic issues confronting student athletic programs, especially intercollegiate athletics. Stringent academic standards, greater accountability for student athletes, issues involving broadcasting of athletic events, the enhancement of women's athletic programs, all are examples of the major issues being faced in this area. Although The Ohio State University has long been a leader in addressing many of these concerns, the problems are of such complexity that I believe special attention is required today.

For these reasons, and given the increased burden on the Vice Provost for Student Affairs, I am asking Mr. Larry Thompson, Special Assistant to the President, to undertake responsibility on a temporary basis for overseeing the managerial aspects of the student athletic programs. Because I feel it is also essential to retain academics as paramount in the area of athletics, I am also asking Dr. Russell Spillman, Associate Provost for Academic Affairs, to accept responsibility for the academic matters associated with athletics and to insure that these academic matters are properly retained within the Office of the Provost. I am confident that this dual team will be able to work well together and with the University's Athletic Council to give this area the special attention that these major issues require.

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September 2, 1983 meeting, Board of Trustees

REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 84-34

RESOLVED, That the reports on the University's Investment Portfolio, dated June 30, 1983 and August 19, 1983, 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, October 7, 1983, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Sue L. Mayer
Acting Secretary

John D. Jacob, D.D.S.
Chairman

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THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND ONE HUNDRED AND NINETY-THIRD MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, October 7, 1983

The Board of Trustees met at its regular monthly meeting on Friday, October 7, 1983, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: John D. Jacob, Chairman, D. James Hilliker, John F. Havens, Daniel M. Galbreath, Edmund C. Redman, Leonard J. Immke, John W. Berry, Shirley D. Bowser, and Hamilton J. Teaford.

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Minutes of the last meeting were approved.

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October 7, 1983 meeting, Board of Trustees

The Chairman, Dr. Jacob, called the meeting of the Board of Trustees to order at 12:00 noon. 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: John D. Jacob, Chairman, D. James Hilliker, John F. Havens, Edmund C. Redman, Leonard J. Immke, John W. Berry, Shirley D. Bowser, and Hamilton J. Teaford.

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Dr. Jacob reconvened the meeting at 1:30 p.m.

Dr. Jacob made the following statement:

This morning we had a report from Mr. Jeffers regarding the Hospitals Board which has been in operation during the last four years. They have certainly contributed substantial and very worthwhile services, and so at this time I would like to read a resolution--an expression of appreciation to the University Hospitals Board.

EXPRESSION OF APPRECIATION TO THE UNIVERSITY HOSPITALS BOARD
Resolution No. 84-35

Synopsis: Recognition of the service of the members of the Hospitals Board is proposed.

WHEREAS The Ohio State University Hospitals Board was established by this Board of Trustees in November, 1979, and has actively served the University since 1980; and

WHEREAS the University Hospitals Board is responsible to this Board for the oversight of patient care services in the University Hospitals; and

WHEREAS reports from the Hospitals Board, including the report received today for Mr. Dean W. Jeffers, have indicated the positive direction of the myriad activities and operations of the University Hospitals, and it is anticipated that these outstanding results will continue in the future:

NOW THEREFORE

BE IT RESOLVED, That The Ohio State University Board of Trustees acknowledges with deep gratitude the enormous contribution of the members--both current and past--of the University Hospitals Board during the last four years in supporting and maintaining a strong tradition of excellence and effective use of resources in the discharge of patient care in the University Hospitals; and

October 7, 1983 meeting, Board of Trustees

EXPRESSION OF APPRECIATION TO
THE UNIVERSITY HOSPITALS BOARD (contd)

BE IT FURTHER RESOLVED, That this expression of appreciation shall be transmitted by the Secretary of the Board to the Chairman of the University Hospitals Board with the request that current and previous members be informed of this action.

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

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PERSONNEL ACTIONS

Resolution No. 84-36

Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Changes in Title, Appointments, Appointment of Department Chairperson, Leaves of Absence Without Salary, Leave of Absence Without Salary--Change of Date, Professional Improvement Leave, Professional Improvement Leave--Correction of Dates, Professional Improvement Leave--Cancellation and Emeritus Titles are recommended for approval.

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the September 2, 1983 meeting of the Board, including the following Changes in Title, Appointments, Appointment of Department Chairperson, Leaves of Absence Without Salary, Leave of Absence Without Salary--Change of Date, Professional Improvement Leave, Professional Improvement Leave--Correction of Dates, Professional Improvement Leave--Cancellation and Emeritus Titles as detailed in the University Budget, be approved.

Changes in Title

Name: PETER M. GERHART
Title: Acting Dean
College: Law
Effective: Immediately
Salary: \$65,040.00
Present Position: Associate Dean, College of Law

Name: RONALD L. ST. PIERRE
Title: Associate Vice President for Health Services and Academic Affairs
Offices: Health Services and Academic Affairs
Effective: Immediately
Salary: N/A
Present Position: Associate Vice President for Health Services

October 7, 1983 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Appointments

Name: MALCOLM S. BAROWAY
Title: Executive Director
Office: University Communications
Effective: October 1, 1983
Salary: \$55,080.00
Present Position: Director, Communication Services, The University of Michigan, Ann Arbor, Michigan

Name: FRANKLIN D. FITE
Title: Executive Director
Office: University Development
Effective: October 31, 1983
Salary: \$55,080.00
Present Position: Vice President for Development and Public Relations, Otterbein College, Westerville, Ohio

Appointment of Department Chairperson

October 1, 1983 through June 30, 1987

Neurology

George W. Paulson

Leaves of Absence Without Salary

JULIUS G. GOLDBERG, Associate Professor, Department of Mathematics (Marion Campus), effective Autumn Quarter 1983, Winter Quarter and Spring Quarter 1984, for personal reasons.

ALFRED H. LERCH, Assistant Professor, Department of Aviation, effective Autumn Quarter 1983, Winter Quarter and Spring Quarter 1984, for personal reasons.

JAY F. HALLEY, Instructor, Cooperative Extension Service, effective November 1, 1983 through November 30, 1983, for personal reasons.

Leave of Absence Without Salary--Change of Date

YUJI KODAMA, Assistant Professor, Department of Mathematics, change leave of absence from October 1, 1983 through June 30, 1984, to January 1, 1984 through June 30, 1984.

Professional Improvement Leave

RONALD B. HOHN, Professor, Department of Veterinary Clinical Sciences, effective October 1, 1984 through September 30, 1985.

October 7, 1983 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Professional Improvement Leave--Correction of Dates

JAMES A. KNIGHT, Associate Professor, Department of Agricultural Education, correction of dates from Autumn Quarter 1983, Winter Quarter and Spring Quarter 1984, to September 1, 1983 through August 31, 1984.

Professional Improvement Leave--Cancellation

MARGRET R. PIERSON, Associate Professor, Department of Dance, effective Winter Quarter and Spring Quarter 1984.

Emeritus Titles

ROBERT G. HILL, JR., Department of Horticulture, with the title Professor Emeritus, effective October 1, 1983.

ORVILLE E. RUSSELL, College of Dentistry - Oral Surgery, with the title Professor Emeritus, effective October 1, 1983.

ALVIA L. BOZEMAN, Department of Educational Theory and Practice, with the title Associate Professor Emeritus, effective October 1, 1983.

CARL V. CLAUSEN, Department of Photography and Cinema, with the title Associate Professor Emeritus, effective October 1, 1983.

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

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RESOLUTIONS IN MEMORIAM

Resolution No. 84-37

Synopsis: Resolutions honoring the service of three of the University's faculty members who have recently died are being 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.

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

Makoto Kawase

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on August 2, 1983, of Makoto Kawase, Professor in the Department of Horticulture.

October 7, 1983 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Makoto Kawase (contd)

Makoto Kawase was born in Japanese controlled Zuizan, Korea in 1926. He received a Bachelor of Agriculture degree in 1951 and a Master of Agriculture in 1954, both from the University of Tokyo. He received his M.S. from the University of Minnesota in 1958 and Ph.D. from Cornell University in 1960. He served as assistant professor of horticulture (temp.) at Purdue University 1960-1962, and was a plant physiologist for the Canadian Department of Agriculture at Morden, Manitoba, 1962-1966. He joined The Ohio State University faculty in 1966 as an associate professor at the Ohio Agricultural Research and Development Center and became professor in 1970. He participated actively in the teaching programs and worked with many graduate students during his 17-year career. His research included ecological differentiation of horticultural crops and basic studies in photoperiodic control of tree growth, plant senescence, rooting physiology, rooting substances, plant growth regulators, and flooding physiology. He held both U. S. and Canadian patents on the "Wooster Tube," a method he invented to containerize field-grown trees and shrubs. He twice won the American Society for Horticultural Science Alex Laurie Award (1962 and 1967); received a National Science Foundation Grant in 1970 to participate in the 18th International Horticultural Congress in Tel Aviv, Israel; and was awarded a NATO visiting professorship at Pisa University in Italy in 1974.

Professor Kawase published many scientific articles and held memberships in the American Society for Horticultural Science, American Society for Plant Physiologists, International Plant Propagators' Society, Scandinavian Society for Plant Physiology, Ohio Nurserymen's Association, Botanical Society of America, American Association for the Advancement of Science, Phi Kappa Phi, Alpha Xi, and Sigma Xi. In February 1983, he returned from leading a highly successful plant exploration in northern Japan followed by a visiting professorship at the University of Tokyo. The plant exploration, a fulfillment of a career-long ambition of Dr. Kawase, was supported by the North Central States Ornamental Subcommittee and resulted in collection of more than 800 specimens for identification and possible introduction as woody ornamental plants for the northern U. S.

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.

John W. Price

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on August 25, 1983, of John W. Price, Professor Emeritus, Department of Zoology, College of Biological Sciences.

October 7, 1983 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

John W. Price (contd)

Dr. Price was born in 1899 in Plain City, Ohio. He completed his undergraduate degree in Agriculture in 1921 at The Ohio State University, and he continued for his advanced degrees also at The Ohio State University receiving an M.S. in 1923 and a Ph.D. in 1930. He taught as a missionary in Bogota, Columbia, 1923-24. Dr. Price was appointed as an Instructor in 1927, Assistant Professor in 1930, Associate Professor in 1933, and Professor in 1943.

Dr. Price was a dedicated and enthusiastic teacher. He taught general zoology, vertebrate zoology and developed one of the first courses in comparative embryology. Dr. Price often taught field zoology at the Franz Theodore Stone Laboratory on Lake Erie in the summer months. Dr. Price is affectionately remembered as a mentor to many graduate students, he advised many of them for work toward advanced degrees.

Research was an integral part of his academic life, he believed in the value of basic research. Dr. Price published papers and made presentations relating to experimental embryology and fisheries biology. His work "A Study of the Food Habits of Some Lake Erie Fish," published as a Bulletin of the Ohio Biological Survey, is considered a landmark publication. Dr. Price was always curious and asked questions of both students and colleagues. His questions and original ideas often led to research problems investigated by his graduate students. Dr. Price was one of the founders of the Midwest Regional Developmental Biology Conference. He retired from the Department of Zoology in January, 1970.

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 in 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 and The Ohio State University has sustained.

Harold R. Walley

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on August 12, 1983, of Harold R. Walley, former Professor of English.

Born on March 21, 1900 in Reading, Pennsylvania, Professor Walley received his B.A. (1921), M.A. (1922), and Ph.D. (1924) degrees from Princeton University. He joined the Ohio State faculty in 1925 and was appointed Professor Emeritus on his retirement in 1966 after 41 years as the English department's principal scholar and teacher of Shakespeare.

He was the editor of several textbooks on drama, and the author of many research articles on Shakespeare and his contemporaries. Perhaps he was most widely known as a demanding teacher who brought Shakespeare excitingly alive for generations of OSU students; in recognition of this accomplishment he was named "Professor of the Year" by the Arts and Sciences Student Council in 1952.

October 7, 1983 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Harold R. Walley (contd)

On behalf of the University community, the Board of Trustees expresses to Dr. Walley's family its heartfelt sympathy. 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 sincere appreciation of the Board's realization of the loss that the family, the University and his many friends and associates have sustained.

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

Resolution No. 84-38

Synopsis: The reports on contracts, grants, and gifts and the summary for August, 1983 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, and The Ohio State University Development Fund during the month of August 1983, be approved.

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

SUMMARY FOR AUGUST 1983

Source	No. of Projects	Support Level
The Ohio State University Research Foundation	91	\$6,169,886.27
Engineering Experiment Station	40	\$ 337,786.00
		\$6,507,672.27

October 7, 1983 meeting, Board of Trustees

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

SUMMARY FOR AUGUST 1983 (contd)

The Ohio State University Development Fund

Establishment of Named Funds

The Electrical Engineering Alumni Endowment Fund (Research, teaching and service programs/facilities)	\$ 150,000.00
The Elmer E. and Ruth A. Tankersley Eye Research Fund (Department of Ophthalmology)	\$ 36,923.28
The Class of 1933 Endowment Fund (Student Loan Foundation)	\$ 14,051.50
The Wheeler R. and Loree A. White Memorial Scholarship Fund (Scholarships - Lakota School District)	\$ 6,701.00

Report from Presidents Club

Members to date	4,618
1983 members: year to date	88
New members - August 1983	6

New Presidents Club Members - August 1983

Frank C. Long, Jr.	Barbara Ann Sinsabaugh
Eugene K. Owen	Toni L. Turk
John L. Robinson	Lloyd G. Wright

October 7, 1983 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Report - August 1983

Federal Research Contracts/Grants

\$775,000.00 - Department of Energy, Argonne, Illinois, High Energy Physics, Department of Physics (T. A. Romanowski, K. Reibel, N. W. Reay, N. R. Stanton, T. Y. Ling and H. P. Kagan), 1 August 1983 through 31 January 1984. (Project 762116 - Continuation)

\$430,800.00 - Department of Commerce, National Oceanic and Atmospheric Administration, Rockville, Maryland, Ohio Sea Grant Program 1983-1984, Center for Lake Erie Area Research (C. E. Herdendorf) 1 September 1983 through 31 August 1984. (Project 762833 - Continuation)

\$250,000.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, High-Field Fourier Transform Nuclear Magnetic Resonance Spectrometer, Chemical Instrumentation Center (A. G. Marshall), 1 August 1983 through 31 July 1984. (Project 763743 - New)

\$248,951.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Transmural Transport in Blood Vessels, Department of Pathology (D. L. Fry), 1 July 1983 through 30 June 1984. (Project 763184 - Continuation)

\$224,411.00 - Department of Health and Human Services, Public Health Service, Health Resources and Services Administration, Bethesda, Maryland, Minority Student Recruitment, Preparation, and Retention Program towards Careers in Dentistry, Medicine, Optometry, Pharmacy, and Veterinary Medicine, College of Medicine - Administration (E. L. Craig and C. L. Yash), 1 September 1983 through 31 August 1984. (Project 762834 - Continuation)

\$168,527.00 - National Science Foundation, Washington, D. C., Rainfall Studies Using the Differential Reflectivity Radar Techniques, Department of Electrical Engineering (T. A. Seliga), 1 July 1983 through 30 June 1984. (Project 762445 - Continuation)

\$160,000.00 - National Science Foundation, Washington, D. C., Establishment of a Center for Welding Research, Department of Welding Engineering (K. F. Graff) and Department of Psychology (T. C. Brock), 1 August 1983 through 31 July 1984. (Project 762389 - Continuation)

\$146,031.00 - Department of Education, Office of Postsecondary Education, Washington, D. C., Upward Bound, Office of Minority Affairs (J. Cruz), 1 September 1983 through 31 August 1984. (Project 763763 - Continuation)

October 7, 1983 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$132,250.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Liposome-Macrophage Activating Factor for Clinical Use, Department of Medicine (J. J. Rinehart and C. C. Whitacre) and Department of Microbiology (B. Zwillig), 1 July 1983 through 30 June 1984. (Project 763199 - Continuation)

\$109,552.00 - Department of Agriculture, Science and Education Administration, Arlington, Virginia, Hypobiotic Changes in Ostertagia ostertagi During Environmental Adaptation, Department of Veterinary Pathobiology (R. P. Herd), 1 September 1983 through 31 August 1985. (Project 762846 - Continuation)

\$99,685.00 - National Science Foundation, Washington, D. C., Study of Modified Carbon/Graphitic Surfaces for Electrocatalysis, Department of Chemistry (T. Kuwana), 1 August 1983 through 31 July 1984. (Project 762782 - Continuation)

\$96,602.00 - Department of Agriculture, Science and Education Administration, Arlington, Virginia, Characterization and Propagation of New Enteric Viral Pathogens of Swine, Department of Food Animal Health Research Program - OARDC (L. J. Saif), 15 August 1983 through 31 August 1986. (Project 763758 - New)

\$96,496.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, DNA Damage Following Exposure to Genotoxins, Department of Radiology (S. M. D'Ambrosio and A. A. Wani), 1 September 1983 through 31 August 1984. (Project 762787 - Continuation)

\$95,000.00 - Department of Agriculture, Science and Education Administration, Arlington, Virginia, Carbohydrate Metabolism in Legume Nodules, Department of Agronomy - OARDC (J. G. Streefer), 1 September 1983 through 31 August 1985. (Project 763778 - New)

\$92,074.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Abnormal and B Cell Growth in Aged Humans, Department of Medicine (R. L. Whisler), 1 August 1983 through 31 July 1984. (Project 763761 - New)

\$89,784.00 - Department of Agriculture, Science and Education Administration, Arlington, Virginia, Bovine Rotavirus: Molecular Epizootiology and the Quest for Serotypes, Department of Animal Health Research Program - OARDC (K. W. Theil), 15 August 1983 through 31 August 1986. (Project 763759 - New)

October 7, 1983 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$87,757.00 - Department of Education, Office of Postsecondary Education, Washington, D. C., Special Services Program for Disadvantaged Students, University College Administration (M. A. Stewart and B. D. McDaniel), 1 September 1983 through 31 August 1984. (Project 762867 - Continuation)

\$85,899.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Pathobiology of Latent Lymphomagenic Feline Retroviruses, Department of Veterinary Pathobiology (J. L. Rojko), 1 August 1983 through 31 July 1984. (Project 763747 - New)

\$85,000.00 - National Science Foundation, Washington, D. C., The Categorical Theory of Grammatical Relations, Department of Linguistics (D. R. Dowty), 1 September 1983 through 31 August 1985. (Project 763765 - New)

\$83,076.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Washington, D. C., Parent-Child Conversation: A Dissemination Project for Handicapped and Disadvantaged Children, Nisonger Center for Mental Retardation (J. D. MacDonald), 30 June 1983 through 29 November 1984. (Project 763762 - New)

\$78,409.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, The Neural Control of Temperature Regulation, Department of Physiology (J. A. Boulant), 1 September 1983 through 31 August 1984. (Project 761187 - Continuation)

\$75,945.00 - Department of Education, Office of Special Education and Rehabilitation Services, Washington, D. C., Leadership Training of Special Education Doctoral Students in an Interdisciplinary Environment, Nisonger Center for Mental Retardation (D. C. Cavin), 1 June 1983 through 31 May 1984. (Project 763563 - New)

\$70,000.00 - National Science Foundation, Washington, D. C., Organization and Development of Bulbosplinal Collaterals, Department of Anatomy (G. F. Martin, Jr.), 1 September 1983 through 30 August 1984. (Project 763771 - New)

\$70,000.00 - National Science Foundation, Washington, D. C., The Role of Calcium in the Control of Root Growth and Gravitropism, Department of Botany (M. L. Evans), 1 September 1983 through 31 August 1984. (Project 763770 - New)

October 7, 1983 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$64,679.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Diabetes-Vitamin E-Vascular Degeneration, Department of Physiological Chemistry (R. V. Panganamala), 1 August 1983 through 31 July 1984. (Project 761628 - Continuation)

\$55,629.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Thymidylate Synthetase Gene Expression, Department of Biochemistry (L. F. Johnson), 1 September 1983 through 31 August 1984. (Project 762903 - New)

\$53,802.00 - Department of the Army, Army Corps of Engineers, Vicksburg, Mississippi, Development of a Theoretical Model for Ported Coaxial Cable Embedded at a Uniform Depth in a Lossy Half-Space, Department of Electrical Engineering, ElectroScience Laboratory (J. H. Richmond), 10 August 1983 through 9 March 1984. (Project 763766 - New)

\$52,000.00 - Department of Education, Office of Special Education and Rehabilitation Services, Washington, D. C., Preparing Parent Volunteers for Increasing Handicapped Youths' Employability: A Training of Trainers, The National Center for Research in Vocational Education (R. E. Taylor), 1 June 1983 through 31 May 1984. (Project 763748 - New)

\$52,000.00 - National Science Foundation, Washington, D. C., The 1982 Spanish Elections: The Consolidation of a New Democracy?, Department of Political Science (R. P. Gunther, G. A. Sani and G. A. Shabad), 15 July 1983 through 30 June 1985. (Project 763573-New)

\$51,000.00 - National Science Foundation, Washington, D. C., Magnetic Domain Wall Resonance and the Electric Field Shift of the Ferromagnetic Resonance, Department of Physics (P. E. Wigen), 1 July 1983 through 31 December 1983. (Project 763741 - New)

\$50,295.00 - National Science Foundation, Washington, D. C., Late Cretaceous - Cenozoic Biostratigraphy of Antarctica, Institute of Polar Studies and Department of Geology and Mineralogy (P. N. Webb), 15 August 1983 through 15 July 1984. (Project 763746 - New)

\$50,000.00 - National Science Foundation, Washington, D. C., Regulation of Dihydrofolate Reductase Gene Expression, Department of Biochemistry (L. F. Johnson), 15 August 1983 through 14 August 1984. (Project 763775 - New)

October 7, 1983 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$49,657.00 - National Science Foundation, Washington, D. C., The Evolution of the Compositae of the Juan Fernandez Islands, Department of Botany (T. F. Stuessy and D. J. Crawford), 1 August 1983 through 31 July 1984. (Project 763738 - New)

\$48,213.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Cloned T Cell Responses to Macrophage Products (IL-1), Department of Surgery (C. G. Orosz), 1 August 1983 through 31 July 1984. (Project 763749 - New)

\$44,323.00 - Department of Agriculture, Science and Education Administration, Arlington, Virginia, Environmental Mastitis Control and Dietary Selenium and Vitamin E, Department of Dairy Science-OARDC (K. L. Smith and H. R. Conrad), 15 August 1983 through 28 February 1985. (Project 763757 - New)

\$40,407.00 - Department of the Air Force, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio, Advanced Radar Cross Section Reduction, Department of Electrical Engineering, ElectroScience Laboratory (B. A. Munk), 18 July 1983 through 30 September 1983. (Project 763740 - Continuation)

\$39,877.00 - National Science Foundation, Washington, D. C., Specification Tests and Model Selection for Spatial Interaction and the Structure of Spatial Dependence, Architecture Administration-City and Regional Planning (L. Anselin), 1 August 1983 through 31 October 1984. (Project 763711 - New)

\$38,000.00 - Department of Education, Office of Special Education and Rehabilitation Services, Washington, D. C., Handicapped Personnel Preparation, Preparation of Special Educators, School of Health, Physical Education and Recreation (W. F. Ersing), 1 July 1983 through 31 May 1984. (Project 763768 - New)

\$30,942.00 - Department of Education, Office of Special Education and Rehabilitation Services, Washington, D. C., Rehabilitation Counseling Long-Term Training Grant, Department of Human Services Education (B. S. Growick and S. W. LeClair), 1 August 1983 through 31 July 1984. (Project 763777 - New)

\$30,000.00 - Department of the Air Force, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio, Experimental and Theoretical Assessment of a New Technique for the Nondestructive Evaluation of Adhesive Joints, Department of Engineering Mechanics (V. H. Kenner), 15 July 1983 through 15 February 1984. (Project 762999 - Continuation)

October 7, 1983 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$18,438.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Mechanical Control and Energetics of Muscle Contraction, Department of Physiology (E. Bozler), 1 September 1983 through 31 August 1984. (Project 760924 - Continuation)

\$18,246.00 - National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, Acoustic and Performance Evaluation of General Aviation Propellers by Flight Research, Department of Aeronautical and Astronautical Engineering (G. M. Gregorek) and Department of Aviation (G. S. Weislogel), 1 July 1983 through 15 February 1984. (Project 761471 - Continuation)

\$18,050.00 - National Science Foundation, Washington, D. C., Nitrogen Fixation in Soybeans, Department of Agronomy (J. G. Streeter), 1 July 1983 through 30 June 1985. (Project 763756 - New)

\$12,881.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, International Congress on Chemotherapy, College of Pharmacy (D. T. Witiak), 1 August 1983 through 31 July 1984. (Project 763750 - New)

\$10,646.00 - National Science Foundation, Washington, D. C., Electronic Spectroscopy of Matrix Isolated Biradicals, Ylids, and Carbenes, Department of Chemistry (M. S. Platz), 1 January 1984 through 30 June 1985. (Project 763764 - New)

\$9,000.00 - Department of the Air Force, Air Force Systems Command, Hanscom Air Force Base, Massachusetts, Application of Full Wave Solutions to High Frequency (HF) Heating and Generation of Irregularities in the F-Region of the Ionosphere, Department of Electrical Engineering (T. A. Seliga), 1 August 1983 through 30 September 1983. (Project 763439 - Continuation)

\$7,958.00 - Department of Transportation, National Highway Traffic Safety Administration, East Liberty, Ohio, Noncontact Crash Data Acquisition Interface, Department of Electrical Engineering (H. Hemami), 1 July 1983 through 30 September 1983. (Project 762618 - Continuation)

\$6,495.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Pathology of Mitochondria in Ischemic Myocardium, Department of Physiological Chemistry (G. P. Brierley), 1 July 1983 through 30 June 1984. (Project 761229 - Continuation)

\$6,000.00 - Defense Mapping Agency, Washington, D. C., Research Related to Inertial Survey Systems, Department of Geodetic Science and Surveying (I. I. Mueller), 1 August 1983 through 30 September 1983. (Project 763302 - Continuation)

October 7, 1983 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$5,939.00 - National Science Foundation, Washington, D. C., The Determinants and the Consequences of the Acceptance of a Scientific "Mistake", Department of Economics (A. M. Diamond, Jr.), 1 August 1983 through 31 July 1984. (Project 763755 - New)

\$4,350.00 - National Science Foundation, Washington, D. C., Systematics of the *Carex pachystachya* Cham. ex Steud. Complex (Cyperaceae), Department of Botany (D. J. Crawford), 15 August 1983 through 14 August 1984. (Project 763717 - New)

\$4,139.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Pro-lactinomas: In Vivo and in Vitro Studies, Department of Veterinary Pathobiology (C. C. Capen) and Department of Medicine (W. B. Malarkey), 1 July 1983 through 30 June 1984. (Project 763223 - Continuation)

\$3,046.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Development of Low Cost Filler Materials for Welding High Strength Steels and Titanium Alloys, Department of Welding Engineering (D. G. Howden), 1 August 1983 through 31 December 1983. (Project 762890 - Continuation)

\$1,834.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Graduate Training in Biochemical Neuropathology, Department of Physiological Chemistry (L. A. Horrocks), 1 July 1983 through 30 June 1984. (Project 760708 - Continuation)

\$916.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Molecular Control in Cytochrome C Oxidase, Department of Physiological Chemistry (J. O. Alben), 1 January 1983 through 31 December 1983. (Project 762976 - Continuation)

\$717.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Subunit Studies of a Heart Respiratory Complex, Department of Physiological Chemistry (J. S. Rieske), 1 December 1982 through 30 November 1983. (Project 762285 - Continuation)

TOTAL - FEDERAL AWARDS

\$4,730,728.00

State of Ohio Research Contracts/Grants

\$170,997.00 - State of Ohio, Public Utilities Commission, Columbus, Ohio, Telecommunications Technical Assistance, National Regulatory Research Institute (D. N. Jones and C. Mount-Campbell), 1 July 1983 through 30 June 1984. (Project 763772 - Continuation)

October 7, 1983 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)

\$59,586.00 - State of Ohio, Department of Natural Resources, Columbus, Ohio, Otterslide Run Reclamation Project, Department of Agronomy (G. F. Hall) and Department of Civil Engineering (W. E. Wolfe), 29 July 1983 through 30 November 1983. (Project 763751 - New)

\$25,480.00 - State of Ohio, Department of Mental Health, Columbus, Ohio, Graduate Training Program in Psychology, Department of Psychology (H. L. Mirels), 1 July 1983 through 30 June 1984. (Project 762865 - Continuation)

\$25,000.00 - State of Ohio, Department of Public Welfare, Columbus, Ohio, Protection of Children in Institutional Care, College of Social Work (N. J. Rindfleisch), 1 July 1983 through 30 June 1984. (Project 763523 - New)

\$13,630.00 - State of Ohio, Department of Natural Resources, Columbus, Ohio, Statistical Services for the State Comprehensive Outdoor Recreation Plan, Department of Agricultural Economics and Rural Sociology and Department of Agricultural Economics and Rural Sociology - OARDC (T. L. Napier), 1 July 1983 through 30 June 1984. (Project 763736 - New)

\$9,479.32 - State of Ohio, Department of Natural Resources, Columbus, Ohio, Lake Erie Basin - Accelerated Conservation Tillage Project, Cooperative Extension Field Operations (T. L. Jones), 1 October 1981 through 30 June 1984. (Project 762943 - Continuation)

\$4,973.00 - State of Ohio, Ohio Humanities Council, Columbus, Ohio, Africa and the West: The Challenge of African Humanism, Department of Black Studies (I. J. Mowoe) and Department of Romance Languages and Literature (R. W. Bjornson), 6 March 1982 through 31 December 1982. (Project 763058 - Continuation)

TOTAL - STATE OF OHIO AWARDS **\$ 309,145.32**

Industrial Research Contracts/Grants

\$134,250.00 - Tominy Incorporated, Cincinnati, Ohio, Software Development Program, Academic Faculty of Accounting (J. Cunyningham), 1 July 1983 through 31 December 1983. (Project 763552 - Continuation)

\$84,017.00 - G. D. Searle & Company, Skokie, Illinois, Comparison of Flagyl and Placebo in the Treatment of Patients with Crohn's Disease, Department of Medicine (H. S. Mekhjian), 1 September 1983 through 30 June 1985. (Project 763779 - New)

October 7, 1983 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial Research Contracts/Grants (contd)

\$73,604.00 - Abbott Laboratories, Columbus, Ohio, Isolation and Growth of Human Rotaviruses, Department of Medical Microbiology and Immunology (J. H. Hughes), 1 September 1982 through 31 August 1984. (Project 763278 - Continuation)

\$56,210.00 - Price Waterhouse and Company, Washington, D. C., ARAMCO Training Program, The National Center for Research in Vocational Education (R. E. Taylor), 1 July 1983 through 30 November 1983. (Project 763094 - Continuation)

\$28,120.00 - Adria Laboratories, Inc., Columbus, Ohio, Pharmacological Evaluation of Agents Affecting Membrane and Contractile Properties of Vascular Smooth Muscle, Department of Veterinary Physiology and Pharmacology (S. M. Strauch), 1 August 1983 through 31 July 1984. (Project 763760 - New)

\$14,933.00 - Quest Research Corporation, McLean, Virginia, Laser Radar Cross Section and Optical Augmentation Discriminants, Department of Electrical Engineering, ElectroScience Laboratory (S. A. Collins), 13 July 1983 through 12 October 1983. (Project 763754 - New)

\$1,500.00 - Cambridge Technology, Incorporated, Cambridge, Massachusetts, Conference: Skeletal, Heart and Smooth Muscle Energetics, Department of Physiology (J. A. Rall), 1 April 1984 through 31 March 1985. (Project 763773 - New)

\$578.00 - CSG Corporation, Washington, D. C., Technical Assistance Project for the Microcomputer Choices Program, The National Center for Research in Vocational Education (R. E. Taylor), 22 July 1983 through 31 December 1984. (Project 763026 - Continuation)

TOTAL - INDUSTRIAL AWARDS

\$ 393,212.00

Other Non-Federal Research Contracts/Grants

\$210,790.95 - National Association of Regulatory Utility Commissioners, Washington, D. C., NARUC State Member Support of the NRRI through Regularized State-Provided Contributions, National Regulatory Research Institute (D. N. Jones), 1 July 1983 through 30 June 1984. (Project 763289 - Continuation)

\$107,860.00 - Hannah Neil Center for Children, Columbus, Ohio, Implementing Behavioral Treatment Activities: A Joint Human Services/Physical Education Internship, School of Health, Physical Education and Recreation (C. L. Mand) and Department of Human Services Education (J. O. Cooper), 1 July 1983 through 30 June 1984. (Project 763627 - Continuation)

October 7, 1983 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)

\$64,876.00 - March of Dimes Birth Defects Foundation, White Plains, New York, Multicenter Preterm Birth Prevention Trial, Department of Obstetrics and Gynecology (J. D. Iams), 1 July 1983 through 30 June 1984. (Project 763334 - New)

\$59,376.00 - Ohio Cancer Research Associates, Columbus, Ohio, Phase I Trial of MVE-II in Metastatic Melanoma, Department of Medicine (J. J. Rinehart) and Cancer Research Center and Department of Medicine (J. A. Neidhart), 1 June 1983 through 30 November 1984. (Project 763731 - New)

\$51,000.00 - Virginia Polytechnic Institute and State University, Blacksburg, Virginia, The Chemical Architecture of Molecular Ferromagnets, Department of Chemistry (D. H. Busch), 15 July 1983 through 31 May 1984. (Project 763742 - New)

\$28,253.00 - Jamaica Government, Kingston Mall, Jamaica, Specialist Consultants for National Training Board and Planning/Evaluation and an International In-Resident Fellowship Program for Jamaica, The National Center for Research in Vocational Education (R. E. Taylor), 1 September 1983 through 31 December 1983. (Project 763425 - Continuation)

\$28,000.00 - Fourteen Members of the National Alliance of Postsecondary Education Institutions/Districts, National Alliance of Postsecondary Education Institutions/Districts, The National Center for Research in Vocational Education (R. E. Taylor), 1 July 1983 through 30 June 1984. (Project 763548 - Continuation)

\$25,000.00 - Electric Power Research Institute, Palo Alto, California, Causes and Corrective Actions for Pitting in Steam Generator Tubing, Department of Metallurgical Engineering (S. S. Smialowska), 24 May 1983 through 15 September 1983. (Project 763582 - New)

\$25,000.00 - March of Dimes Birth Defects Foundation, White Plains, New York, Proteins that Covalently Bind to DNA: Their Role in Gene Expression in the Developing Embryo, Department of Microbiology (M. T. Muller), 1 September 1983 through 31 August 1984. (Project 763776 - New)

\$24,150.00 - National Association of Regulatory Utility Commissioners, Washington, D. C., NARUC State Member Support of the NRRRI through Regularized State-Provided Contributions, National Regulatory Research Institute (D. N. Jones), 1 July 1983 through 30 June 1984. (Project 763289 - Continuation)

October 7, 1983 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)

\$21,105.00 - Children's Hospital Research Foundation, Columbus, Ohio, Pancreatic Polypeptide in Patients with Altered Appetite, Department of Medicine (T. O'Dorisio and S. Cataland), Department of Psychiatry (K. Dixon) and Department of Psychology (G. Berntson), 1 January 1983 through 31 December 1983. (Project 763744 - New)

\$20,000.00 - March of Dimes Birth Defects Foundation, White Plains, New York, The Molecular Mechanisms of Chromosomal Movement, Department of Microbiology (B. R. Oakley), 1 July 1983 through 30 June 1984. (Project 763739 - New)

\$19,250.00 - Leukemia Society of America, Inc., New York, New York, Studies on the Regulation of T Cell Clones by Macrophage-Derived Factor(s), Department of Surgery (C. G. Grosz), 1 August 1983 through 30 June 1984. (Project 763752 - New)

\$14,464.00 - Morris Animal Foundation, Englewood, Colorado, The Effects of Concurrent Viruses on the Susceptibility of Cats to the Feline Leukemia Virus and Disease, Department of Veterinary Pathobiology (J. L. Rojko and G. J. Kociba), 1 August 1983 through 31 July 1984. (Project 763745 - New)

\$13,273.00 - Morris Animal Foundation, Englewood, Colorado, The Effects of Feline Leukemia Virus on the Proliferation of Bone Marrow Erythroid Progenitors, Department of Veterinary Pathobiology (G. J. Kociba), 1 August 1983 through 31 July 1984. (Project 763248 - Continuation)

\$10,000.00 - Morris Animal Foundation, Englewood, Colorado, The Epidemiology and Control of Strongylus vulgaris, the Major Cause of Colic in Horses, Department of Veterinary Pathobiology (R. P. Herd) and Department of Veterinary Clinical Sciences (A. A. Gabel), 1 August 1983 through 31 July 1984. (Project 762323 - Continuation)

\$7,470.00 - National Geographic Society, Washington, D. C., Coiled Tracheae in Cranes: Bizarre Structure of Undetermined Function, Department of Zoology (A. S. Gaunt), 1 June 1983 through 31 May 1984. (Project 763769 - New)

\$4,219.00 - Franklin County Board of Mental Retardation and Developmental Disabilities, Columbus, Ohio, Community Worker Project, Nisonger Center for Mental Retardation (F. A. M. Benson), 1 August 1983 through 31 December 1983. (Project 763174 - Continuation)

October 7, 1983 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)

\$2,394.00 - Idaho State University, Pocatello, Idaho, Technical Assistance for Idaho State University, The National Center for Research in Vocational Education (R. E. Taylor), 1 August 1983 through 30 September 1983. (Project 768044 - New)

\$320.00 - Northwest Regional Educational Laboratory, Portland, Oregon, Technical Assistance for Northwest Regional Educational Laboratory, The National Center for Research in Vocational Education (R. E. Taylor), 1 August 1983 through 30 September 1983. (Project 768043 - New)

TOTAL - OTHER NON-FEDERAL AWARDS \$ 736,800.95

ENGINEERING EXPERIMENT STATION

Industrial and Other Sponsored Research and Development

\$337,786.00 - from 40 sponsors for 40 development projects under the direction of ten engineering departments and research areas.

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Establishment of Named Funds

The Electrical Engineering Alumni Endowment Fund

The Electrical Engineering Alumni Endowment Fund was established October 7, 1983, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from alumni, friends and industry benefactors of The Ohio State University Department of Electrical 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 is to be used for those purposes which will aid the research, teaching and service programs/facilities within the Department of Electrical Engineering in the College of Engineering. The Chairman of the Electrical Engineering Department will have sole authority to authorize expenditures from the fund, as approved by the Dean of the College of Engineering.

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 electrical engineering education.

October 7, 1983 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 Elmer E. and Ruth A. Tankersley
Eye Research Fund**

The Elmer E. and Ruth A. Tankersley Eye Research Fund was established October 7, 1983, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from the estate of Elmer E. Tankersley, Cleveland, Ohio, in honor of the Lions Club of 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 is to be used for eye research under the direction of the Chairman of the Department of Ophthalmology and the Dean of the College of Medicine.

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 purposes whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University then directly responsible for eye education in the College of Medicine.

The Class of 1933 Endowment Fund

The Class of 1933 Endowment Fund was established October 7, 1983 by the Board of Trustees with gifts from the members of the Class of '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.

The annual income is to be used to benefit the Student Loan Foundation, Inc., of The Ohio State University.

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 of the University with preference being given to recommendations from the appropriate administrative official of the University then responsible for the administration of student financial aid and/or scholarships and fellowships.

October 7, 1983 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 Wheeler R. and Loree A. White Memorial
Scholarship Fund**

The Wheeler R. and Loree A. White Memorial Scholarship Fund was established October 7, 1983, by the Board of Trustees of The Ohio State University Development Fund with gifts from Mr. and Mrs. Eugene M. White and Mr. and Mrs. Robert C. White, children of Wheeler R. and Loree A. White.

All gifts are to be invested in the University's Permanent Endowment Fund under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide one or more scholarships for students enrolled at The Ohio State University who are graduates of Lakota High School located in Sandusky County in Ohio. First preference is to be given to students from the former Risingsun School District as prior to its consolidation into Lakota School District. If Lakota School District should become consolidated or nonexistent, preference should go to students from the Risingsun area. If there are no qualified applicants during a given year, the income from that period will be added to the principal. The selection of the recipient shall be made by the University Committee on Student Financial Aids, with preference being given to those recommended by the senior administrative official from Lakota High School.

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 appropriate administrative official of the area of student financial aid.

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**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS**

Resolution No. 84-39

Synopsis: Contracts have been awarded for the projects listed below to the lowest and best bidders in accordance with University procedures.

WHEREAS resolutions adopted by the Board of Trustees at previous meetings authorized the President and/or Vice President for Business and Finance to sign the plans and specifications and, in accordance with established University procedures, to request bids and, if satisfactory bids were received, to recommend to the Department of Administrative Services, Division of Public Works, the award of contracts for the following projects:

October 7, 1983 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

UNIVERSITY AIRPORT RENOVATION - F.Y. 1983

Description: Renovations will include: installing new runway lights on Runway 9R-27L; widening taxiway at terminal area; constructing a parallel taxiway at Runway 9L-27R; resurfacing Runway 14-32; resurfacing taxiway E; installing runway signs; resurfacing east Airport parking ramp; and resurfacing T-Hangar aprons.

General Contract

Date Received:	August 23, 1983
No. of Bids:	5
Low Bid:	\$503,181.94*
High Bid:	\$664,560.08*
Estimate of Cost:	\$697,853.00*
Awarded to:	Concept Construction, Columbus, Ohio

Electrical Contract

Date Received:	August 23, 1983
No. of Bids:	3
Low Bid:	\$160,372.07*
High Bid:	\$205,844.31*
Estimate of Cost:	\$193,280.50*
Awarded to:	Consolidated Suppliers, Columbus, Ohio

Total All Contracts:	\$663,554.01
Total Contingency Allowance:	\$ 33,447.30 (which is 5 per cent of construction costs)
Total Project Cost:	\$788,000.00
Funding:	Federal Aviation Administration Grant and University Funds

*Recommended alternates reflected in these figures.

October 7, 1983 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

SAWTOOTH REPLACEMENT PHASE II
(MCPHERSON CHEMICAL LAB)

Description: Demolition of the sixty year old portion of McPherson Chemistry Laboratory (Sawtooth) and construction of a new four-story facility for Chemistry. This award of contracts covers only the demolition and asbestos removal.

General Contract

Date Received:	August 30, 1983
No. of Bids:	3
Low Bid:	\$167,000.00
High Bid:	\$203,800.00
Estimate of Cost:	\$205,105.00
Awarded to:	Craig Wrecking, Columbus, Ohio
Total Contingency Allowance:	\$ 15,706.30 (which is 9.4 per cent of construction costs)
Total Project Cost:	\$200,000.00
Funding:	Am. Sub. HB 552

ENERGY CONSERVATION MODIFICATIONS - PHASE V
UNIVERSITY HOSPITALS CLINIC

Description: This project will provide needed energy modifications to increase the efficiency of the existing air systems in the control elements by installing new supply and return air dampers and inter-connection of the Hospitals Clinic temperature control panel with the existing master control panel in University Hospital.

HVAC Contract

Date Received:	September 13, 1983
No. of Bids:	1
Low Bid:	\$ 73,000.00
Estimate of Cost:	\$ 74,500.00
Awarded to:	Honeywell, Inc., Columbus, Ohio

October 7, 1983 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

**ENERGY CONSERVATION MODIFICATIONS - PHASE V
UNIVERSITY HOSPITALS CLINIC (contd)**

Total Contingency Allowance: \$ 5,168.20 (which is 7.1 per cent of construction costs)
Total Project Cost: \$ 92,800.00
Funding: B/A 885205 (University Funds)

COLLEGE ROAD BUS PULLOUTS

Description: Construction of three bus pullout areas to provide bus stops clear of vehicular traffic.

General Contract

Date Received: September 13, 1983
No. of Bids: 3
Low Bid: \$57,090.75*
High Bid: \$66,500.00*
Estimate of Cost: \$69,000.00*
Awarded to: Gaddis & Sons, Columbus, Ohio
Total Contingency Allowance: \$ 5,719.35 (which is 10 per cent of construction costs)
Total Project Cost: \$64,750.00
Funding: University Funds (B/A 210134)

*Recommended alternates included in these figures.

ELECTROSCIENCE LAB - STORAGE ROOM ADDITION

Description: Due to construction of a new generation of precision radar measurement research facility, additional space is necessary for location of peripheral equipment and target models.

October 7, 1983 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

ELECTROSCIENCE LAB - STORAGE ROOM ADDITION (contd)

General Contract

Date Received:	August 17, 1983
No. of Bids:	3
Low Bid:	\$32,988.00
High Bid:	\$45,570.00
Estimate of Cost:	\$42,000.00
Awarded to:	Concepts Enterprises, Columbus, Ohio
Total All Contracts:	\$32,988.00
Total Contingency Allowance:	\$ 2,675.44 (which is 8 per cent of construction costs)
Total Project Cost:	\$40,600.00
Funding:	University Funds

STARLING-LOVING HALL - EXTERIOR MASONRY REPAIRS, "M" WING

Description: Due to deterioration, repairs are necessary to the exterior masonry of the west elevation "M" wing of Starling-Loving Hall.

General Contract

Date Received:	September 9, 1983
No. of Bids:	4
Low Bid:	\$18,405.00*
High Bid:	\$30,000.00*
Estimate of Cost:	\$28,350.00*
Awarded to:	Conley Meyer Construction, Piqua, Ohio

*Recommended alternates reflected in these figures.

October 7, 1983 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

STARLING-LOVING HALL - EXTERIOR MASONRY REPAIRS, "M" WING (contd)

Total Contingency Allowance: \$ 2,924.87 (which is 16 per cent of construction costs)

Total Project Cost: \$23,750.00

Funding: B/A 885197 (University Funds)

NOW THEREFORE

BE IT RESOLVED, That pursuant to the actions previously authorized by the Board, the award of contracts and the establishment of project funds and contingency funds for the projects listed above are hereby approved.

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

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SALE OF PROPERTY
95 EAST 12TH AVENUE, COLUMBUS, OHIO

Resolution No. 84-40

Synopsis: Sale of property at 95 East 12th Avenue is proposed.

WHEREAS in 1981 the Board of Trustees acquired the property located at 95 East 12th Avenue, Columbus, Ohio, by gift from the Ohio State Gamma Alpha Association, an Ohio non-profit corporation; and

WHEREAS the gift of the property was subject to the condition that the property should be resold with the proceeds from the sale to be used to establish the Gamma Alpha Library Fund to purchase reference materials for the University's science libraries (Departments of Chemistry, Physics, Botany, Biological Sciences, and Geology); and

WHEREAS American Youth Hostels, Inc., has submitted an offer to purchase the property for \$79,000.00; and

WHEREAS it is the desire of this Board to accept the offer of the American Youth Hostels, Inc., and sell all of this Board's right, title, and interest in and to the property:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Finance be authorized to sell, in the name of the Board of Trustees of The Ohio State University, all of the University's right, title, and interest in and to

October 7, 1983 meeting, Board of Trustees

**SALE OF PROPERTY
95 EAST 12TH AVENUE, COLUMBUS, OHIO (contd)**

the property located at 95 East 12th Avenue, Columbus, Ohio, to American Youth Hostels, Inc., with the proceeds from such sale to be channeled through The Ohio State University Development Fund to establish the Gamma Alpha Library Fund as provided above.

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

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**EASEMENTS
FRANKLIN COUNTY COMMISSIONERS**

Resolution No. 84-41

Synopsis: Renewal of road and storm sewer easements is proposed.

WHEREAS in 1968 the University granted to the Franklin County Commissioners two easements for the widening of Kenny Road, each easement being an irregular strip of land running parallel to the center line of Kenny Road and together containing 3.471 acres; and

WHEREAS in 1968 the University also granted to the Franklin County Commissioners a storm sewer easement consisting of an irregular plot of land west of the Kenny Road center line and containing .287 acres; and

WHEREAS these easements expired on July 2, 1983, and the Franklin County Commissioners have requested a renewal of the easements for a fifteen-year period upon the same terms and conditions as the original easements; and

WHEREAS the easements are beneficial to the University and are maintained at no cost to the University; and

WHEREAS the appropriate University offices have recommended that these easements be granted:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Finance 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 these easements.

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

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October 7, 1983 meeting, Board of Trustees

EASEMENT
NATIONAL GAS OF OHIO

Resolution No. 84-42

Synopsis: Renewal of a gas line easement on the Newark Campus is proposed.

WHEREAS in 1968 the University granted to the National Gas of Ohio Company an easement consisting of a strip of land nine hundred fifty-five feet in length and twenty feet in width for the purpose of installing and maintaining a three-inch gas line; and

WHEREAS this easement expired February 28, 1983, and the University has received a request to renew the easement for a period of fifteen years upon the same terms and conditions as the original easement; and

WHEREAS the gas line for which the easement is requested serves only University facilities; 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 Finance 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 the easement.

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

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REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 84-43

RESOLVED, That the report on the University's Investment Portfolio, dated September 16, 1983, 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, November 4, 1983, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Sue L. Mayer
Acting Secretary

John D. Jacob, D.D.S.
Chairman

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

Columbus, Ohio, November 4, 1983

The Board of Trustees met at its regular monthly meeting on Friday, November 4, 1983, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: John D. Jacob, Chairman, D. James Hilliker, John F. Havens, Daniel M. Galbreath, Edmund C. Redman, Leonard J. Immke, John W. Berry, Shirley D. Bowser, and Hamilton J. Teaford.

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Minutes of the last meeting were approved.

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November 4, 1983 meeting, Board of Trustees

The Chairman, Dr. Jacob, called the meeting of the Board of Trustees to order at 12:00 noon.

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SECRETARY OF THE BOARD OF TRUSTEES

Resolution No. 84-44

Synopsis: Resumption of the responsibilities, duties and authority of the elected Secretary of the Board of Trustees is proposed.

WHEREAS, Madison H. Scott, Secretary of the Board of Trustees, has recovered from his recent hospitalization and is able to resume on a regular basis the duties and responsibilities as set forth in Rule 3335-1-02 of the Administrative Code:

NOW THEREFORE

BE IT RESOLVED, That effective immediately Mr. Scott shall resume the full responsibilities, duties and authority of the office of Secretary of the Board of Trustees of The Ohio State University.

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

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Dr. Jacob 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: John D. Jacob, Chairman, D. James Hilliker, John F. Havens, Edmund C. Redman, Leonard J. Immke, John W. Berry, Shirley D. Bowser and Hamilton J. Teaford.

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Dr. Jacob reconvened the meeting at 1:30 p.m.

AMENDMENTS TO THE BYLAWS OF THE BOARD OF TRUSTEES
AND RULES OF THE UNIVERSITY FACULTY

Resolution No. 84-45

Synopsis: Amendments to the Bylaws of the Board of Trustees (paragraph (H) of bylaw 3335-1-03) and Rules of the University Faculty (paragraph (B) and (C) of rule 3335-3-08) are proposed.

WHEREAS the Vice President for Business and Finance has made recommendations regarding the operation and organization of the Office of Business and Finance; and

November 4, 1983 meeting, Board of Trustees

AMENDMENTS TO THE BYLAWS OF THE BOARD OF TRUSTEES
AND RULES OF THE UNIVERSITY FACULTY (contd)

WHEREAS pursuant to rule 3335-1-09 of the Administrative Code and upon recommendation of the President, the following changes in bylaw 3335-1-03 (H) and rule 3335-3-08 (B) and (C) are proposed:

BYLAW

3335-1-03 Administration of the university.

- (H) Vice president for business and finance. The major area of responsibility and authority of the vice president for business and finance shall be that of the administration of the university operations. Without limiting the generality of the foregoing, the vice president for business and finance shall, under the direction of the president and with the approval of the board of trustees, be responsible and have the requisite authority for: the conduct and evaluation of all business and administrative activities and procedures, including management improvement programs; internal auditing; contracts administration; business management; business services; the development, allocation, utilization, and maintenance of the physical facilities; university public safety; university systems; the operation of the Fawcett center for tomorrow; and the coordination of all matters administratively assigned to the other vice presidents which relate to the business and administrative areas of the university.

RULE

3335-3-08 Vice president for business and finance.*

- (B) The major area of responsibility and authority of the vice president for business and finance shall be that of the administration of the university operations. Without limiting the generality of the foregoing, the vice president for business and finance shall, under the direction of the president and with the approval of the board of trustees, be responsible and have the requisite authority for: the conduct and evaluation of all business and administrative activities and procedures, including management improvement programs; internal auditing; contracts administration; business management; business services; the development, allocation, utilization, and maintenance of the physical facilities, university public safety; university systems; the operation of the Fawcett center for tomorrow; and the coordination of all matters administratively assigned to the other vice presidents which relate to the business and administrative areas of the university.
- (C) The principal administrative officials of the office of business and finance shall include the associate vice president, physical facilities; assistant vice president, business and finance; university fiscal officer; assistant vice president, university public safety; assistant vice president, business management; assistant vice president, business services; assistant vice president, university systems; director, contracts administration; director, internal auditing; and such other associates as may be authorized from time to time. (B/T 10/5/73, B/T 9/5/75, B/T 4/6/79, B/T 6/10/82, B/T 11/4/83)

*Rule initiated by board of trustees.

November 4, 1983 meeting, Board of Trustees

AMENDMENTS TO THE BYLAWS OF THE BOARD OF TRUSTEES
AND RULES OF THE UNIVERSITY FACULTY (contd)

NOW THEREFORE

BE IT RESOLVED, That the foregoing amendments to the Bylaws of the Board of Trustees and Rules of the University Faculty be adopted.

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

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NAMING OF BUILDING

Resolution No. 84-46

Synopsis: Naming of a building is proposed.

WHEREAS pursuant to authority of this Board in naming of all buildings at The Ohio State University as set forth in paragraph (G) of rule 3335-1-08 of the Administrative Code; and

WHEREAS the President recommended, with the concurrence of the President's Staff, that the Phase II academic building located on the campus of the Agricultural Technical Institute be named William John Skou Hall to honor William J. Skou who contributed very substantially to teaching, scholarship and faculty development programs at ATI as well as to the floricultural industry in general during his career in this field:

NOW THEREFORE

BE IT RESOLVED, That the above specified building be named William John Skou Hall.

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

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NAMING OF BUILDING

Resolution No. 84-47

Synopsis: Renaming of a building is proposed.

WHEREAS pursuant to authority of this Board in naming of all buildings at The Ohio State University as set forth in paragraph (G) of rule 3335-1-08 of the Administrative Code; and

November 4, 1983 meeting, Board of Trustees

NAMING OF BUILDING (contd)

WHEREAS the President recommended, with the concurrence of the President's Staff, that the Optometry Building located at 338 West 10th Avenue be renamed Glenn Ansel Fry Hall to honor Dr. Glenn Ansel Fry who devoted much of his career to developing and enhancing the graduate and research programs in physiological optics at Ohio State, having spent 44 years on the University's Faculty and having been Director of the School of Optometry and a Regents Professor:

NOW THEREFORE

BE IT RESOLVED, That the above specified building be renamed Glenn Ansel Fry Hall.

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

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NAMING OF BUILDING

Resolution No. 84-48

Mr. Galbreath presented the following resolution proposing that the Administration Building be named John W. Bricker Hall in honor of the former U. S. senator and governor of Ohio.

WHEREAS the Honorable John W. Bricker has, throughout his life, served his alma mater, his community, his state, and his country with honor and distinction; and

WHEREAS it is the desire of the Board of Trustees of The Ohio State University to establish a living and permanent memorial which recognizes Senator Bricker's significant contributions to the history and achievements of this University; and

WHEREAS pursuant to the authority of this Board as provided in Rule 3335-1-08 (G) of the Administrative Code, the President, with the concurrence of the President's Staff, has recommended that the Administration Building, located at 190 North Oval Mall, be named John W. Bricker Hall:

NOW THEREFORE

BE IT RESOLVED, That the Administration Building be named John W. Bricker Hall in honor of Senator Bricker's many years of distinguished service to this University.

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

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November 4, 1983 meeting, Board of Trustees

HONORARY DEGREES

Resolution No. 84-49

Synopsis: Approval is requested for awarding honorary degrees to two individuals.

WHEREAS the Committee on Honorary Degrees and the University Senate, pursuant to rule 3335-5-57 of the Administrative Code, have approved for recommendation to the Board of Trustees awarding of honorary degrees as listed below:

- | | |
|----------------|--------------------------|
| George Snell | Doctor of Science |
| Fred Machetanz | Doctor of Humane Letters |

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

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DEGREES AND CERTIFICATES - AUTUMN QUARTER COMMENCEMENT
 Resolution No. 84-50

Synopsis: Approval is being requested for awarding degrees and certificates for Autumn 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

BE IT RESOLVED, That the degrees and certificates be conferred on December 9, 1983, 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. Hilliker, seconded by Mr. Berry, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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November 4, 1983 meeting, Board of Trustees

ESTABLISHMENT OF POOLED INCOME FUND IV

Resolution No. 84-51

Synopsis: Form of Agreement and Instrument of Transfer for Pooled Income Fund IV is being proposed.

RESOLVED, That the form of Agreement and Instrument of Transfer, included on the following pages, with respect to the University's Pooled Income Fund IV be, and they hereby are, approved, adopted, ratified and confirmed.

FURTHER RESOLVED, That the following three individuals be, and they hereby are, nominated and appointed to serve as trustees for donors transferring property to the University's Pooled Income Fund IV, each to serve at the pleasure of the Board of Trustees of the University in accordance with the terms of the instrument establishing Pooled Income Fund IV:

Thomas J. Kolda
James R. McCoy
James L. Nichols

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

CONTRIBUTION TO POOLED INCOME FUND IV
OF THE OHIO STATE UNIVERSITY
(INSTRUMENT OF TRANSFER)

The undersigned _____, Donor, hereby transfers to the Trustees of The Ohio State University Pooled Income Fund IV under the Agreement dated _____, 19____, the following property:

the sum of \$ _____

the securities or other properties listed in the Schedule 1 attached hereto,

subject to the following terms and conditions:

1. The transfer shall be effective on the _____ day of _____, 19____.

2. The property will be commingled with property transferred by other Donors who have made or make similar transfers, and will be subject in all respects to said Agreement, the terms and conditions of which are hereby adopted and made a part hereof. A copy of said Agreement, marked Exhibit A, is attached hereto.

3. The Donor retains for himself and creates for his spouse, _____, a lifetime income interest in the property, determined under said Agreement. The income distributable to the life income beneficiaries shall be paid in accordance with said Agreement:

November 4, 1983 meeting, Board of Trustees

CONTRIBUTION TO POOLED INCOME FUND IV
OF THE OHIO STATE UNIVERSITY
(INSTRUMENT OF TRANSFER) (contd)

(a) To the Donor during his life

(b) To the Donor's spouse, _____, if she survives the Donor, during the remainder of her life.

The Donor retains the power exercisable only by will to revoke or terminate the income interest of his spouse.

4. An irrevocable remainder interest in the property is hereby transferred to The Ohio State University, to be severed from the Pooled Income Fund IV and distributed to the University at the termination of said income interest, as provided in said Agreement.

5. The funds and properties so severed from the Pooled Income Fund IV and distributed to the University shall be administered and expended by the University for its charitable purposes, as follows:

Signed by _____, Donor, and accepted by the Trustees of the Pooled Income Fund IV, as of _____.

DONOR:

TRUSTEES:

THE OHIO STATE UNIVERSITY
POOLED INCOME FUND IV

This Agreement between The Ohio State University (the University) and Thomas J. Kolda, James R. McCoy, and James L. Nichols (the Trustees), executed as of the _____ day of _____, 19__.

W I T N E S S E T H:

The purpose and intent of this Agreement is to create The Ohio State University Pooled Income Fund IV (the Trust), a pooled income fund as defined in Section 642(c)(5) of the Internal Revenue Code and the regulations thereunder, through which donors may make contributions to the University subject

November 4, 1983 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY
POOLED INCOME FUND IV (contd)

to a retained life income interest. This Agreement and the Trust hereby created shall be construed and administered in a manner which is consistent with said statute and regulations.

1. Contributions. The Trust shall accept contributions of property (including money) from donors subject to the following terms and conditions:

(a) An irrevocable remainder interest in the property shall be contributed to or for the use of the University.

(b) The donor shall retain for himself and/or create for his spouse (to whom the donor is married at the time of the transfer) and/or other designated beneficiaries who are then alive and are acceptable to the Trustees, a lifetime income interest in the property transferred. If a spouse or other beneficiary is named as a co-beneficiary with the donor, the instrument of transfer shall designate the share of income payable to each and whether such shares are to be enjoyed concurrently and/or consecutively. The donor may retain the power exercisable only by will to revoke or terminate the income interest of his spouse or other designated beneficiary.

(c) If donors retain for their joint lives an income interest in jointly owned property transferred to the Trust, the instrument of transfer shall designate the share of income payable to each such donor and upon the death of the first to die, the survivor shall receive the entire income interest for the rest of the survivor's life. However, each donor retains the power, exercisable only by will, to revoke or terminate the interest of the survivor created in the deceased donor's interest in the property.

(d) Each instrument of transfer shall adopt and incorporate by reference all the terms and conditions of this Agreement, and each instrument of transfer shall in turn be adopted or incorporated by reference herein.

(e) The donor may not revoke an income interest of the University.

2. Certain Properties Excluded.

(a) The Trustees shall not accept or hold any property transferred under arrangements other than those specified in this Agreement and Section 642(c)(5) of the Internal Revenue Code.

(b) The Trustees shall not accept or invest in and the Trust shall not include any securities, the income from which is exempt from federal income tax.

3. Commingling of Life Income Properties. The Property transferred to the Trust by each donor shall be commingled with and invested or reinvested with other property transferred to the Trust by other donors satisfying the requirements of paragraph 1 of this Agreement.

THE OHIO STATE UNIVERSITY
POOLED INCOME FUND IV (contd)

4. Fiscal Year - Valuation Dates. The Trust shall operate on a fiscal year ending on June 30. The Trust property shall be valued on the first day of each fiscal year (including a fiscal period of less than 12 months), on the first day of each quarter-annual period, and on each date on which property is transferred to the Trust by a donor.

5. Allocation and Distribution of Income.

(a) The income share of each beneficiary for each quarter-annual period of the Trust shall be determined by the rate of return earned by the Trust for such period with respect to his income interest (computed on the basis of units of participation). Income distributions shall be paid quarterly not later than 20 days after the end of each quarter. An adjusting payment, if necessary, will be made during the taxable year or within the first sixty-five (65) days following its close to bring the total payments to the actual income to which the beneficiary or beneficiaries are entitled for the year.

(b) Each income interest retained or created shall be assigned a number of units of participation which number shall be computed by dividing the fair market value of the property transferred by the fair market value of a unit in the Trust immediately before such transfer. The fair market value of a unit in the Trust shall be determined by dividing the fair market value of all property in the Trust at such time by the number of units then in the Trust. Although the value of the units vary from time to time, all units in the Fund shall always have equal value.

(c) The amount of income allocated to each unit of participation in the Trust shall be determined by dividing the income of the Trust for the taxable year by the outstanding number of units in the Trust at the end of such year; provided, however, that in the allocation of income to units outstanding during only part of a year (or part of a quarter-annual period) the Trustees shall take into consideration the period of time during which such units were outstanding.

(d) The income interest of a beneficiary shall terminate with the last regular payment made before his death. The Trustees shall not be required to prorate any income payment to the date of the beneficiary's death.

6. Classification of Income.

(a) For purposes of this Agreement the term income refers to the ordinary income of the Trust after deducting any costs and expenses incurred by the Trust which are properly chargeable to income, determined under the law of Ohio, and such term has the same meaning as it does under Section 643(b) of the Internal Revenue Code of 1954, or corresponding provisions of any subsequent federal tax law and the regulations thereunder.

(b) In allocating receipts and disbursements as between principal and income, the Trustees shall be governed by good accounting practices. Specifically (without intending to limit this general rule) all net gains realized

November 4, 1983 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY
POOLED INCOME FUND IV (contd)

in the sale or other disposition of securities and other investments, capital gains distributions received from investment companies, mutual or common trust funds, liquidating distributions, and all other items not defined as income under Section 643(b) of the Internal Revenue Code, shall be allocated to principal.

Despite any provision of this Trust to the contrary, the Trust shall not accept, hold, or invest or reinvest in, any common trust fund unless it is a common trust fund to which Section 584 of the Internal Revenue Code applies.

7. Distribution of Remainder Interest.

(a) Upon the termination of an income interest, an amount equal to the value of the remainder interest in the property upon which the income interest was based shall be severed from the Trust and transferred to the University. The value of the remainder interest for such purpose shall be its value as of the date of the last regular payment made before the beneficiary's death.

(b) The instrument of transfer by the donor may include a statement of his intention or a direction as to the purposes for which the property is to be used by the University. Any such statement or direction shall be reviewed by the Trustees of the Trust and the transfer shall not be accepted unless such purposes are in furtherance of the charitable purposes of the University. If it is not possible for the University to use such property for the specified purpose, then such property shall be used for the general purposes of the University.

8. Maintenance of Trust - Trusteeship.

(a) The Trust has been created and will always be maintained by the University, and the Trustees shall be subject to the control of the University. The University may remove any one or more of the Trustees at any time without cause, and in case of such removal or other vacancy in the Trusteeship, the University shall designate one or more successor Trustees.

(b) No donor to the Trust or beneficiary of an income interest in the Trust shall be eligible to serve as Trustee, and no donor or beneficiary shall exercise any responsibilities, directly or indirectly, with respect to the Trust which would ordinarily be exercised by a Trustee.

(c) All expenses of operating the Trust, including any compensation payable to the Trustees, and all other costs and expenses, will be paid from the Trust.

9. Administrative Powers.

(a) Subject to the provisions of paragraph 10 and the rules and regulations applicable to pooled income funds as defined in Section 642(c)(5) of the Internal Revenue Code, the Trustees shall have full and complete power

November 4, 1983 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY
POOLED INCOME FUND IV (contd)

and authority to administer the property in the Trust, including the power to retain, sell, assign, transfer, exchange, mortgage, pledge, contract with respect to, and in any manner dispose of any or all of the property; to lease property, including leases for terms extending beyond the period of the Trust; to execute any instruments or writings incidental to the exercise of their powers; to exercise any voting, subscription and other rights and privileges incidental to securities; and to cause securities to be registered in the name of a nominee. The Trustees are given broad discretion in the investment of funds, including the authority to invest in all types of securities - other than tax exempt securities, see paragraph 2(b) - and other classes of property deemed to be in the best interests of the beneficiaries and the University. No person dealing with the Trustees shall be under a duty to see to the application of the proceeds of any transaction, and the execution of any instrument or paper by the Trustees shall be conclusive evidence to those dealing with them of their power so to act.

(b) The Trustees may consult with the managers and investment advisers holding the general endowment funds of the University, and may make use of University services in connection with purchases and sales of securities and other properties. It is intended, however, that this Trust shall at all times be maintained as a separate investment account operated by the Trustees. Detailed accounting records shall be maintained at all times, specifically identifying the assets included in the Trust and the income earned by such assets.

10. Federal Tax Requirements. The following specific prohibitions shall apply to the Trust, as a split-interest trust within the meaning of Section 4947(b) of the Internal Revenue Code:

(a) The Trustees shall not engage in any act of self-dealing as defined in Section 4941(d) of the Code.

(b) The Trustees shall not retain any excess business holdings as defined in Section 4943(c) of the Code.

(c) The Trustees shall not make any investment in such manner as to subject the Trust to tax under Section 4944 of the Code.

(d) The Trustees shall not make any taxable expenditures as defined in Section 4945(d) of the Code.

11. Duration of Trust - Amendments.

(a) The Trust shall remain in existence as long as any life income interests are outstanding, and thereafter until all property in the Trust has been transferred to the University.

(b) This Agreement shall be irrevocable and shall not be subject to amendment except to comply with Section 642(c)(5) of the Internal Revenue Code and the regulations thereunder, or corresponding provisions of any subsequent federal tax law or regulations.

November 4, 1983 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY
POOLED INCOME FUND IV (cont'd)

Executed by the undersigned Trustees as of the date first written above.

TRUSTEES:

Thomas J. Kolda

James R. McCoy

James L. Nichols

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PERSONNEL ACTIONS

Resolution No. 84-52

Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Appointment, Reappointment of Department Acting Chairperson, Medical Staff--Appointments, Medical Staff--Reappointments, and Professional Improvement Leaves--Change of Dates are recommended for approval.

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the October 7, 1983 meeting of the Board, including the following Appointment, Reappointment of Department Acting Chairperson, Medical Staff--Appointments, Medical Staff--Reappointments, and Professional Improvement Leaves--Change of Dates as detailed in the University Budget, be approved.

Appointment

Name:	J. MICHAEL SPROTT
Title:	Director
Office:	Cooperative Extension Service
Effective:	January 1, 1984
Salary:	\$69,000.00
Present Position:	Dean and Director, Alabama Cooperative Extension Service, Auburn University, Alabama

Reappointment of Department Acting Chairperson

July 1, 1983 through June 30, 1984

Computer and Information Science

Stuart H. Zweben

November 4, 1983 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Medical Staff--Appointments

Effective July 1, 1983

Stephen E. Feinberg, D.D.S.

Attending Staff in Oral and Maxillofacial Surgery; Assistant Professor

Karamullah Pathan, M.D.

Limited Staff in Surgery (Urology); Clinical Instructor H.S.

Donald W. Trepashko, M.D.

Limited Staff in Surgery (Urology); Clinical Instructor H.S.

Effective August 1, 1983

Robert R. Evans, M.D.

Attending Staff in Anesthesiology; Assistant Professor

Seth M. Kantor, M.D.

Attending Staff in Medicine (Rheumatology); Assistant Professor

Deborah J. Kennedy, M.D.

Courtesy Staff in Ob-Gyn; Clinical Instructor H.S.

Effective August 15, 1983

Charles G. Brown, M.D.

Attending Staff in Emergency Medicine; Assistant Professor

Daniel Lee Coury, M.D.

Attending Staff in Pediatrics; Assistant Professor

Nancy Beth Hansen, M.D.

Attending Staff in Pediatrics; Assistant Professor

Effective September 1, 1983

Deborah J. Dehring, M.D.

Transfer from Limited Staff in Anesthesiology to Attending Staff in Anesthesiology; Instructor

Leslie A. Friedman, M.D.

Courtesy Staff in Neurology; Clinical Instructor

Barry S. George, M.D.

Limited Staff in Medicine (Cardiology Fellow); Clinical Instructor H.S.

Carl A. Minning, Jr., M.D.

Courtesy Staff in Ophthalmology; Clinical Assistant Professor

James Michael Moser, M.D.

Attending Staff in Preventive Medicine and Emergency Medicine; Assistant Professor

Barry G. Segal, M.D.

Limited Staff in Family Medicine; Clinical Instructor H.S.

Effective September 26, 1983

Norman Douglas Baker, M.D.

Limited Staff in Ophthalmology; Clinical Instructor H.S.

November 4, 1983 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Medical Staff--Appointments (contd)

Effective October 1, 1983

Chester Osborn, M.D.

Courtesy Staff in Thoracic and Cardiovascular Surgery; Clinical
Assistant Professor

Medical Staff--Reappointments

Effective July 1, 1983

Phillip D. Jeffers, M.D.

Courtesy Staff in Orthopedic Surgery

Donald Lewis, M.D.

Courtesy Staff in Ophthalmology

Walter A. Thomas, M.D.

Courtesy Staff in Ob-Gyn

Effective August 1, 1983

Caryl Heaton, D.O.

Attending Staff in Family Medicine

Professional Improvement Leaves--Change of Dates

ANN K. BLOMBACH, Assistant Professor, School of Music, change
from Autumn Quarter 1984, Winter Quarter and Spring Quarter 1985
to Autumn Quarter 1985, Winter Quarter and Spring Quarter 1986.

BEVERLY G. SEATON, Assistant Professor, Department of English
(Newark), change from Autumn Quarter 1984 and Winter Quarter
1985 to Winter Quarter and Spring Quarter 1985.

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

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RESOLUTIONS IN MEMORIAM

Resolution No. 84-53

Synopsis: Resolutions honoring the service of three of the University's faculty
members who have recently died are being 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.

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

November 4, 1983 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Alfred B. Devereaux

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on September 20, 1983, of Alfred B. Devereaux, Professor Emeritus in the Department of Engineering Graphics.

Alfred B. Devereaux was born February 2, 1903, in Mechanicville, New York. He received the B.S. degree from the United States Military Academy in 1925. He served as an Instructor in various Garrison and Troop Schools in the United States Army. Professor Devereaux served as Assistant Professor of Military Science & Tactics at Cornell University from 1936 to 1940. His World War II duties included service in the European Theater of Operations and a term as Director of Field Artillery Training at Fort Bragg, North Carolina. His decorations included the Bronze Star and the Legion of Merit. From 1951 to 1955 he served as Professor, Military Science and Tactics, at The Ohio State University. He retired from the U. S. Army at the rank of Colonel and joined the Department of Engineering Graphics in 1956 as an Instructor. In 1958 he was promoted to Assistant Professor and served in that capacity until his retirement from The Ohio State University in 1973.

Professor Devereaux concentrated his efforts on teaching and provided improvements in Engineering Graphics instruction through course development. He had excellent rapport with students and was an effective and conscientious teacher.

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.

Jean R. Geisman

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on September 30, 1983, of Jean R. Geisman, Professor and Assistant Chairman in the Department of Horticulture.

Jean R. Geisman was born in Ohio City, Ohio in March 1933. He attended The Ohio State University, receiving the B.S. (1955), M.S. (1956), and Ph.D. (1958) degrees in horticulture, specializing in food technology. He joined the faculty of the Department of Horticulture in 1958 as an assistant professor. He was promoted to associate professor in 1963, professor in 1967, and assistant chairman in 1980. In 1961, he conducted post-doctoral research at the Oak Ridge Institute of Nuclear Studies. During his 25 years on the horticulture faculty, Dr. Geisman taught many undergraduate and graduate courses in food processing and related areas, served as an advisor for a number of M.S. and Ph.D. graduate candidates, worked with many OSU student organizations and University committees, and achieved wide recognition for his research with vegetables for processing. A committed and popular teacher, he served as advisor for the University Fruit and Vegetable Society, Phi Eta Sigma and Alpha Lambda Delta (freshman honorary societies), and was assistant advisor to the OSU Food Technology Club. He served a number of years as chairman of

November 4, 1983 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Jean R. Geisman (contd)

the Department of Horticulture Graduate Committee. Professor Geisman conducted research with fermentation of selected vegetable crops. He was widely recognized for his research on waste utilization and disposal of waste from the food processing industry. He developed techniques for reuse of spent brine from the pickling industry and utilization of tomato seed protein.

Dr. Geisman published widely and was a member of many professional organizations. He was a co-founder of the Buckeye Chapter of Phi Tau Sigma. He held memberships in the Institute of Food Technologists, American Society of Horticultural Science, Institute of Sanitation Management, Alpha Zeta, Gamma Sigma Delta, and had served in many offices in the Ohio Valley Institute of Food Technologists. He served on a number of national and regional educational, research, and industry committees during his career. At the time of his death, he was chairman of the OSU Radiation Safety Committee, member of the Graduate Council and its curriculum committee, and on the College of Agriculture Patent Advisory and Faculty Government Committees. He had served in leadership positions on a number of other University and College of Agriculture committees in past years. Among the honors he had received were the Distinguished Service Award from the Ohio Program National Junior Horticulture Association and in 1982, the Distinguished Teaching Award from Gamma Sigma Delta. He was listed in Who's Who in American Men & Women in Science.

On behalf of the University, the Board of Trustees expresses to the family its deepest 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.

Doris Tupps

The Board of Trustees of The Ohio State University expresses their sorrow at the death on October 2, 1983 of Doris Tupps, Assistant Professor Emeritus in the Cooperative Extension Service.

Mrs. Tupps was born September 13, 1916 in Farmer, Ohio. She received her bachelor of science degree in home economics from The Ohio State University in 1938. She then taught vocational home economics from 1938 until September 1941. She joined the Cooperative Extension Service on October 1, 1941 as the home demonstration agent in Henry County. On January 1, 1949 she transferred to Gallia County as the home demonstration agent. On October 1, 1958 she became the County Extension Agent, Home Economics in Crawford County; the position she held until her retirement on April 30, 1975. While employed in Crawford County she earned the master of science degree in home economics from Ohio University in 1970.

On behalf of the University community, the Board of Trustees expresses its deepest sympathy. 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 sincere appreciation of the Board's realization of the loss that the family, the University and her many friends and associates have sustained.

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November 4, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

Resolution No. 84-54

Synopsis: The reports on contracts, grants, and gifts and the summary for September, 1983 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, and The Ohio State University Development Fund during the month of September 1983, be approved.

Upon motion of Mr. Redman, seconded by Mr. Immke, the foregoing resolution was adopted by the Board of Trustees by unanimous voice vote.

SUMMARY FOR SEPTEMBER 1983

Source	No. of Projects	Support Level
The Ohio State University Research Foundation	73	\$4,787,008.57
Engineering Experiment Station	45	\$ 740,330.00
		\$5,527,338.57

November 4, 1983 meeting, Board of Trustees

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

SUMMARY FOR SEPTEMBER 1983 (contd)

The Ohio State University Development Fund
Establishment of Named Funds

The Mr. and Mrs. Warren Weiler Scholarship Fund in Agricultural Education (Undergraduate scholarships - College of Agriculture - Depart- ment of Agricultural Education)	\$17,000.00
The Clyde and Crystal Beougher Endowed Scholarship in Agricultural Education (Undergraduate scholarships - College of Agriculture - Depart- ment of Agricultural Education)	\$ 5,100.00
The Kimberly Sue Voress Memorial Scholarship Fund (College of Home Economics - Department of Home Economics Education)	\$ 5,000.00

Report from the Presidents Club

Members to date	4,627
1983 members: year to date	100
New members - September 1983	12

New Presidents Club Members - September 1983

Christopher M. Copeland	Edwin W. Sankey
Martha D. Denman	Martin P. Sayers
(Mrs. Richard J.)	James T. Share
Frank W. Hance	Vicki Lee Share
William W. Jenkins	(Mrs. James T.)
Frank E. Pulskamp	Holly A. Taylor
Stephen F. Sammons	J. L. Trador

November 4, 1983 meeting, Board of Trustees

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

FIRST QUARTER SUMMARY

July 1, 1983 through September 30, 1983

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Sponsor	No. of Awards	Amount of Support
FEDERAL		
National Aeronautics and Space Administration	9	\$ 303,154.00
National Science Foundation	24	1,582,117.00
Department of Defense	14	642,633.00
Department of Energy	4	941,500.00
Department of Education	10	1,047,181.00
Department of Health and Human Services	45	5,745,707.00
Other Federal	23	2,776,947.00
TOTAL - FEDERAL	129	\$13,039,239.00
STATE OF OHIO	23	\$ 585,790.32
INDUSTRIAL	23	\$ 1,044,070.24
OTHER NON-FEDERAL	48	\$ 1,695,577.24
GRAND TOTAL	223	\$16,364,676.80

November 4, 1983 meeting, Board of Trustees

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

FIRST QUARTER SUMMARY

July 1, 1983 through September 30, 1983

ENGINEERING EXPERIMENT STATION

Sponsor	No. of Awards	Amount of Support
STATE OF OHIO	1	\$ 592.00
INDUSTRIAL AND OTHER	114	\$1,175,987.00
TOTALS	115	\$1,176,579.00

November 4, 1983 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Report - September 1983

Federal Research Contracts/Grants

\$1,264,475.00 - Department of Labor, Employment and Training Administration, Washington, D. C., National Longitudinal Studies of Labor Force Behavior, Academic Affairs Administration (K. I. Wolpin), 1 October 1983 through 30 September 1984 (Project 760081 - Continuation)

\$574,859.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Spinal Cord Injury Research Center, Department of Surgery (W. E. Hunt and M. S. Beattie), Department of Physiology (B. T. Stokes), Department of Physiological Chemistry (L. A. Horrocks), Department of Pathology (A. J. Yates) and Department of Anatomy (J. C. Bresnahan and G. F. Martin), 1 September 1983 through 31 August 1984. (Project 763358 - Continuation)

\$344,800.00 - Department of Education, Office of Educational Research and Improvement, Washington, D. C., ERIC Clearinghouse on Adult, Career, and Vocational Education, The National Center for Research in Vocational Education (R. E. Taylor), 14 September 1983 through 13 September 1984. (Project 762872 - Continuation)

\$159,346.00 - Environmental Protection Agency, Washington, D. C., Legionella pneumophila Differences in Strain Virulence, Department of Medicine (J. F. Plouffe and M. F. Para), 8 August 1983 through 7 August 1985. (Project 763790 - New)

\$150,000.00 - Department of Energy, Morgantown Energy Technology Center, Morgantown, West Virginia, Development of a Generalized Hydraulic Fracture Model, Department of Engineering Mechanics (S. H. Advani and J. K. Lee), 1 November 1983 through 31 October 1986. (Project 763827 - New)

\$100,166.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Ion Transport by Heart Mitochondria, Department of Physiological Chemistry (G. P. Brierley), 1 September 1983 through 31 August 1984. (Project 760026 - Continuation)

\$99,125.00 - Department of Education, Office of Bilingual Education and Minority Language Affairs, Washington, D. C., Training Project for Teachers of Indochinese Children, Leading to an M.A. in Education with a Specialty in Bilingual/Multicultural Education, Department of Educational Theory and Practice (V. G. Allen and C. R. Williams), 1 September 1983 through 31 August 1984. (Project 763792 - 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)

\$97,730.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, The Development of Precerebellar Nuclei, Department of Anatomy (J. S. King), 1 September 1983 through 31 August 1984. (Project 760045 - Continuation)

\$84,874.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Intestinal Secretion Neurochemical Receptor Mechanisms, College of Pharmacy (L. J. Wallace), 1 September 1983 through 31 August 1984. (Project 761266 - Continuation)

\$82,466.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, Discrete Control Modeling of Computer-Aided Control of Strongly Interactive Systems, Department of Industrial and Systems Engineering (R. A. Miller) and Department of Psychology (R. J. Jagacinski), 1 October 1983 through 30 September 1984. (Project 763264 - Continuation)

\$77,446.00 - Department of Agriculture, Science and Education, Arlington, Virginia, Control of Insect Populations by Regulation of Dormancy, Department of Entomology (D. L. Denlinger), 1 September 1983 through 31 August 1985. (Project 763774 - Continuation)

\$68,498.00 - Department of the Navy, Office of Naval Research, Washington, D. C., Advance Topics in Adaptive Arrays, Department of Electrical Engineering, ElectroScience Laboratory (R. T. Compton), 1 August 1983 through 31 July 1984. (Project 763784 - New)

\$63,306.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Biomedical Research Support Grant, College of Medicine - Administration (M. Tzagournis), 1 April 1983 through 31 March 1984. (Project 761078 - Continuation)

\$62,094.00 - Department of Transportation, Washington, D. C., Control Strategies for Combining Route Guidance and Signalization, Department of Electrical Engineering (U. Ozguner), 15 September 1983 through 14 April 1985. (Project 763811 - New)

\$56,684.00 - Department of Housing and Urban Development, Washington, D. C., Pricing and Insuring Mortgages, Academic Faculty of Finance (P. H. Hendershott and S. A. Buser), 1 July 1983 through 15 February 1984. (Project 763508 - Continuation)

\$55,000.00 - Department of Housing and Urban Development, Washington, D. C., Indefinite Quantity Contract for Housing Finance Research, Academic Faculty of Finance (R. L. Racster), 23 September 1983 through 24 February 1984. (Project 763508 - Continuation)

November 4, 1983 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$49,988.00 - Department of the Army, Army Material Development and Readiness Command, Redstone Arsenal, Alabama, Radar Cross Section (RCS) Prediction Code Development and Modification, Department of Electrical Engineering, ElectroScience Laboratory (R. J. Marhefka), 1 October 1983 through 30 September 1984. (Project 763828 - New)

\$45,696.00 - Department of Education, Office of Educational Research and Improvements, Washington, D. C., Analysis Study of NCES Longitudinal Studies Data--Transition to Postsecondary Education, The National Center for Research and Vocational Education (R. E. Taylor), 1 October 1983 through 30 September 1984. (Project 763818 - New)

\$38,427.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Biomedical Research Support Grant, Graduate School Administration (J. B. LaPidus), 1 August 1983 through 31 March 1984. (Project 764748 - Continuation)

\$35,394.00 - National Aeronautics and Space Administration, Jet Propulsion Laboratory, Pasadena, California, A Study of the Meteorological Factors in Earth Satellite Propagation, Department of Electrical Engineering, ElectroScience Laboratory (C. A. Levis), 1 April 1983 through 30 June 1983. (Project 762612 - Continuation)

\$32,390.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Tissue Selectivity of 5-Fluorouracil Prodrugs, College of Pharmacy (J. Au), 1 September 1983 through 29 February 1984. (Project 763786 - New)

\$29,000.00 - Department of Transportation, National Highway Traffic and Safety Administration, East Liberty, Ohio, Accident Head Impact Reconstruction, Department of Mechanical Engineering (D. A. Guenther), 1 October 1983 through 30 September 1984. (Project 763816 - New)

\$27,048.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, Analysis of the Scattering from an Inlet Geometry with Lossy Walls, Department of Electrical Engineering, ElectroScience Laboratory (P. H. Pathak), 25 September 1983 through 31 March 1984. (Project 763822 - New)

\$27,000.00 - Department of Agriculture, Forest Service, Portland, Oregon, Risk Evaluation for Landslides after Timber Harvest, Department of Civil Engineering (T. H. Wu), 1 September 1983 through 31 August 1984. (Project 763809 - Continuation)

November 4, 1983 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$25,022.00 - Department of Health and Human Services, Office of Human Development Services, Administration for Children, Youth and Families, Chicago, Illinois, Child Welfare Traineeships, College of Social Work (M. T. Taris), 1 September 1983 through 31 August 1984. (Project 763817 - Continuation)

\$25,000.00 - National Science Foundation, Washington, D. C., The Role of Idealization and Approximation in the Development and Testing of Scientific Theories, Department of Philosophy (R. E. Laymon), 1 January 1984 through 31 December 1984. (Project 763819 - New)

\$19,236.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Immunobiology of Boronated Monoclonal Antibodies, Department of Pathology (R. F. Barth and C. W. Johnson), 1 October 1983 through 30 September 1984. (Project 762893 - Continuation)

\$18,303.00 - Department of Transportation, National Highway Traffic and Safety Administration, East Liberty, Ohio, Pedestrian Impact Quantification and Human Trauma Correlation, Department of Mechanical Engineering (R. L. Stalnaker), 1 July 1983 through 31 January 1984. (Project 763465 - Continuation)

\$15,661.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Biomedical Research Support Grant, College of Pharmacy (A. H. Soloway), 1 August 1983 through 31 March 1984. (Project 760661 - Continuation)

\$15,000.00 - Department of Energy, Argonne, Illinois, University Reactor Sharing Program, Engineering Experiment Station (B. K. Hajek), 1 September 1983 through 31 August 1984. (Project 762411 - Continuation)

\$15,000.00 - Department of the Air Force, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio, Human Joint Articulation and Motion Resistive Properties, Department of Engineering Mechanics (A. E. Engin), 13 September 1983 through 30 September 1983. (Project 763802 - Continuation)

\$12,325.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Topographic Probability Mapping of Aortic Atherosclerosis, Department of Surgery (J. F. Cornhill), 31 August 1983 through 29 February 1984. (Project 763813 - New)

\$10,188.00 - National Foundation for the Arts and Humanities, National Endowment for the Humanities, Washington, D. C., The Teaching of Classical Civilizations--A Summer Institute for College Teachers, Department of Classics (M. P. Morford), 1 January 1984 through 30 June 1984. (Project 763416 - Continuation)

November 4, 1983 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$10,000.00 - National Aeronautics and Space Administration, Jet Propulsion Laboratory, Pasadena, California, Support of the NASA Propagation Studies and Measurement Program, Department of Electrical Engineering, ElectroScience Laboratory (C. A. Levis and E. K. Damon), 1 September 1983 through 30 September 1983. (Project 763692 - Continuation)

\$8,292.00 - Department of Health and Human Services, Public Health Service, Health Resources and Services Administration, Rockville, Maryland, National Research Service Award, School of Health, Physical Education, and Recreation (R. L. Bartels and B. A. Smith), 15 September 1983 through 14 September 1984. (Project 763806 - New)

\$4,892.00 - Department of the Navy, Naval Shipyard Training Command, Portsmouth, Virginia, DACUM Occupational Analysis of the Fabric Worker Trade and DACUM Facilitation Training Program, The National Center for Research in Vocational Education (R. E. Taylor), 15 September 1983 through 15 December 1983. (Project 763812 - New)

\$3,496.00 - Environmental Protection Agency, Cincinnati, Ohio, Field Verification of Methane Movement Functions and Methane Control Systems for Landfill, Department of Civil Engineering (C. A. Moore), 1 September 1983 through 31 October 1983. (Project 761848 - Continuation)

\$1,500.00 - Department of Energy, Federal Energy Regulatory Commission, Washington, D. C., NRRRI Technical Assistance to FERC to Install the CERES Computer, National Regulatory Research Institute (D. N. Jones), 19 September 1983 through 30 September 1983. (Project 763825 - New)

\$1,415.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, In Vivo Release of Transformed Cell-Specific Proteins, Department of Physiological Chemistry and Cancer Research Center (T. E. Webb) and Department of Physiological Chemistry (D. E. Schumm), 1 June 1983 through 31 May 1984. (Project 763071 - Continuation)

\$1,040.00 - Tennessee Valley Authority, Golden Pond, Kentucky, Participation in Academic Enrichment Program, School of Natural Resources (R. E. Roth), 5 September 1983 through 23 December 1983. (Project 763788 - New)

\$845.00 - Tennessee Valley Authority, Golden Pond, Kentucky, Participation in Academic Enrichment Program, School of Natural Resources (R. E. Roth), 29 August 1983 through 25 November 1983. (Project 763789 - New)

TOTAL - FEDERAL AWARDS

\$3,813,027.00

November 4, 1983 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

\$104,619.00 - State of Ohio, Ohio Air Quality Development Authority, Columbus, Ohio, Sources of Soil, Surface Water and Precipitation Acidity and Related Effects on Soil, Plant Growth and Microorganism Activity, Laboratory for Environmental Science - OARDC (T. C. Weidensaul), 1 September 1983 through 31 August 1984. (Project 763273 - Continuation)

\$39,044.00 - State of Ohio, Ohio Department of Health, Columbus, Ohio, Comprehensive Adult Hemophilia Clinic, Department of Medicine (S. P. Balcerzak), 1 July 1983 through 30 June 1984. (Project 762760 - Continuation)

\$38,130.00 - State of Ohio, Ohio Water Development Authority, Columbus, Ohio, Alternative Manure Systems for Large Swine Facilities, Department of Agricultural Engineering (R. K. White) and Department of Agricultural Economics and Rural Sociology (D. Southgate), 1 September 1983 through 30 November 1984. (Project 763791 - New)

\$17,000.00 - State of Ohio, Ohio Arts Council, Columbus, Ohio, Public Film/Video Exhibition in Columbus 1982-83, Department of Photography and Cinema (J. R. Green), 1 July 1983 through 30 June 1984. (Project 763254 - Continuation)

\$16,170.00 - State of Ohio, Department of Mental Health, Columbus, Ohio, Graduate Training Program in Social Work, College of Social Work (M. T. Tavis), 1 July 1983 through 30 June 1984. (Project 762864 - Continuation)

\$3,000.00 - State of Ohio, Ohio Arts Council, Columbus, Ohio, Mershon Auditorium Great Artist Series and Special Events, Mershon Auditorium (T. M. Van Leer), 18 October 1983 through 10 April 1984. (Project 763803 - New)

\$1,667.00 - State of Ohio, Ohio Arts Council, Columbus, Ohio, Ohio Journal, Department of English (W. W. Allen), 1 July 1983 through 30 June 1984. (Project 763815 - New)

\$1,588.00 - State of Ohio, Ohio Arts Council, Columbus, Ohio, Poetry Ohio: An Anthology of Ohio Poems, Marion Campus and Department of English (D. J. Citino), 1 September 1983 through 30 June 1984. (Project 763799 - New)

\$675.00 - State of Ohio, Ohio Arts Council/Ohio Humanities Council, Columbus, Ohio, TV Public Service Announcements, "Creative People Make a Difference", City and Regional Planning (L. C. Gerckens), 1 July 1983 through 30 June 1984. (Project 763726 - Continuation)

TOTAL - STATE OF OHIO AWARDS

\$ 221,893.00

November 4, 1983 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial Research Contracts/Grants

\$111,888.00 - Monsanto Company, St. Louis, Missouri, Responses of Lactating Dairy Cows to Polychlorinated Biphenyls, Department of Dairy Science - OARDC (L. B. Willett), 26 August 1983 through 25 August 1984. (Project 763767 - New)

\$84,057.00 - Westinghouse Electric Corporation, Baltimore, Maryland, Research in Transient Response Scattering of Antennas, Department of Electrical Engineering, ElectroScience Laboratory (J. D. Young), 1 May 1983 through 31 December 1983. (Project 763607 - New)

\$50,000.00 - E-Systems Corporation, Falls Church, Virginia, Small Array Phase Study, Department of Electrical Engineering, ElectroScience Laboratory (E. H. Newman), 1 August 1983 through 31 December 1983. (Project 763824 - New)

\$20,000.00 - The Upjohn Company, Kalamazoo, Michigan, Effect of Clindamycin on the Purine Metabolism of Sensitive and Resistant Staphylococcus aureus, Department of Medical Microbiology and Immunology (D. J. Pollack), 1 September 1983 through 31 August 1984. (Project 763787 - New)

\$19,575.00 - Bristol Laboratories, Syracuse, New York, A Double-Blind Comparison of Butorphanol and Fentanyl in Balanced Anesthesia, Department of Anesthesiology (J. S. McDonald), 1 August 1983 through 31 January 1984. (Project 763798 - New)

\$16,588.28 - A. H. Robins Company, Richmond, Virginia, Comparison of the α -Adrenergic Blocking Activity of Lenperone and Acetylpromazine Maleate in the Halothane Anesthetized Dog, Department of Veterinary Clinical Sciences (W. W. Muir), 1 October 1983 through 31 December 1983. (Project 763793 - New)

\$10,000.00 - Adria Laboratories, Inc., Columbus, Ohio, Synthesis of Twenty Grams of Racemic 4-Demethoxydaunomycinone, Department of Chemistry (J. S. Swenton), 1 September 1983 through 31 December 1983. (Project 763785 - New)

\$3,400.00 - International Training and Education Company, Framingham, Massachusetts, Inresident/Fellowship/Training and Assistance for Academic Program for Mr. Jaber Al-Essa, Jubail Human Resources Development, The National Center for Research in Vocational Education (R. E. Taylor), 1 September 1983 through 30 November 1983. (Project 763633 - Continuation)

TOTAL - INDUSTRIAL AWARDS

\$ 315,508.28

November 4, 1983 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

\$90,583.00 - University of Michigan, Ann Arbor, Michigan, Genes on Mitochondrial DNA, Department of Genetics (P. S. Perlman), 1 September 1983 through 31 August 1984. (Project 761294 - Continuation)

\$89,154.00 - National Council of Teachers of Mathematics, Reston, Virginia, National Association Tenure, Department of Educational Theory and Practice (F. J. Crosswhite), 1 October 1983 through 30 June 1986. (Project 763814 - New)

\$45,657.29 - National Association of Regulatory Utility Commissioners, Washington, D. C., NARUC State Member Support of the NRRI through Regularized State-Provided Contributions, National Regulatory Research Institute (D. N. Jones), 1 July 1983 through 30 June 1984. (Project 763289 - Continuation)

\$30,888.00 - Commonwealth of Pennsylvania, Department of Education, Harrisburg, Pennsylvania, Consortium for the Development of Professional Materials for Vocational Education, The National Center for Research in Vocational Education (R. E. Taylor), 1 September 1983 through 30 June 1984. (Project 763795 - Continuation)

\$30,888.00 - Southern Illinois University, Carbondale, Illinois, Consortium for the Development of Professional Materials for Vocational Education, The National Center for Research in Vocational Education (R. E. Taylor), 1 September 1983 through 31 August 1984. (Project 763800 - Continuation)

\$30,200.00 - W. K. Kellogg Foundation, Battle Creek, Michigan, Interprofessional Development of Clinical and Continuing Education by the Commission on Interprofessional Education and Practice, Department of Policies and Leadership (L. Cunningham), 15 September 1983 through 30 September 1983. (Project 762825 - Continuation)

\$19,189.00 - Singapore Government, Singapore, Technical Support for the Educational Management Information System (EMIS) of the Singapore Vocational and Industrial Training Board, The National Center for Research in Vocational Education (R. E. Taylor), 1 November 1983 through 31 January 1984. (Project 763804 - New)

\$18,096.00 - Columbus Department of Finance, Columbus, Ohio, Quality of Working Life Demonstration Effort, Department of Communication (D. M. Ronchi), 1 July 1983 through 30 June 1984. (Project 760790 - Continuation)

November 4, 1983 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)

\$17,357.00 - Ohio Cancer Research Associates, Columbus, Ohio, Effects of a Bicycle Ergometer Program in Functional Status of Women with Breast Cancer, School of Health, Physical Education, and Recreation (R. L. Bartels and M. L. Winningham) and College of Nursing (M. G. MacVicar), 1 September 1983 through 31 August 1984. (Project 763810 - New)

\$16,408.00 - Battelle Memorial Institute, Columbus, Ohio, Experimental and Analytical Studies of the Thermal Aspects of Deep Geological Disposal of Commercial Nuclear Wastes, Department of Mechanical Engineering (R. N. Christensen), 1 August 1983 through 30 September 1983. (Project 761731 - Continuation)

\$15,760.00 - Arthritis Foundation of Central Ohio, Columbus, Ohio, Immunoregulation and Autoimmunity, Department of Medicine (R. L. Whisler), 1 April 1983 through 31 March 1984. (Project 760620 - Continuation)

\$15,188.00 - San Jose State University, San Jose, California, Theoretical Analysis of the Temperature Dependence of Bandgap and Impurity-band Characteristics in Semiconductor Materials, Department of Physics (L. C. Brown), 20 June 1983 through 30 September 1983. (Project 763781 - Continuation)

\$10,000.00 - W. K. Kellogg Foundation, Battle Creek, Michigan, Health Professions Self-Assessment, Department of Educational Theory and Practice (A. G. D'Costa), 1 September 1983 through 31 December 1983. (Project 763801 - New)

\$3,763.00 - Singapore Government, Singapore, Resource Person for VITB Singapore, The National Center for Research in Vocational Education (R. E. Taylor), 1 September 1983 through 31 October 1983. (Project 763805 - New)

\$3,449.00 - American Society of Hospital Pharmacists, Washington, D. C., Predicting the Formulary Decision-Making of Pharmacy and Therapeutics Committee Members, College of Pharmacy (R. Segal and D. S. Pathak), 1 October 1983 through 30 September 1984. (Project 763808 - New)

TOTAL - OTHER NON-FEDERAL AWARDS

\$ 436,580.29

ENGINEERING EXPERIMENT STATION

State Sponsored Research and Development

\$592.00 - State of Ohio, Transportation Research Center, East Liberty, Ohio, "Engineering Data Analysis", Department of Industrial and Systems Engineering, 1 July 1983 through 30 June 1984. (312690)

November 4, 1983 meeting, Board of Trustees

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

ENGINEERING EXPERIMENT STATION (contd)

Industrial and Other Sponsored Research and Development

\$405,404.00 - from various industry sources contributing \$30,000 each for the continuing "Center for Welding Research" program, Department of Welding Engineering, 1 August 1983 through 31 July 1984. (529090)

\$85,313.00 - AVCO Lycoming Division, Stratford, Connecticut, "An Investigation of the LASPOT Process", Department of Welding Engineering, 1 October 1983 through 30 September 1984. (529639)

\$53,762.00 - GTE Products Corporation, Reidsville, North Carolina, "Laser Welding in the Production of Clad Pipe and Tubing", Department of Welding Engineering, 1 October 1983 through 30 June 1984. (529641)

\$49,000.00 - Systems Engineering, Worthington, Ohio, for Extension 1 of "Computer Simulation of Vehicular Crashes", Department of Mechanical Engineering, 1 October 1983 through 30 June 1984. (529633)

\$38,111.00 - City of Columbus, Ohio, "Revised Operating Policies for Alum Creek to Hoover Reservoir Pumped Water Intertie", Department of Civil Engineering, 1 October 1983 through 30 June 1984. (529640)

\$30,000.00 - General Motors, Detroit, Michigan, "Polymer Engineering Research Program (PERP)", Department of Chemical Engineering, 23 August 1983 through 1 May 1984. (529638)

\$20,000.00 - The Ohio State University Office of Physical Facilities for Extension 14 of "A Study of Energy Conservation for University Buildings (Program 4244)", Department of Mechanical Engineering, 11 October 1983 through 30 December 1983. (529008)

\$3,516.00 - ANACONDA American Brass, Rolling Meadows, Illinois, for Extension 1 of "Phase I: Laser Welding of Copper Alloys", Department of Welding Engineering, 1 April 1983 through 30 September 1983. (529630)

\$1,100.00 - American Society of Civil Engineers, New York, New York, "Survey of Educational Needs in Public Work Administration", Department of Civil Engineering, 1 October 1983 through 30 June 1984. (529637)

\$53,532.00 - from 29 sponsors for 35 development projects under the direction of six departments of the College of Engineering.

TOTAL - INDUSTRIAL AND OTHER SPONSORED RESEARCH \$ 739,738.00

November 4, 1983 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Report - July 1983

Gifts of \$5,000 or More

\$385,614.62	James Overstreet, Columbus, Ohio, for Overstreet Chair.
\$ 50,000.00	The Spencer Foundation, Chicago, Illinois, for Spencer Educational Scholars Fund.
\$ 38,000.00	Bremer Foundation, Youngstown, Ohio, for The Bremer Foundation Fund.
\$ 35,742.09	Louise Scott, Columbus, Ohio--\$26,806.57 for William Craig Orr & Mary Black Orr Scholarship in Medicine and \$8,935.52 for William Craig Orr & Mary Black Orr Scholarship in Pharmacy.
\$ 30,000.00	Battelle Memorial Institute, Columbus, Ohio, for Conceptual Structure Representation Languages.
\$ 25,000.00	McDonnell Douglas Corp., St. Louis, Missouri, for Department of Mechanical Engineering Support Fund.
\$ 23,547.80	Systems Association, Columbus, Ohio, for Cardiology Support Fund.
\$ 20,000.00	Charles Hoover, Columbus, Ohio, for M. R. & C. H. Hoover Memorial Fund.
\$ 19,729.03	Robert Ewing, Monroe, Michigan, for College of Medicine Progress Fund.
\$ 18,000.00	American Society Hospital Pharmaceutical Research & Educational Foundation, Bethesda, Maryland, for Nutritional Support Fellowship Fund.
\$ 16,555.00	Janssen Pharmaceuticals, New Brunswick, New Jersey, for Cardiovascular Anesthesia Research Fund.
\$ 15,724.61	University Eye Surgeons, Columbus, Ohio, for Eye Bank Fund.
\$ 14,580.67	Carl Baldwin, Columbus, Ohio, for Baldwin Eye Care.
\$ 13,500.00	Exxon Educational Foundation, New York, New York, for Exxon Graduate Fellowship in Chemical Engineering.
\$ 11,000.00	Ohio Farm Grain & Supply, Fostoria, Ohio--\$8,000.00 for Endowed Program Fund in Cooperative Business Management; \$2,500.00 for Plant Protection Endowment Fund (Professorship); and \$500.00 for Agricultural Technical Institute Scholarship Fund.

November 4, 1983 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

- \$ 10,000.00 Adria Labs, Columbus, Ohio, for Dr. J. Swenton Research.
- \$ 10,000.00 Ohio Food Processors Association, Worthington, Ohio, for Carl E. Haas Chair in Food Industries.
- \$ 10,000.00 Worthington Industries, Worthington, Ohio, for Student Athlete Grant-in-Aid Fund.
- \$ 9,401.86 Melvin Moffitt, San Antonio, Texas, for M. L. Moffitt Memorial.
- \$ 8,000.00 Dow Chemical Company Foundation, Midland, Michigan, for Dow Chemical Company Scholarship and Fellowship Fund in Chemical Engineering.
- \$ 8,000.00 Pulmonary Association, Columbus, Ohio, for Pulmonary General Fund.
- \$ 7,500.00 The Upjohn Co., Kalamazoo, Michigan, for Electropharmacology Research.
- \$ 6,612.50 American Cyanamid Co., Wayne, New Jersey, for Hematology and Cancer Research Fund.
- \$ 6,000.00 Duriron Co., Inc., Dayton, Ohio, for Mars G. Fontana Fund.
- \$ 6,000.00 National Action Council for Minorities in Engineering, Inc., New York, New York, for Affirmative Action Program in Engineering.
- \$ 5,625.00 American Lung Association of Central Ohio, Columbus, Ohio, for Pulmonary General Fund.
- \$ 5,199.31 West Virginia University Foundation, Morgantown, West Virginia, for Appalachian Basin Associates.
- \$ 5,000.00 Alcoa Foundation Educational Matching Gift Program, Pittsburgh, Pennsylvania--\$1,000.00 for Alcoa Foundation Scholarship Fund in Mechanical Engineering; \$1,000.00 for Alcoa Foundation Scholarship Fund in Metallurgical Engineering; \$1,000.00 for Alcoa Foundation Scholarship Fund in Industrial Engineering; \$1,000.00 for Alcoa Foundation Scholarship Fund in Electrical Engineering; and \$1,000.00 for Alcoa Foundation Scholarship Fund in Chemical Engineering.
- \$ 5,000.00 Jobs for American Graduates, Inc., Washington, D. C., for Center for Human Resource Research.

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

\$ 5,000.00 U. S. Steel Corp., Pittsburgh, Pennsylvania, for U. S. Steel Fellowship in Welding Engineering.

Report - August 1983

\$ 70,000.00 General Motors Foundation, Detroit, Michigan--\$16,000.00 for College of Engineering Special Fund; \$13,000.00 for Capital Campaign--Mechanical Engineering; \$8,000.00 for Capital Campaign--Industrial & Systems Engineering; \$7,000.00 for Capital Campaign--Chemical Engineering; \$6,000.00 for Engineering Mechanics Chairman's Discretionary Fund; \$6,000.00 for Capital Campaign--Welding Engineering; \$5,000.00 for Capital Campaign--Metallurgical Engineering; \$5,000.00 for Capital Campaign--Engineering Graphics; \$2,000.00 for Women Engineers--Engineering Administration; \$1,000.00 for Capital Campaign--Electrical Engineering; and \$1,000.00 for Affirmative Action Program in Engineering.

\$ 35,382.00 Wyeth Labs, Philadelphia, Pennsylvania, for Cardiovascular Pharmacology.

\$ 18,086.00 University Eye Surgeons, Inc., Columbus, Ohio, for Eye Bank Fund.

\$ 15,550.00 Burroughs Wellcome, Research Triangle Park, North Carolina, for Digoxin Research Fund.

\$ 12,000.00 Glass Packaging Institute, Washington, D. C., for Engineering Mechanics Chairman's Discretionary Fund.

\$ 10,653.00 Systems Associates, Columbus, Ohio, for Cardiology Support Fund.

\$ 10,432.00 Harold Collins, Toledo, Ohio, for The Harold E. Collins Scholarship Fund.

\$ 10,000.00 E. I. DuPont de Nemours and Company, Wilmington, Delaware, for DuPont Fund for Research in Chemical Engineering.

\$ 10,000.00 Midland-Ross Foundation, Cleveland, Ohio, for Civil Engineering Construction Operations Simulation Laboratory Fund.

\$ 9,200.00 Chemical Research Council, Trexlertown, Pennsylvania--\$7,820.00 for Council for Chemical Research Inc./Chemistry Support Fund and \$1,380.00 for Council for Chemical Research Inc./Chemical Engineering Support Fund.

November 4, 1983 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

- \$ 8,400.00 Ohio Expositions Committee, Columbus, Ohio, for Ohio 4-H Foundation Support Fund.
- \$ 8,000.00 Hoffmann-LaRoche, Nutley, New Jersey, for Oral Surgery Support Fund.
- \$ 7,000.00 Phi Beta Psi Sorority, Lima, Ohio, for Cancer Research Fund.
- \$ 5,910.00 Armco Foundation, Middletown, Ohio--\$2,800.00 for Student Athlete Grant-In-Aid Fund; \$2,010.00 for Ohio 4-H Foundation Support Fund; and \$1,100.00 for undesignated purposes.
- \$ 5,000.00 Atlantic Richfield Foundation, Los Angeles, California, for Atlantic Richfield Fund for Chemical Engineering.
- \$ 5,000.00 Dow Chemical Company Foundation, Midland, Michigan, for Dow Chemical Company Scholarship and Fellowship Fund in Chemical Engineering.
- \$ 5,000.00 Kalmbach Feeds, Inc., Upper Sandusky, Ohio, for Kalmbach Family Scholarship.
- \$ 5,000.00 Pfizer, Inc., Lees Summit, Missouri, for Pfizer Research Fellowship.
- \$ 5,000.00 Rohm & Haas Company, Philadelphia, Pennsylvania, for Rohm & Haas Chemical Engineering Fund.

Report - September 1983

- \$233,259.00 Estate of Warner M. Pomerene, Coshocton, Ohio, for Warner M. and Lora K. Pomerene Fund in Agriculture.
- \$ 72,819.00 Estate of Lora Kays Pomerene, Coshocton, Ohio, for Pomerene Chair in Medicine.
- \$ 30,000.00 General Electric Foundation, Schenectady, New York --\$20,000.00 for G. E. Young Faculty in Electric Engineering; \$5,000.00 for Affirmative Action Program in Engineering; and \$5,000.00 for College of Administrative Science Fund.
- \$ 30,000.00 Ross Labs, Columbus, Ohio--\$25,000.00 for Mastitis Research Fund and \$5,000.00 for Carl E. Haas Chair in Food Industries.
- \$ 21,060.00 Electro-Biology, Inc., Fairfield, New Jersey, for Veterinary Surgery Research.

November 4, 1983 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

- | | |
|--------------|---|
| \$ 20,000.00 | Exxon Education Foundation, New York, New York, for Geology and Mineralogy Fellowship. |
| \$ 17,980.00 | Shell Companies Foundation, Houston, Texas, for Shell Doctoral Fellowship. |
| \$ 17,500.00 | American Foundation Pharmaceutical Education, Fair Lawn, New Jersey, for American Foundation Pharmaceutical Fund. |
| \$ 16,393.00 | University Eye Surgeons, Inc., Columbus, Ohio, for Eye Bank Fund. |
| \$ 15,000.00 | Retinal Consultants of Columbus, Columbus, Ohio, for Retina Research Fund. |
| \$ 13,200.00 | National Steel Corporation, Pittsburgh, Pennsylvania, for National Steel Fellowship in Metallurgical Engineering. |
| \$ 13,024.00 | Amoco Foundation, Inc., Chicago, Illinois, for Amoco Foundation Inc. Fellowship. |
| \$ 12,300.00 | Lubrizol Foundation, Wickliffe, Ohio--\$8,500.00 for The Lubrizol Foundation Fellowship Fund for Chemical Engineering; \$2,000.00 for The Lubrizol Foundation Scholarship Fund for Chemical Engineering; \$1,200.00 for Lubrizol Foundation Scholarship--Mechanical Engineering; and \$600.00 for Lubrizol Foundation Scholarship--Mathematics. |
| \$ 10,509.00 | Ortho Pharmaceutical, Raritan, New Jersey, for Gastrointestinal Cancer Research Fund. |
| \$ 10,463.00 | Janssen Pharmaceutical, New Brunswick, New Jersey, for Cardio-Anesthesia Fund. |
| \$ 10,000.00 | Charles W. Carroll, Akron, Ohio, for History Enrichment Fund. |
| \$ 10,000.00 | Paul E. Watkins, Worthington, Ohio--\$5,000.00 for Department of History Library and \$5,000.00 for Friend of Libraries. |
| \$ 9,000.00 | Iddings Foundation, Dayton, Ohio, for Iddings Trust Scholarships. |
| \$ 8,769.00 | Westfield Company, Westfield Center, Ohio, for Ohio 4-H Foundation Support Fund. |

November 4, 1983 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

- \$ 8,218.00 Eastman Kodak Company, Rochester, New York, for Kodak Fellows Program.
- \$ 8,000.00 Central Ohio Center for Economic Education, Columbus, Ohio, for Economic Education Fund.
- \$ 8,000.00 Neurological Association, Columbus, Ohio, for Harry E. LeFever Fund for Education in Neurological Surgery.
- \$ 7,359.00 Whirlpool Corporation, Benton Harbor, Michigan, for Whirlpool Fellowship in Electrical Engineering.
- \$ 7,000.00 Kibble Foundation, Gahanna, Ohio, for Kibble Foundations Scholarship Fund.
- \$ 7,000.00 Litton Bionetics, Kensington, Maryland, for Tumor Immunology Program.
- \$ 7,000.00 Neuromuscular Disease, Columbus, Ohio, for Neuro-muscular Research.
- \$ 6,063.00 Reproduction Research Education Association, Columbus, Ohio, for Education Publications and Research--Obstetrics Fund.
- \$ 6,000.00 Distillers Feed Research Fund, Cincinnati, Ohio, for Horticulture-Processing Fund.
- \$ 5,090.00 University Renal Group, Columbus, Ohio, for Renal Disease Research Fund.
- \$ 5,000.00 Loren M. Berry Foundation, Dayton, Ohio, for undesignated purposes.
- \$ 5,000.00 Joseph H. Goodman, Powell, Ohio, for Harry E. LeFever Fund for Education in Neurological Surgery.
- \$ 5,000.00 Marathon Oil Foundation, Findlay, Ohio, for Office of Minority Affairs Scholarship Fund.
- \$ 5,000.00 The Ruffner Foundation, Bloomfield Hills, Michigan, for College of Administrative Science Fund.
- \$ 5,000.00 Estate of William J. Skou, Akron, Ohio--\$2,500.00 for W. J. Skou Scholarship Fund and \$2,500.00 for W. J. Skou Faculty Enrichment Fund.
- \$ 5,000.00 Union Oil of California, Los Angeles, California, for Union Oil Petroleum Scholarship Fund.

November 4, 1983. meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

\$ 5,000.00 Preston Wolfe, Columbus, Ohio, for Ohio 4-H Foundation Support Fund.

Gifts-in-Kind

\$400,000.00 Harold F. Zieg, Columbus, Ohio, for College of Agriculture.

\$ 23,100.00 The Hance Corporation, Westerville, Ohio, for College of Agriculture.

\$ 21,825.00 Seven Limers, Inc., Bellevue, Ohio, for College of Agriculture.

\$ 13,500.00 Michael Greenberg, Northbrook, Illinois, for College of the Arts.

\$ 13,500.00 Geri Greenberg, Northbrook, Illinois, for College of the Arts.

\$ 12,600.00 H. G. Frank, Oak Brook, Illinois, for College of the Arts.

\$ 12,600.00 Mrs. H. G. Frank, Oak Brook, Illinois, for College of the Arts.

\$ 12,600.00 Abe D. Pelunis, Shaker Heights, Ohio, for College of the Arts.

\$ 12,600.00 Mrs. Abe D. Pelunis, Shaker Heights, Ohio, for College of the Arts.

\$ 10,400.00 Micrometrics Instrument Corp., Norcross, Georgia, for Poultry Science Department.

Establishment of Named Funds

The Mr. and Mrs. Warren Weiler Scholarship Fund
in Agricultural Education

The Mr. and Mrs. Warren G. Weiler Scholarship in Agricultural Education was established as an annual scholarship in 1982. It was proposed that the scholarship be endowed by the Board of Trustees of The Ohio State University on November 4, 1983, with a generous gift from Warren G. and Josephine P. Weiler 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 the occasion dictates.

November 4, 1983 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 Mr. and Mrs. Warren Weiler Scholarship Fund
in Agricultural Education (contd)

Annually, at least \$100 of the income will be used for the support and recognition of leadership development activities. In addition, the income will be used to support undergraduate scholarships and leadership awards for worthy students enrolled in the College of Agriculture, majoring in Agricultural Education. The recipients will be selected by the Department of Agricultural Education in cooperation with the Student Financial Aids Office, based on the recommendations of a committee comprised of a representative from the Dean's Office of the College of Agriculture and two faculty members selected from the Department of Agricultural Education, one being an advisor of the Agricultural Education Society. The criteria for selecting recipients of this scholarship in priority order shall be as follows: demonstrated leadership and service in agriculture with an emphasis on the Agricultural Education Society, financial needs of the student, the student's intention to teach Vocational Agriculture, junior or senior rank during the year in which the scholarship is received, and scholastic achievement of the student.

Finally, any additional earnings shall be used by the Agricultural Education Society for projects which promote Agricultural Education in Ohio, in accordance with the donor's instructions on file in the Agricultural Education Department.

Should the need for this fund cease to exist or so diminish as to provide unused income, the income from the fund may be used for whatever purpose is determined by the Board of Trustees, with preference being given to the appropriate official of the University who is then directly responsible for Agricultural Education.

The Clyde and Crystal Beougher Endowed Scholarship
in Agricultural Education

The Clyde and Crystal Beougher Endowed Scholarship in Agricultural Education was established on November 4, 1983 by the Board of Trustees of The Ohio State University, with a generous gift from Clyde E. Beougher, B.S. '30, M.S. '54, Agricultural Education, of Delaware, 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 the occasion dictates.

The annual income will be used to support undergraduate scholarships for worthy students enrolled in the College of Agriculture. First preference will be given to students majoring in Agricultural Education. The recipients will be selected by the Department of Agricultural Education in consultation with the Dean of the College and the University Office of Financial Aids. Preference will be given to students who demonstrate outstanding academic achievement,

November 4, 1983 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 Clyde and Crystal Beougher Endowed Scholarship
in Agricultural Education (contd)

and/or leadership in extracurricular activities. The Chairman of the Agricultural Education Department will provide the donor with the name of the scholarship recipient each Fall.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income from the fund may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to an appropriate official of the University who is then directly responsible for the Agricultural Education curriculum at The Ohio State University.

The Kimberly Sue Voress Memorial Scholarship Fund

The Kimberly Sue Voress Memorial Scholarship Fund was established November 4, 1983, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from her parents, Mr. and Mrs. Thomas C. Voress of Sidney, Ohio, and other family members and friends, in memory of Kimberly Sue, who was a student majoring in Home Economics 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 the occasion dictates.

The annual income shall be used to provide a scholarship for students in the Department of Home Economics Education. The student selected should demonstrate active participation in student activities, dedication to his or her professional goal, and must demonstrate a financial need. First preference will go to Home Economics Education majors with seniors receiving first priority. The selection of the students shall be made by the Dean of the College of Home Economics in conjunction with the Director of Student Financial Aids. On an annual basis, the Dean of Home Economics will provide the Voress family with the name of the student who has received the award.

Should the need for this fund cease to exist or so diminish as to provide unused income, 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 responsible for the study of Home Economics.

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November 4, 1983 meeting, Board of Trustees

EMPLOYMENT OF ARCHITECT/ENGINEER AND
REQUEST FOR CONSTRUCTION BIDS
WISEMAN HALL RENOVATION

Resolution No. 84-55

Synopsis: Authorization to employ an architectural firm and request construction bids is proposed.

WHEREAS The Ohio State University Hospitals has programmed and requested renovation work in Wiseman Hall due to deteriorating facilities and related accreditation recommendations; and

WHEREAS this work will update and remodel the older sections of the building to provide some space modifications, replace many doors and frames and many floor, wall, and ceiling surfaces, provide new plumbing, environmental control, and electrical systems, and replace outmoded equipment; and

WHEREAS \$850,000 has been provided from University Hospitals funds for this purpose:

NOW THEREFORE

BE IT RESOLVED, That the Vice President for Business and Finance be authorized to select a qualified architectural/engineering firm for this project from the lists of firms requested from and provided by the Department of Administrative Services and that the fee for these architectural/engineering services be negotiated between the firm selected and the Department of Administrative Services, Division of Public Works; and

BE IT FURTHER RESOLVED, That the Vice President for Business and Finance be authorized to request construction bids on this project in accordance with established University procedures, and if satisfactory bids are received, to recommend to the Department of Administrative Services, Division of Public Works, the award of contracts, with all actions to be reported to this Board at the appropriate time.

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

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PLANS AND SPECIFICATIONS

Resolution No. 84-56

Synopsis: Approval of plans and specifications for the following project is proposed.

WHEREAS at the request of the Vice President for Business and Finance, the President recommended that the Board of Trustees approve the plans and specifications, bills of materials, and estimates of cost for the following project:

November 4, 1983 meeting, Board of Trustees

PLANS AND SPECIFICATIONS (contd)

RHODES HALL - ATRIUM IMPROVEMENTS

Project: This project is for environmental work to improve the quality and quantity of light to the atrium within Rhodes Hall which will make for a safer as well as more attractive area for patient use.

Funding: B/A 885216 (University Hospitals Funds)

Estimated Project Cost: \$197,000.00

NOW THEREFORE

BE IT RESOLVED, That the plans and specifications, bills of materials, and estimates of cost for the project listed above be approved and that the President and/or Vice President for Business and Finance be authorized to sign the plans and specifications for this project and, in accordance with established University procedures, to request bids and, if satisfactory bids are received, to recommend to the Department of Administrative Services, Division of Public Works, the award of necessary contracts; and

BE IT FURTHER RESOLVED, That this action be reported to the Board at a later meeting.

Upon motion of Mr. Immke, seconded by Mr. Berry, 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. 84-57

Synopsis: Contracts have been awarded for the projects listed below to the lowest and best bidders in accordance with University procedures.

WHEREAS resolutions adopted by the Board of Trustees at previous meetings authorized the President and/or Vice President for Business and Finance to sign the plans and specifications and, in accordance with established University procedures, to request bids and, if satisfactory bids were received, to recommend to the Department of Administrative Services, Division of Public Works, the award of contracts for the following projects:

UNIVERSITY HOSPITALS - 7th FLOOR RENOVATION

Description: This project includes the renovation of the center and west sections of the seventh floor of University Hospitals to upgrade the patient care facilities to meet present code requirement and medical criteria.

November 4, 1983 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

UNIVERSITY HOSPITALS - 7th FLOOR RENOVATION (contd)

General Contract

Date Received:	September 20, 1983
No. of Bids:	6
Low Bid:	\$ 647,000.00
High Bid:	\$ 694,000.00
Estimate of Cost:	\$ 700,000.00
Awarded to:	Sigma Construction, Lancaster, Ohio

Plumbing Contract

Date Received:	September 27, 1983
No. of Bids:	7
Low Bid:	\$ 186,770.00
High Bid:	\$ 268,000.00
Estimate of Cost:	\$ 250,000.00
Awarded to:	R. H. Reeb, Columbus, Ohio

HVAC Contract

Date Received:	September 20, 1983
No. of Bids:	6
Low Bid:	\$ 234,000.00*
High Bid:	\$ 393,662.00*
Estimate of Cost:	\$ 383,000.00*
Awarded to:	J. A. Croson, Columbus, Ohio

*Recommended alternates reflected in these figures.

November 4, 1983 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

UNIVERSITY HOSPITALS - 7th FLOOR RENOVATION (contd)

Electrical Contract

Date Received:	September 20, 1983
No. of Bids:	11
Low Bid:	\$ 165,708.00*
High Bid:	\$ 262,650.00*
Estimate of Cost:	\$ 304,000.00*
Awarded to:	Buckeye Electric, Dayton, Ohio
Total All Contracts:	\$1,233,478.00*
Total Contingency Allowance:	\$ 188,615.11 (which is 15 per cent of construction costs)
Total Project Cost:	\$1,505,500.00
Funding:	University Hospitals Funds

*Recommended alternates reflected in these figures.

NUCLEAR MAGNETIC RESONANCE FACILITY

Description: This project is a new facility to house the nuclear magnetic resonance imaging unit. The facility must be constructed of non-magnetic materials and provide radio frequency shielding to ensure proper operation of the unit. This facility will significantly enhance the University's efforts in biological and medical research.

General Contract

Date Received:	October 14, 1983
No. of Bids:	6
Low Bid:	\$294,000.00
High Bid:	\$334,900.00
Estimate of Cost:	\$302,037.00
Awarded to:	Cody Zeigler, Inc., Pickerington, Ohio

November 4, 1983 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

NUCLEAR MAGNETIC RESONANCE FACILITY (contd)

HVAC Contract

Date Received:	October 14, 1983
No. of Bids:	6
Low Bid:	\$ 48,700.00
High Bid:	\$ 52,300.00
Estimate of Cost:	\$ 47,920.00
Awarded to:	J. A. Guy, Columbus, Ohio

Plumbing Contract

Date Received:	October 14, 1983
No. of Bids:	6
Low Bid:	\$ 16,377.00
High Bid:	\$ 28,800.00
Estimate of Cost:	\$ 22,119.00
Awarded to:	R. H. Reeb, Columbus, Ohio

Electrical Contract

Date Received:	October 14, 1983
No. of Bids:	10
Low Bid:	\$ 41,510.00
High Bid:	\$ 64,447.00
Estimate of Cost:	\$ 55,261.00
Awarded to:	Electric Power Equipment, Columbus, Ohio

Total All Contracts:	\$400,587.00
Total Contingency Allowance:	\$ 40,820.78 (which is 10 per cent of construction costs)
Total Project Cost:	\$497,000.00
Funding:	B/A 882058

November 4, 1983 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

CAMPUS ENTRANCE RENOVATIONS
TUTTLE PARK PLACE AND LANE AVENUE
KING AVENUE AND CANNON DRIVE

Description: This project, which will begin in the Spring of 1984, will provide for renovations to various campus entrances as follows:

Tuttle Park Place and Lane Avenue - increase vehicle radius turning area, install limestone wall with University logo, paving as required, and lighting.

King Avenue and Cannon Drive - install limestone wall with University logo, paving as required, and lighting.

General Contract

Date Received:	October 12, 1983
No. of Bids:	7
Low Bid:	\$ 83,600.00
High Bid:	\$107,508.00
Estimate of Cost:	\$ 81,000.00
Awarded to:	Sigma Construction, Lancaster, Ohio
Total All Contracts:	\$ 83,600.00
Total Contingency Allowance:	\$ 6,653.00 (which is 8 per cent of construction costs)
Total Project Cost:	\$ 93,000.00
Funding:	University Funds (B/A 885200)

HAMILTON HALL - EXTERIOR MASONRY REPAIRS, NORTH WING

Description: All weather-deteriorated joints and masonry openings will be cut out and resealed with an elastomeric sealant; all mortar joints in the brickwork will be repointed with a non-shrink mortar; and a section of the parapet wall on the west elevation will be torn down and rebuilt.

November 4, 1983 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

HAMILTON HALL - EXTERIOR MASONRY REPAIRS, NORTH WING (contd)

General Contract

Date Received:	October 14, 1983
No. of Bids:	5
Low Bid:	\$ 21,990.00*
High Bid:	\$ 39,785.00*
Estimate of Cost:	\$ 29,800.00*
Awarded to:	Trisco System, Inc., Lima, Ohio
Total All Contracts:	\$ 21,990.00*
Total Contingency Allowance:	\$ 1,581.20 (which is 7 per cent of construction costs)
Total Project Cost:	\$ 25,000.00*
Funding:	University Funds (B/A 210134 - Contract Repair)

*Recommended alternate reflected in these figures.

NOW THEREFORE

BE IT RESOLVED, That pursuant to the actions previously authorized by the Board, the award of contracts and the establishment of project funds and contingency funds for the projects listed above are hereby approved.

Upon motion of Mr. Redman, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution with eight affirmative votes cast by Dr. Jacob, Messrs. Hilliker, Havens, Galbreath, Redman, Immke, and Berry, and Mrs. Bowser, and one abstention by Mr. Teaford.

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NON-MANDATORY TRANSFER FROM CURRENT FUNDS
FISCAL YEAR 1982-83

Resolution No. 84-58

Synopsis: Transfers to Loan Funds, Endowment Principal Funds, Unexpended Plant Funds, Renewals and Replacements Funds-Remodeling and Renovation, and Renewals and Replacements Funds-Repairs and Replacements is being recommended for approval.

WHEREAS non-mandatory transfers from current funds for the fiscal year 1982-83 have been made; and

November 4, 1983 meeting, Board of Trustees

NON-MANDATORY TRANSFER FROM CURRENT FUNDS
FISCAL YEAR 1982-83 (contd)

WHEREAS this accounting procedure is in compliance with the Auditor of State that all transfers made among fund groups during the fiscal year be reported:

NOW THEREFORE

BE IT RESOLVED, That the transfers as detailed in the accompanying report be accepted and approved.

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

Account Description	Account Number	Transferred from Account Number	Amount
To: Loan Funds			
International Students	177	015800	\$ 36,000.00
A.T.I. Emergency Loan Fund	078991	033230	(900.00)
Total Transfers to Loan Funds			\$ 35,100.00
To: Endowment Principal Funds			
The William H. Davis Endowment for Basic Medical Research	071603	015018	\$ 125,000.00
The Ohio State University Name and Seal Scholarship Fund	075427	010055	20,000.00
		011038	30,000.00
		015102	50,000.00
Unrestricted Gifts	077435	015024	35,000.00
Total Transfers to Endowment Principal Funds			\$ 260,000.00
To: Unexpended Plant Funds			
Housing Commission No. 3	082032	017300	\$ (14,494.20)
Agronomy, Natural Resources, and Plant Pathology Building	082043	033433	498.76
		036591	34.24
Health Science Center Road	082049	010058	4,026.00
Land Purchases - OARDC	082052	010185	56,205.07
U.S.C.C. Cable Project	082054	010058	424,713.18
University Art Center	082055	010058	150,000.00
Rardin Family Practice Center	082056	025968	10,000.00
NMR Facility	082058	010058	200,000.00
WOSU-TV Metal Building	082059	033227	67,684.00
Total Transfers to Unexpended Plant Funds			\$ 898,667.05

November 4, 1983 meeting, Board of Trustees

NON-MANDATORY TRANSFERS FROM CURRENT FUNDS
FISCAL YEAR 1982-83 (contd)

Account Description	Account Number	Transferred from Account Number	Amount
To: Renewals and Replacements Funds			
Remodeling and Renovation:			
Public Safety Building	085067	010058	\$ 15,000.00
		016007	(2,377.00)
Parking Lot Repairs	085071	010058	(1,464.87)
		016007	25,000.00
Computer Design Lab	085072	010058	129,700.00
		036295	23,350.00
Sawtooth Replacement	085090	010058	2,839.99
Ohio Stadium Research Space	085126	010058	(20.00)
Conservation Projects - D.O.E.	085128	014002	(100.75)
		014004	(187.74)
		017200	(169.01)
Hitchcock Hall	085140	033459	(699.00)
Brown Hall	085145	010058	(330.30)
Ohio Union - Steps	085149	010058	(16.21)
Ohio Union - Elevator	085160	010058	(5,055.86)
Administration Building - Basement	085161	010058	(1,663.00)
Telephone System	085171	010058	23,702.00
		014007	77,413.52
Koffolt Lab	085173	010058	(2,495.00)
Parking Ramp Repairs	085175	016007	325,000.00
Northwest Parking Ramp	085177	016007	50,000.00
Rightmire Hall	085180	010058	(21,058.00)
Stadium Scholarship Dorm	085181	010058	15,240.00
		017200	652,003.00
Fawcett Center - Roof	085182	010058	(60,000.00)
4H Hall of Fame	085184	033590	102,850.00
Ohio Stadium - South Bleachers	085185	016019	86,000.00
Hagerty Hall	085186	010058	(3,970.00)
Howlett Hall	085187	013525	35,000.00
		036886	718.00
ElectroScience Lab	085188	010058	56,197.00
Johnston Lab	085191	010058	29,588.00
Biological Sciences Building	085192	010058	35,000.00
Mendenhall Lab - Cold Room	085193	010058	52,632.00
Energy Conservation Projects	085194	010058	4,100.00
Parks Hall	085195	010058	125,917.00
Farm Science Review - Relocation	085196	031895	17,450.00
Baker Systems Engineering Bldg.	085199	010058	27,816.00
Entranceways	085200	010058	111,500.00
Hamilton Hall	085201	010058	31,584.00
Administration Building - 3rd Floor	085202	010058	54,071.00

November 4, 1983 meeting, Board of Trustees

NON-MANDATORY TRANSFERS FROM CURRENT FUNDS
FISCAL YEAR 1982-83 (contd)

Account Description	Account Number	Transferred from Account Number	Amount
To: Renewals and Replacements Funds			
Remodeling and Renovation:			
Postle Hall - Dental Clinic	085203	010058	\$ 300,000.00
		057171	100,000.00
Hitchcock Hall	085204	010058	32,000.00
Veterinary Hospital	085206	010058	39,730.00
North Athletic Facility - Turf	085208	016550	188,900.00
Lab Animal Center	085209	010058	90,000.00
		064748	10,000.00
1325 Kinnear Road	085211	010058	224,319.82
Veterinary Hospital	085212	010058	26,955.00
		011046	500.00
OARDC - Telephone System	085213	010185	242,563.30
Child Development Lab	085214	033050	6,834.01
St. John Arena - Airconditioning	085215	016019	111,422.00
Neilwood Gables	085217	016102	33,363.00
Ohio Union - Auditorium	085218	016020	82,599.00
Lincoln/Morrill Towers - Emergency Lighting	085220	017301	149,250.00
Lima Campus - Library Shelving	085221	010928	30,500.00
Daken Hall	085222	010058	35,000.00
Total Remodeling and Renovation			\$ 3,714,000.90
Repairs and Replacements:			
Registration Services	086904	010058	\$ (22,306.00)
Business and Finance	086905	010058	15,774.00
University Systems	086906	010058	15,000.00
Physical Facilities	086909	010058	2,939.32
Police	086910	010058	(9,016.00)
Traffic and Parking	086911	016007	313,819.00
Food Facility	086912	014006	66,710.00
Stores	086913	014001	51,700.00
Laundry	086914	014004	105,288.00
Office Equipment Repair	086915	014003	31,000.00
Printing Facility	086916	014002	100,000.00
Physical Facilities Improvement	086920	010058	112,711.86
University Airport	086921	016014	140,824.06
Meats Lab	086922	011072	19,000.00
Fire Safety	086923	010058	(7,000.00)
Housing Commission No. 1	086924	016101	2,300.00
University Properties	086926	016300	2,400.00

November 4, 1983 meeting, Board of Trustees

NON-MANDATORY TRANSFERS FROM CURRENT FUNDS
FISCAL YEAR 1982-83 (contd)

Account Description	Account Number	Transferred from Account Number	Amount
To: Renewals and Replacements Funds			
Repairs and Replacements:			
Endowment Properties	086927	016350	\$ 19,100.00
Endowment Properties - Improvements	086931	016350	22,900.00
Housing Commission No. 2	086934	016102	44,000.00
WOSU Stations	086938	010058	26,500.00
Stores - Improvements	086943	014001	45,000.00
Internal Auditing	086944	010058	5,500.00
Learning Resources	086945	010058	41,825.00
Libraries	086948	010058	30,000.00
Fawcett Center	086952	010058	15,000.00
Accounting	086953	010058	2,160.00
Accounts Payable	086954	010058	2,294.00
Inventory	086955	010058	1,200.00
Alumni Information	086958	010058	4,236.94
Ohio Union - Improvements	086963	016020	(28,185.00)
Transportation	086964	014100	66,616.04
Coin-Op Services	086970	014015	28,600.00
University Hospitals - Capital Equipment	086995	019000	5,984,247.30
Total Repairs and Replacements			\$ 7,252,138.52
Total Transfers to Renewals and Replacements Funds			\$10,966,139.42
Total Transfers to Plant Funds			\$11,864,806.47

RECAP

	Account Range	Amount
Current General	0100xx	\$ 2,382,376.87
Current General - OARDC	010185	298,768.37
Current General - Regional Campuses	0109xx	30,500.00
Current General - Department Earnings	011xxx	19,500.00
Current General - OSURF	013xxx	35,000.00
Current General - Service Accounts	014xxx	572,039.07
Auxiliary Enterprises	016xxx	1,417,065.06
Residence and Dining Halls	017xxx	786,589.79

November 4, 1983 meeting, Board of Trustees

NON-MANDATORY TRANSFERS FROM CURRENT FUNDS
FISCAL YEAR 1982-83 (contd)

RECAP

	Account Range	Amount
Hospitals	019xxx	\$ 5,984,247.30
Current Restricted - Endowment	02xxxx	10,000.00
Current Restricted - Development Fund	03xxxx	218,720.01
Current Restricted - Other	05xxxx	100,000.00
Current Restricted - OSURF	06xxxx	10,000.00
Total Non-Mandatory Transfers to Plant Funds		\$11,864,806.47

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REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 84-59

RESOLVED, That the report on the University's Investment Portfolio, dated October 21, 1983, 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 Thursday, December 8, 1983, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Madison H. Scott
Secretary

John D. Jacob, D.D.S.
Chairman

APPENDIX II

Degrees Conferred at

THE OHIO STATE UNIVERSITY
COMMENCEMENT CONVOCATION

December 9, 1983

Commencement Speaker

Robert M. Zollinger, M.D.

An internationally known surgeon and teacher of surgery, Robert M. Zollinger, M.D., retired in 1974 as professor and chairman of Ohio State's Department of Surgery after 28 years in that position. He also held the title of Regents Professor.

Dr. Zollinger received his bachelor of science degree at Ohio State in 1925 and his M.D. degree in 1927. He spent 14 years on the medical faculty at Harvard University before returning to Ohio State. His military service during World War II included a period as senior consultant on general surgery for the European Theater of Operations.

He is the author or coauthor of more than 330 publications, including the *Atlas of Surgical Operations* and the *Textbook of Surgery*. He has served on numerous editorial boards and has been editor of the *American Journal of Surgery*.

Dr. Zollinger has shared his talents throughout the world, serving as president or chairman of several professional societies and as visiting professor at many medical schools. His many awards and honors include fellowships, honorary degrees, and the establishment of the Robert M. Zollinger Chair of Surgery in Ohio State's College of Medicine. He received the Joseph M. Sullivant Medal, the highest award conferred by Ohio State, in 1965.

Recipients of Honors

Christa Wolf

Doctor of Humane Letters

Recognized as the outstanding novelist today in her native East Germany, Christa Wolf has attracted international attention and acclaim to her considerations of feminism, socialism, and humanism. Her writing has achieved such stature that it transcends the limits of cultural policy control prevalent in her homeland.

Her work has explored styles ranging from the traditional to the avant-garde, while consistently displaying a unique combination of outstanding literary talent and a deep philosophical commitment to the present and future cause of humanity. Through extensive lecturing and travels in Europe and, briefly, in the United States, she has provided an example both to writers of her generation as well as to younger writers of German fiction in the East and West.

Christa Wolf's first published work in English, *The Quest for Christa T.*, in 1970, was called "a literary landmark" by the *New York Post* and "one of the few great novels in the German language since the war" by the *London Times*. Her works in German are studied extensively at universities throughout the United States.

She has received numerous prizes, including the East German Heinrich Mann Prize in 1963, the National Prize of East Germany's Academy of Arts in 1964, and the Georg Büchner Prize of the West German Academy for Language and Literature in 1980.

She has been writer-in-residence at Oberlin College and, during Spring Quarter 1983, was Distinguished Visiting Professor of German and Women's Studies at Ohio State.

The University is honored to recognize Christa Wolf for her contributions to literature and her commitment to the critical examination of our world.

Walter L. Hartman

Distinguished Service Award

During 35 years as assistant director and later director of the Physical Plant Department, Walter L. Hartman made sure that the University's power was generated efficiently and that its facilities kept pace with the newest technological developments.

Hartman joined the staff after returning from military service in World War II and immediately set out to modernize the McCracken Power Plant's electrical systems, which had become outdated during the Depression and the war years. He was instrumental in the purchase and installation of nearly all the major equipment still operating in the power plant.

When the power plant reached its capacity in 1959, he arranged for the University to connect with supplemental outside power sources. When the plant's coal-fired boilers raised environmental concerns in the 1960s, Hartman supervised their conversion to natural gas. He continued an active role in Ohio State's Energy Conservation and Management programs until his retirement in 1981. Until then—and subsequently, as a volunteer—he was instrumental in exploring the feasibility of a return to coal-fired generation of power at Ohio State in a manner that will be environmentally acceptable and economically advantageous.

Hartman holds a bachelor's degree in mechanical engineering from Ohio State. He has been active in professional circles and has received the Outstanding Service Award of the American Society of Mechanical Engineers in 1980.

Walter Hartman's service to the University has been vitally important to the campus. Ohio State shows its gratitude today by presenting him with a Distinguished Service Award.

The Graduate School

Dean: Jules B. LaPidus

Doctor of Musical Arts

David Neil Stoffel, Canton; B.M.E. (Heidelberg College); M.M.; Music;
Dr. *Marion R. Alch*

Doctor of Philosophy

Osama Ahmed Abdulshafi, Columbus; B.S. (Cairo University); M.S.; Civil Engineering;
Dr. *Kamran Majidzadeh*

Charles Zaudu Aki, Ofagbe, Bendel State, Nigeria; B.A., M.S. (Southern Illinois University); *Agricultural Economics and Rural Sociology*;
Dr. *Leroy J. Hushak*

Ibrahim Ahmad Alam, Mecca, Saudi Arabia; B.A. (Ummul Oura University); M.A. (Indiana University); Education;
Dr. *I. Keith Tyler*

Kahtan Khalaf Ali, Baghdad, Iraq; B.S., M.S. (Baghdad University); *Agronomy*;
Dr. *Paul R. Henderlong*

Adelaida Patano Alibusan, Calamba, Laguna, Philippines; B.S. (University of the Philippines); M.S. (University of Delaware); *Agricultural Economics and Rural Sociology*;
Dr. *Warren F. Lee*

Edie B. Ashburn, Sandusky; B.S., M.Ed. (Bowling Green State University); Education;
Dr. *C. Ray Williams*

Sizadi Nath Bagchi, Narendrapur, West Bengal, India; B. Stat. Hons. (Indian Statistical Institute); *Mathematics*;
Dr. *Louis Sucheston*

Phyllis Cander Baker, Marietta; B.A. (Marietta College); M. Ed. (Ohio University); Education;
Dr. *David L. Boggs*

Shirley Behrke, Galloway; B.A., M.A., E.A.S.; Education;
Dr. *I. Keith Tyler*

Nancy Parks Bertrand, Murfreesboro, Tenn.; B.S., M.S. (University of Tennessee); Education;
Dr. *Martha L. King*

William David Blackburn, Worthington; B.S. (Urbana College); M.S.W.; *Psychology*;
Dr. *Henry R. Angelino*

John Thomas Boyce, Finley, Wash.; D.V.M. (Washington State University); *Veterinary Pathobiology*;
Dr. *Gary J. Koziba*

Eibert Braddock, Memphis, Tenn.; B.A., M.A.T. (University of South Vanderbilt); Education;
Dr. *I. Keith Tyler*

Leonard Richard Bradley, Columbus; B.A. (Rutgers University); B.D. (Concordia Theological Seminary); Th.M. (Princeton Theological Seminary); Education;
Dr. *Robert F. Rodgers*

Steven James Breckler, Encino, Calif.; B.A. (University of California at San Diego); M.A.; *Psychology*;
Dr. *Anthony G. Greenwald*

Jeffery C. Bricker, Massillon; B.S. (Heidelberg College); *Chemistry*;
Dr. *Sheldon G. Shore*

James Mark Broge, Cincinnati; B.A. (Wittenberg University); *Chemistry*;
Dr. *Daniel L. Leussing*

Catherine Long Brown, Athens; B.S. Ed., M. Ed. (Ohio University); *Health, Physical Education, and Recreation*;
Dr. *Barbara A. Nelson*

Judith Ann Bunge, Columbus; B.S. (University of Wisconsin at Madison); M.S. (Kansas State University); *Home Economics*;
Dr. *Elen I. Hock*

Patricia K. Capozzoli, Weirton, W.Va.; B.A. (University of Steubenville); M.A. (West Virginia University); M.S. (University of Dayton); Education;
Dr. *Thomas M. Stephens*

Madhav Yashwant Chavan, Bombay, Maharashtra, India; B.S., M.S. (University of Bombay); *Chemistry*;
Dr. *Daryle H. Busch*

Jenshuan Chen, Taiwan, R.O.C.; B.S. (National Chiao-Tung University); M.S. (Southeastern Massachusetts University); *Electrical Engineering*;
Dr. *Aharon A. Ksienski*

Yue-Hong Chou, Taipei, Taiwan, R.O.C.; B.S. (National Taiwan University); M.A.; *Geography*;
Dr. *Howard L. Gauthier*

Susan G. Colville-Hall, Colorado Springs, Colo.; B.S., M.A.; Education;
Dr. *Edward D. Allen*

Joseph Russell Corley, Nashville, Tenn.; B.A. (David Lipscomb College); M.A.; *Communication*;
Dr. *James L. Golden*

Peggy Ward Corn, Ashland, Ky.; B.A. (University of Kentucky); M.A.; *English*;
Dr. *Morris Beja*

Patricia S. Costello, Erlanger, Ky.; B.A. (Thomas More College); M.S., M.S.; *Statistics*;
Dr. *Douglas A. Wolfe*

Caroline Ann Coston, Rose Hill, NC.; B.S. (North Carolina A & T State University); M.S. (University of Wisconsin); Education;
Dr. *Thomas M. Stephens*

Colette Ruth Day Cozcan, Pasadena, Calif.; B.S. (University of Southern California); B.A. (Westmont College); M.S.; *Biomedical Engineering*;
Dr. *Said H. Koozekanani*

Youssef Michel Daikhoul, Mansoura, Egypt; B.S., M.S. (Cairo University); *Civil Engineering*;
Dr. *Keith W. Bedford*

Carol Sue Dedrow, Columbus; B.A., M.A. (University of Illinois); Education;
Dr. *Charles M. Galloway*

Glady's Antonia Dejesus, Santo Domingo, Dominican Republic; Licenciatura (Universidad Nacional "Pedro Henriquez Urena"); M.A.; *Economics*;
Dr. *Edward J. Ray*

Delores Ann Diggs, Bidwell; B.S., M.A.; Education;
Dr. *William W. Wayson*

Stewart Arthur Dippel, Cleveland; A.B., M.A. (Miami University); *History*;
Dr. *Clayton Roberts*

Bruce Armand Donzanti, Philadelphia, Pa.; B.S., M.S. (Philadelphia College of Pharmacy and Science); *Pharmacy*;
Dr. *Norman J. Uretsky*

James Edward Drainheim, Columbus; B.S. (University of Toledo); *Biophysics*;
Dr. *Joseph Y. Cassim*

Kathleen Marie Dwyer, Monroeville, Pa.; B.A. (Ohio Dominican College); M.S.; Education;
Dr. *Kathryn T. Schoen*

Afate M. Khalil El-Khiaml, Cairo, Egypt; B.A., M.A. (American University in Cairo); M.A. (University of Missouri at Columbia); *Sociology*;
Dr. *Saad Z. Nagi*

Mark Stuart Elliott, Worthington; B.S.; *Physiological Chemistry*;
Dr. *Ronald W. Trewyn*

Jennifer Burkard Farkas, Columbus; B.A. (University of Michigan); M.Ed. (Wayne State University); Education;
Dr. *M. Eugene Gilliom*

Harry T. Finkelstein, Chicago, Ill.; B.A. (Blackburn College); M.S. (University of Illinois); *Chemistry*;
Dr. *Gideon A. Fraenkel*

Stephen Matthew Flaherty, Norwood, Mass.; B.A. (University of Massachusetts at Amherst); M.A.; Education;
Dr. *Donald R. Bateman*

Dafie'a Awad Gabir, Abu-Zabab, Sudan; B.Sc. (University of Khartoum); M.B.A. (Columbia University); *Agricultural Economics and Rural Sociology*;
Dr. *David E. Hahn*

Teni M. Garrett, Columbus; B.A. (Oakwood College); M.A.; *Psychology*;
Dr. *Henry Leland*

Gene W. Gloedner, East Liverpool; B.S.; M.S. (Colorado State University); Education;
Dr. *E. Keith Blankenbaker*

John Joseph Gottko Jr., Columbus; B.A., M.B.A. (Michigan State University); *Business Administration*;
Dr. *Bernard J. Lalonde*

Sharon Schwartz Gutterman, Columbus; B.S. (Virginia Commonwealth University); M.A.; Education;
Dr. *Donald P. Sanders*

- Betsy Lee Hadden**, Louisville, B.A. (Hiram College); M.A. (Northwestern University); M.L.S. (Kent State University); *Education*; Dr. Gilbert A. Jarvis
- Allen Woodward Haley Jr.**, Newark, Delaware; B.S. (Iowa State University); M.S., *Computer and Information Science*; Dr. Stuart H. Zweben
- Joseph Heywood Harrison**, Mt. Vernon; B.S., M.S.; *Dairy Science*; Dr. Harry R. Conrad
- Kimi Susan Hatton**, Vienna, Va.; B.S. (George Mason University); *Biochemistry*; Dr. Garfield P. Royer
- Peter Kyle Hayes**, Washington, C.H.; B.S. (Trinity College); M.S.; *Electrical Engineering*; Dr. Leon Peters Jr.
- Donna Jean Hester**, Trenton; B.S., M.A.; *Health, Physical Education and Recreation*; Dr. Jacqueline Heikowitz
- William Dalton Hicks**, Lanham, Md.; B.A. (Lafayette College); M.A.; *Psychology*; Dr. Richard J. Kimoski
- Donald Gene Howard**, Tallmadge; B.S., M.B.A.; *Business Administration*; Dr. Lee C. Nehrt
- Shou-Shing Hsieh**, Keelung, Taiwan, R.O.C.; B.S.M.E., M.S.M.E. (National Taiwan University); M.S.; *Nuclear Engineering*; Dr. Richard N. Christensen
- Hsi-Pai Hsu**, Taipei, Taiwan, R.O.C.; B.S. (Taiwan University); *Chemistry*; Dr. Gideon A. Fraenkel
- Valerie M. Hudson**, Greenbelt, Md.; B.A. (Brigham Young University); M.A.; *Political Science*; Dr. Charles F. Hermann
- Wookung Huh**, Seoul, Korea; B.A., M.A. (Seoul National University); *Geography*; Dr. Howard L. Gauthier
- George S. Ibe-Bassey**, Ibadan, Cross River Nigeria; B. Sc. Hons. (University of Ife, Nigeria); M.A.; *Education*; Dr. Robert W. Wagner
- Mitchell Edward Imhoff**, Cincinnati; A.B. (Xavier University); M.A.; *Romance Languages and Literatures*; Dr. Charles G. S. Williams
- Maria Angeles Jiménez**, San Jose, Costa Rica; B.Ed., Licenciatura en Ed. (Universidad de Costa Rica); M.A.; *Education*; Dr. Loren L. Stull
- Hojin Kang**, Kimchon, Korea; B.A. (Seoul National University); *Economics*; Dr. Edward J. Ray
- James Stewart Kelly**, Syracuse, NY; B.A. (State University of New York at Oswego); M.A.; *Philosophy*; Dr. William G. Lycon
- Jaе Choi Kim**, Kochang, Jeonbuk, Korea; B.S., M.S. (Jeonbuk National University); *Agronomy*; Dr. Leo E. Bendixen
- John Ernest Lashbrook**, Beavercreek; A.B. (Asbury College); M.S.I.S. (University of Kentucky); *Education*; Dr. John C. Belland
- Wendy Ann Lawrence**, La Luz, New Mexico; B.S., M.A.; *Anthropology*; Dr. Frank E. Poiner
- Seong Chul Lee**, Seoul, Korea; B.E. (Yonsei University); M.E. (West Virginia University); *Engineering Mechanics*; Dr. Sunder H. Advani
- Sherry Marlene Lewis**, Grand Chain Ill.; B.S., M.S.; (Southern Illinois University); *Animal Science*; Dr. Burk A. Dehority
- Susan Cross Lipnickey**, Walpole, Mass.; B.S. (Slippery Rock State College); M.S. (Purdue University); *Health, Physical Education and Recreation*; Dr. Mary K. Beyrer
- Hugo Ferreira Lopez**, Saktiilo, Coah. Mexico; B.S. (Technologico De Saktiilo); M.S.; *Metallurgical Engineering*; Dr. Paul G. Shewmon
- Hosam Mahmoud Mahmoud**, Cairo, Egypt; B.S. (Cairo University); M.S.; *Computer and Information Science*; Dr. Bruce W. Weide
- Juliana Sierra Manuel**, Laguna, Philippines; B.S.A., M.S. (University of the Philippines at Los Banos); *Agronomy*; Dr. Leo E. Bendixen
- Judith Matthews**, Athens; B.S. (University of North Carolina at Greensboro); M.S. (University of Tennessee); *Home Economics*; Dr. Joan E. Gritzmacher
- Carol Landgraf McKay**, Columbus; B.S. (Florida Southern University); M.A. (University of Kentucky); *Education*; Dr. Edward D. Allen
- Eda DiFilippo Mikolia**, Columbus; B.S.N. (St. John College); M.S. *Education*; Dr. David L. Boggs
- Timothy John Mulkey**, Springdale, Ark.; B.S., M.S. (University of Arkansas at Fayetteville); *Botany*; Dr. Michael L. Evans
- Nureidin Ahmed Musharaf**, Khartoum, Sudan; B.V.Sc., M.V.Sc. (University of Khartoum); *Poultry Science*; Dr. J. David Latshaw
- Albert Ray Neff**, Columbus; B.S., M.A.; *Education*; Dr. C. Ray Williams
- James Nolan Nesmith**, Dayton; B.A. (Birmingham Southern College); M.A., M.Div. (Vanderbilt University); *Education*; S.T.M. (Yale University); *Economics*; Dr. Robert J. Silverman
- Charles Joseph Newman**, Columbus; B.S. (Morehead State University); M.Ed. (Miami University); *Education*; Dr. Joseph W. Licata
- David Allen Nichols**, Bryan; B.S. (Huntington College); M.A.; *Education*; Dr. Luven L. Cunningham
- Katherine Ellen Norgaard**, Columbus; B.A. (University of Minnesota); M.S. (Indiana State University); *Education*; Dr. Anthony C. Riccio
- El-Dirdiri Mohamed Osman**, Dongola, Sudan; B.S. (University of Khartoum at Sudan); M.S.; *Horticulture*; Dr. Wilbur A. Gould
- Donald Gene Pace**, Pima, Arizona; B.A., M.A. (Brigham Young University); *History*; Dr. Mansei G. Blackford
- T. A. Parthasarathy**, Madras, Tamilnadu, India; B.Tech. (Indian Institute of Technology); M.S.; *Metallurgical Engineering*; Dr. Paul G. Shewmon
- Kirkwood A. Pritchard Jr.**, Pauding, B.A. (Capital University); M.S. (Youngstown State University); *Physiological Chemistry*; Dr. Rao V. Panganamala
- Timothy A. Rademaker**, Strongsville, B.S., M.A. (Southeast Missouri State University); *Health, Physical Education and Recreation*; Dr. Barbara A. Nelson
- Ajay Kumar Rathi**, Raipur, M.P., India; B.Eng (Government College of Engineering and Technology, Raipur, India); M.S.; *Civil Engineering*; Dr. Zoltan A. Nemeth
- Katherine Kennedy Reist**, New Concord; B.A. (Muskingum College); M.A.; *History*; Dr. Samuel C. Chu
- Thomas Michael Rhodes**, Rio Grande; B.S. (Rio Grande College); M.S. (University of Notre Dame); *Education*; Dr. F. Joe Crosswhite
- Edward Roscoe Richter**, Columbus; B.S., M.S.; *Microbiology*; Dr. George J. Barwart
- Richard Agustin Roberts**, Columbus; B.S. (Emory University); *Chemistry*; Dr. Leo A. Paquette
- Paul Robert Schroeder**, Columbia, Ill.; B.S. (University of Illinois); M.S. (Vanderbilt University); *Civil Engineering*; Dr. Alan J. Rubin
- Wanis Ali Shaari**, Benghazi, Libya; B.S. (University of Tripoli); M.S.; *Electrical Engineering*; Dr. Curt A. Lewis
- William Allen Shaffer**, Ijamsville, Md.; B.A. (The Catholic University of America); M.S.; *Physics*; Dr. John H. Shaw
- Theresa Anne Shepard**, Welwyn, United Kingdom; B.S.; *Pharmacy*; Dr. Reuning
- Richard Lawrence Shook**, Youngstown; B.E. (Youngstown State University); M.S.; *Metallurgical Engineering*; Dr. John P. Hirth
- Sanford Jay Siegel**, Powell, B.A. (Miami University); M.A.; *Anthropology*; Dr. Daniel T. Hughes

William Frederick Smith, Columbus; B.A. (University of Wyoming); M.A.; *Theatre*;
Dr. Alan L. Woods

Jeffrey Wayne Smoot, Big Bear, Calif.; B.A., B.S. (University of California); *Biochemistry*;
Dr. George S. Serif

Jaе Chul Song, Seoul, Korea; B.S., M.S. (Korea University); M.S. (Wright State University); *Food Science and Nutrition*;
Dr. Poul M. T. Hansen

Corazon A. Steginsky, Quezon City, Philippines; B.S. (University of the Philippines); *Chemistry*;
Dr. Perry A. Frey

Jerald Paul Steiner, New Palitz, N.Y.; B.S. (Lebanon Valley College); *Chemistry*;
Dr. Leon M. Dorfman

Cynthia Annette Stevens, Sylvania; B.A., M.A.; *Psychology*;
Dr. Thomas W. Milburn

James Stewart, Athens; B.S. (University of Utah); M.M. (Indiana University); *Music*;
Dr. Burdette L. Green

DeVon Renard Stokes, San Diego, Calif.; B.A. (Oakwood College); M.A. *Psychology*;
Dr. W. Bruce Walsh

Richard Irving Tinning, Melbourne, Victoria, Australia; B.Ed., M.Ed. (University of Melbourne); B.Ed. (LaTrobe University); *Health, Physical Education and Recreation*;
Dr. Daryl L. Siedentop

Darrell Lee Tuomari, Redford, Mich.; B.S. (University of Michigan); D.V.M. (Michigan State University); *Veterinary Pathobiology*;
Dr. Richard G. Olsen

Paktra Veruttipong, Bangkok, Thailand; B.S. (Chulalongkorn University); M.S.; *Pharmacy*;
Dr. Carter L. Olson

Stephen J. Vesper, Kettering, B.S. (Xavier University); M.S.; *Environmental Biology*;
Dr. Chester I. Randles

James Edward Watson, Worthington; B.A. (Asbury College); M.Div. (Columbia Seminary); M.C.S. (Regent College); M.Ed. (Florida Atlantic University); *Education*;
Dr. George P. Ecker

John F. Welchel, Columbus; B.S., M.S. (Purdue University); *Mechanical Engineering*;
Dr. Dennis A. Guenther

Lynette Hagen Willett, Fostoria; B.S., M.A. (Bowling Green State University); *Education*;
Dr. Joseph W. Licata

Esther Jane Williams, Columbus; B.S., M.A.; *Education*;
Dr. John J. Kennedy

Yuan-Fu Yu, Columbus; B.S. (Tamkang College); M.S. (University of Missouri); *Chemistry*;
Dr. Andrew A. Wojcicki

Tong-Kyung Kwak Yum, Seoul, Korea; B.S., M.S. (Yonsei University); *Home Economics*;
Dr. Marion L. Cremer

Master of Accounting

Gary Matthew Solomon, Painesville; B.S. (Bowling Green State University); M.B.A.; *Accounting*

Master of Applied Statistics

Chikahiro Kato, Higashi-Ikebukuro, Tokyo, Japan; B.S., M.S. (Keio University); *Statistics*

Master of Architecture

Hossein Afshari, Kashan, Isfahan, Iran; B.S. (Lawrence Institute of Technology); *Architecture*

Roberta Marian Pedersen, Milwaukee, Wisc.; B.A. (University of Minnesota); *Architecture*

Sittsakdi Poun, Bangkok, Thailand; B.Arch. (Chulalongkorn University); *Architecture*

Daniel Jensen Prosser, Whittier, Calif.; B.A. (University of Redlands); M.A., Ph.D. (Northwestern State University); *Architecture*

Shohei Sasaki, Hokkaido, Japan; B.Eng.Arch. (Musashi Institute of Technology); *Architecture*

Master of Arts

Mary Lou Albrecht, Columbus; B.A.; *Photography and Cinema*

Jaewook An, Seoul, Korea; B.A. (Kyunghee University in Seoul); *Economics*

Osenat Diuyemisi Andu, Oyo State, Nigeria; B.S. (Michigan State University); *Public Administration*

Rhonda Tucker Aronson, Columbus; B.F.A. (Boston University); *Journalism*

Kathy Marie Bandow, Dublin; B.S. (University of Wisconsin at Stevens Point); *Education*

Carole Hess Barkley, Dublin; B.S.; *Health, Physical Education and Recreation*

Deanne Mary Beckler, Wappingers Fls., N.Y.; B.A. (State University of New York at Plattsburgh); *Communication*

Janet Lynn Bennett, Worthington; A.B. (University of Michigan); B.S. (University of North Dakota); *Education*

Roman Douglas Berger, Sacramento, Calif.; B.S. (California State University at Sacramento); *Journalism*

Annette Sue Bissantz, Columbus; B.A. (Barnard College); *Linguistics*

Brent Lewis Bowen, Lancaster; B.S. (Ohio University); *Health, Physical Education and Recreation*

Marjike Breuning, Son, The Netherlands; B.A.; *Journalism*

Abu Bakarr Bundu, Freetown, Sierra Leone; B.Acc. (Avila College); *Public Administration*

Andrew Michael Calabrese, Trenton, N.J.; B.A. (Denison University); *Communication*

Scott David Cameron, Gallipolis; B.S.; *Education*
Kathleen Ann Campbell, Columbus; B.S.; *Education*

Aleta Fitzgerald Cantrell, Columbus; B.S. (Pennsylvania State University); M.A. (Atlanta University); *Education*

Kimberly Ann Caris, Galion; B.S.; *Psychology*

Mel-Lin Chang, Columbus; B.L. (National Chengchi University); *Economics*

Judith Ann Chosy, Worthington; B.S. (University of Omaha); *Education*

Irving Christenson, Reynoldsburg; B.A. (Capital University); *Education*

Shung Jen Chu, Taiwan, R.O.C.; B.A. (Chinese Culture University); *Education*

Janis Elaine Clayton, Newark; B.S.; *Education*

Deborah Lynn Coleman, Columbus; B.A. (Otterbein College); *Education*

Cathryn Devan Conroy, Columbus; B.A. (The Cleveland State University); *Communication*

Luciano Corte, Brookpark; B.A.; *Romance Languages and Literatures*

Laura Theil Dahlem, Dayton; B.A.; *Communication*

Michael Kevin Davis, Columbus; B.A., B.S.; *Health, Physical Education and Recreation*

Christina Uribe De-Nivia, Bogota, Columbia; B.A. (Universidad Javeriana); *Industrial Design*

Wayne Richard DeWitt, Moscow, Idaho; B.S. (University of Idaho); *Philosophy*

Rtcd L. Dill, Greenville; B.M.E. (Moorehead State University); *Education*

Freddy Radhames Dominguez-Castro, Santo Domingo, Dominican Republic; Licenciante (Autonomous University of Santo Domingo); *Economics*

Jennifer Isabelle Douge, Columbus; Diploma (Burwood State College); *Education*

Nand Ellen Drum, Columbus; B.S.; *Education*;

Alfred Jay Drumm, Columbus; A.B. (Ohio University); *Education*

Paulinus Anadobe Emesue, Abagana, Anambra State, Nigeria; B.S. (University of Nigeria at Nsukka); *Education*

Olivia Flakes, Nashville, Tenn.; B.S. (Tennessee State University); *Sociology*

Mary Beth Flanagan, Columbus; B.A. (Otterbein College); *Health, Physical Education and Recreation*

Karen Jean Gaunt, Mansfield; B.S.Ed. (Bowling Green State University); *Health, Physical Education and Recreation*

- Joseph Amiel Giampapa**, Columbus; B.S., J.D.; *Public Administration*
- Bonnie Gayle Gregg**, Columbus; B.A.; *Communication*
- Ewa Janina Griffin**, Columbus; Magister (University of Poznan Poland); *Slavic and East European Languages and Literatures*
- Joan Elizabeth Grundey**, Worthington; B.S.; *Education*
- Liping Gu**, Peking, P.R.C.; B.A. (Peking University); M.A. (Academy of Sciences of China); *East Asian Languages and Literatures*
- Pradeep Gupta**, Normal, Illinois; B.Commerce (University of Calcutta, India); Diploma (Sydenham College, Bombay, India); M.A. (University of Bombay, India); *Economics*
- Frances Myron Hale**, Columbus; B.A. (Miami University); *Communication*
- Deborah Denise Hardy**, Columbus; B.A. (Adelphi University); *Black Studies*
- Joseph Edward Havranek**, Columbus; B.S. *Public Administration*
- Rosanne Miller Hickman**, Grove City; B.S.N. (Capital University); *Education*
- Cheryl Ann Hoagland**, Worthington; B.S.; *Education*
- Sally Georgette Hoyle**, Columbus; B.A. (Brandeis University); *Psychology*
- Peri Iz**, Columbus; B.S., M.A. (Hacettepe University); *Business Administration*
- Regan James**, Columbus; B.A. (Case Western Reserve University); *Communication*
- Steven Gary Jewell**, Galloway; B.S.; *Public Administration*
- Stacey Jurhree**, Dallas, Texas; A.S. (Elcentro College); B.S. (Eastern New Mexico University); *Black Studies*
- Lin-jin Shen Kao**, Taipei, Taiwan, R.O.C.; B.Ed. (National Kaohsiung Teachers' College); *Education*
- Miyoko Kato**, Bunkyo-ku, Tokyo, Japan; B.A. (Mansfield State College); *East Asian Languages and Literatures*
- Kathy A. Kerr**, Columbus; B.S.; *Education*
- Paula Nan Kessler**, Binghamton, N.Y.; B.A.; *Education*
- Jennifer Lynn Evars Kinsley**, Baltimore; B.Ed. (Bowling Green State University); *Art Education*
- Bryan Keith Krieder**, Marysville; B.A.; *English*
- Wai Fong Lam**, Hong Kong; B.S. (Chinese University of Hong Kong); *Journalism*
- Bradley Norman Lander**, Warren; B.A. (Purdue University); *Psychology*
- Elaine Beth Lawless**, West Jefferson; B.S.; *Education*
- Hwan Ho Lee**, Seoul, Republic of Korea; B.A. (Seoul National University in Korea); *Economics*
- William Wylie Leibensperger**, Columbus; B.S. (Miami University); *Education*
- Barbara Ann Levak**, Columbus; B.S. (Bowling Green State University); *Education*
- Denver Carl Lightner**, Columbus; A.B. (Ohio University); M.Ed. (Temple University); *Health, Physical Education and Recreation*
- Rhonda J. Ulley**, Columbus; B.S. (Southwest Missouri State University); *Psychology*
- Kathleen Ann Lipsi**, Danbury, Conn.; B.S. (Elmira College); *Communication*
- Rebecca Bryant Lockridge**, Columbus; A.B. (Indiana University); *Photography and Cinema*
- Judith Lombardo**, Columbus; B.A.; *Communications*
- Sharon Ruth Low**, Newark; B.S. (Kent State University); *Education*
- Wing Wah Lowe**, Hong Kong; B.Math. (University of Newcastle); M.S. (University of Washington); *Photography and Cinema*
- Susan M. Lucarelli-Caudill**, Chapel Hill, N.C.; B.A.; *Journalism*
- James David Luedeke**, New Bremen; B.A. (Asbury College); Cert. M.D. (Medical College of Ohio); *Education*
- Flora Jean Malloch**, Thornhill, Ontario Canada; Cert. (Toronto Teacher's College); Ministry of Educ. (Prim. Methods 1&2); Ass. Piano Teacher's Dip. (Royal Conservatory of Toronto); *Education*
- Gregory Lee Mathews**, Columbus; B.S.; *Psychology*
- Larry Moore**, Chillicothe; B.A. (Fairmont State College); *Education*
- Peter Joseph Morell II**, Columbus; B.A. (University of Notre Dame); M.B.A. (University of Virginia); *Business Administration*
- Christina A. Morgan**, Newark; A.B. (Indiana University at Bloomington); *Education*
- Chappell Fred Nelson**, Clinton, Maine; B.A. (Colby College); *Health, Physical Education and Recreation*
- Gary Lee Nelson**, Columbus; B.S.; *Education*
- Mollie Neff Orth**, Worthington; B.S.; *Education*
- April Konneker Penderly**, Columbus; B.S.; *Education*
- Christine Ann Petrella**, Navarre; B.A.; *Communication*
- John Mahlon Pettibone**, Columbus; A.B., A.M. (University of Michigan); M.S.; *Photography and Cinema*
- Carlos Ivan Pierott**, Houston, Texas; B.A. (Prairie View A&M University); *Political Science*
- Susanne B. Pongratz**, West Germany; Zwischenprüfung (Albert-Ludwig's University Freiburg); *English*
- Sarah E. Rassenfoss**, Park Ridge, Ill.; B.A. (Purdue University); *Psychology*
- Edward Robert Ratterman**, Cincinnati; B.A. (University of Cincinnati); *Public Administration*
- Karl Fredric Rinehart**, Columbus; B.S. (University of New Mexico); *Health, Physical Education and Recreation*
- Floa Schnell Ripley**, Columbus; B.S.; *Education*
- Kay Louise Roach**, Zanesville; B.A. (Ohio University); *Education*
- LaVerne Robinson**, Fort Valley, Ga.; B.A. (Morris Brown College); *Psychology*
- Linda Kay Rowley**, Utica; B.S.; *Education*
- Cynthia Lynne Sampson**, Upper Arlington; B.S.; *Communication*
- Juan C. Sandi-Aramayo**, Belo Horizonte, Brazil; Educational Media Specialist (Pontificia Universidad Catolica del Peru); *Photography and Cinema*
- Jean Cunningham Sanner**, Grove City; B.S. (North Texas University); *Education*
- Evangeline Seltzer**, Reynoldsburg; B.A. (Wittenberg University); *Education*
- Sharon Shavitt**, Columbus; B.A.; *Psychology*
- Mary Stamper Sheward**, Columbus; B.S.; *Education*
- Robert Kenneth Shields**, Canal Fulton; B.A. (Mount Union College); *Slavic and East European Languages and Literatures*
- Kathie C. Shockey**, Columbus; B.S.; *Psychology*
- Michelle Rose Sirene**, Sandusky; B.F.A.; *Art Education*
- Salakjit Sirphan**, Bangkok, Thailand; B.A. (Chulalongkorn University); *Education*
- Yau Chit Sui**, Hong Kong; B.Mus. (The University of Michigan); *Music*
- Timothy Wayne Skamler**, Gahanna; B.A. (Capital University); *Education*
- Dee Ann Smith**, Dayton; B.S. (Bowling Green State University); *Communication*
- Janet Claxton Smith**, Columbus; A.B. (Duke University); *Political Science*
- Victoria E. Snell**, Columbus; B.A. (Kenyon College); *Romance Languages and Literatures*
- Lawrence Edmund Sommers**, Northbrook, Ill.; B.A. (Purdue University); *History*
- Bruce William Stassfurth**, Gahana; B.A.; *Education*
- Lorna Schwab Strayer**, Sandusky; B.A.; *Communication*
- Dee Sun**, Shanghai, P.R.C.; M.A. (Shanghai Institute of Finance and Economics); *Economics*
- Ah-Thau Tan**, Kuala Lumpur, Malaysia; B. Letter (National University Malaysia); *Education*
- Sharon Marie Traud**, Bellefontaine; B.S. (Bowling Green State University); *Education*
- Pamela Jo Trueblood**, Delaware; B.S.; *Education*
- Brent Walker**, Westerville; B.A. (Otterbein College); *Education*
- Ronald Darryl Wallace**, Arlington, Va.; B.S. (Virginia State University); *Health, Physical Education and Recreation*

Mikel C. Walschlaeger, Worthington; B.S. (University of Colorado); *Communication*

Linda M. Walters-Page, Columbus; B.A. (Rollins College); *Communication*

W/n-Ling Wang, Taipei, Taiwan, R.O.C.; B.A. (Soochow University); *Education*

David William Warner, Columbus; B.A. (Capital University); *Education*

Randi Sue Weisberger, Gardiner, Maine; B.A. (University of Maine); *Education*

Richard Arthur Whalte, Washington C.H.; B.A. (California State University at Hayward); *Sociology*

Eugene Philip Whetzel, Columbus; B.A. (Pennsylvania State University); *J.D.; History*

Alma Jean Whiteside, Columbus; B.A.; *History*

Patricia Louisa Willis, Xenia; B.S. (Urbana College); *Education*

Debra Lynn Wolkoff, Beachwood, B.A. (Case Western Reserve University); *Communication*

Sally Kay Woodie, Canton; B.S. (Ashland College); *Communication*

Susan M. Worley, Columbus; B.A. (University of Missouri); *Psychology*

Charles Ross Zalic, Columbus; B.S.; *Public Administration*

John P. Ziemak, Maple Heights; B.A. (Kent State University); *Psychology*

Shelia George Zinn, Grove City; B.S. (Ohio University); *Education*

Master of Business Administration

Cheryl Lee Baker, Columbus; A.B. (Ohio University); *Business Administration*

Marydee W. Chalfant, Columbus; B.A. (Sweet Briar College); *Business Administration*

Joseph Patrick Cowin, Waterloo, Iowa; B.B.A. (University of Notre Dame); J.D. (Capital University); *Business Administration*

Laura C. Cwengros, Clinton, Ind.; B.A. (DePauw University); *Business Administration*

Frederick Dawson, South Shields, Tyne & Wear, England; B.S. (Leicester University); *Business Administration*

Karen Patricia DuBols, Columbus; B.S. (Bowling Green State University); *Business Administration*

Robert Joseph Feeley, Lorain; B.S.; *Business Administration*

Thomas Kehoe Flaherty, Newark; B.A., M.A. (University of Dayton); *Business Administration*

Toni Bibb Fordino, Middletown, Pa.; B.A. (Shippensburg State College); *Business Administration*

Vinaya Gogate, Sangli, India; B.S. (Shivaji University of India); M.S.E. (University of Akron); *Business Administration*

Paul Brian Holmes, Worthington; B.S.; *Business Administration*

Julie Ann Hunsicker, Akron; B.A.; *Business Administration*

William Edward Jacobs, Powell; B.B.A. (Ohio University); *Business Administration*

John Janowicki, Toledo; B.S.; *Business Administration*

Eben Nee Lim, Westerville; B.S.; *Business Administration*

Chung P. Park, Pickerington; B.S. (Seoul National University); M.S., Ph.D. (University of Utah); *Business Administration*

Timothy Alan Pirkle, Worthington; B.A.; *Business Administration*

Denise Saunders Putzke, Scottown; B.S. (Virginia Polytechnic Institute); *Business Administration*

Richard Allan Rand, Massillon; B.S. (University of Cincinnati); *Business Administration*

Robert William Rush, Columbus; B.S.; *Business Administration*

James William Schweitzer, Canton; B.S.; *Business Administration*

Ashraf Eman Self El Din, Agoza, Giza, Egypt; B.S. (Cairo University at Egypt); *Business Administration*

Deborah E. Shapiro, New York City, N.Y.; B.A. (Columbia University); *Business Administration*

Ann Bettina Shirk, Denver, Pa.; B.S. (Pennsylvania State University); *Business Administration*

Calvin Jay Erdman Smith, Bexley; B.S.; *Business Administration*

Martin Francis Soller, Marysville; B.S.; *Business Administration*

Joy Halley Tucker, Columbus; B.S.; *Business Administration*

Connie Sue Uicker, Newark; B.S. (Ohio University); *Business Administration*

Master of City and Regional Planning

Mitchell Alan Cutler, Dayton; B.A. (University of Dayton); *City and Regional Planning*

David Anthony Julian, Franklin; B.A. (Miami University); *City and Regional Planning*

Robert Delmar Klausner Jr., Redding, Calif.; B.A. (California State University at Chico); *City and Regional Planning*

Diana Wilhelm Pollock, Columbus; A.B. (Ohio University); *City and Regional Planning*

Jackson B. Reynolds III, Lebanon; B.A. (Miami University); *City and Regional Planning*

Stephen Jay Seaburn, Circleville; B.E.D. (Miami University); M.S. (University of Cincinnati); *City and Regional Planning*

Gary Dean Tallman, Wichita, Ks. B.A., M.A. (Wichita State University); *City and Regional Planning*

Master of Fine Arts

Carla Peterson, Columbus; B.S. (University of Illinois); *Art*

Master of Health Administration

Barbara Yeager Hyre, Columbus; B.S. (Ohio University); Med.Tech. (Mt. Carmel Medical Center); M.A.; *Hospital and Health Services Administration*

Albert McCulloch Tleche Jr., Beckley, W.Va.; B.S. (West Virginia University); *Hospital and Health Services Administration*

Master of Labor and Human Resources

Juana de America Cantazalez, Cabimas, Zulia, Venezuela; Nurse Tech. (Escuela de Enfermeras); R.Tech. (University Institute of Technology); *Management and Human Resources*

Sally Anne Eblin, Cleveland; B.S.S.W.; *Management and Human Resources*

Jerry Nestor Hall, Zanesville; B.S.; *Management and Human Resources*

Marilyn Manske Hinkley, Charleston, W.Va.; B.A. (Marshall University); M.A. (West Virginia College of Graduate Studies); *Management and Human Resources*

Peter Vernon LeBlanc, Columbus; B.A. (Miami University); *Management and Human Resources*

Andrew T. McCoy, Elmira, N.Y.; B.A. (Colgate University); *Management and Human Resources*

Edward L. Ostrowski Jr., Campbell; B.S.; *Management and Human Resources*

Ruth A. Rehak, Springfield B.A. (Cleveland State University); *Management and Human Resources*

Charles Fredrick Shide, Larimore, N. Dakota; B.S.S.W. (University of North Dakota); *Management and Human Resources*

Harvey Byron Waugaman, Greensburg, Pa.; B.S. (California State College); *Management and Human Resources*

David Wietecha, Grand Blanc, Mi.; B.A. (Michigan State University); *Management and Human Resources*

Master of Landscape Architecture

Virginia Lockett Russell, Harrodsburg, Ky.; B.S.L.A. (University of Kentucky); *Landscape Architecture*

Master of Music

Choonhee Lee, Korea; B.M. (Busan National University); *Music*

Master of Public Administration

Robyn Kay Baird, Columbus; B.S.; *Public Administration*

Dennis Patrick McNamee, Columbus; B.A.; *Public Administration*

Mellen W/u, Yang-Mei, Taiwan, R.O.C.; B.A. (The National Taiwan University); *Public Administration*

Master of Science

Tamara Abernethy, North Canton; B.S.; *Plant Pathology*

Raafat Sleiman Aboulnhon, Btekhny, Falouha, Lebanon; B.S. (Ohio University); *Civil Engineering*

Hamid Ali Almasoud, Riyadh, Saudi Arabia; B.S. (Riyadh University); *Electrical Engineering*

Hebatalla M. Amin, Cairo, Egypt; B.S. (University of Cairo); *Pharmacy*

Peggy Sue Anderson, Washington C.H.; B.F.A. (Ohio University); *Animal Science*

Makoto Arai, Tokyo, Japan; B.S., M.S. (Keio University); *Electrical Engineering*

Anas Hamid Awad-Elkarim, Khartoum, Sudan; B.V.Sc. (University of Khartoum); *Biochemistry*

Steven Michael Babineaux, Columbus; B.S.; *Pharmacy*

Michelle Kay Baker, Columbus; B.A. (Otterbein College); *Preventive Medicine*

Shankar Bantwal Baliga, New Delhi, India; M.S. M.Tech. (Indian Institute of Technology); *Physics*

Gregory Francis Barlike, Lincoln, Christchurch, New Zealand; B.Eng. (Canterbury University); *Agricultural Engineering*

William Edmund Beckley, Mount Vernon; B.S.; *Agricultural Education*

Theodore Owen Berner, Traer, Iowa; B.A. (University of Northern Iowa); *Zoology*

Chalongchai Boonrod, Bangkok, Thailand; B.Eng. (Chulalongkorn University); *Electrical Engineering*

James Brian Brechbuhler, Canton; B.S.; *Agricultural Economics and Rural Sociology*

Robert R. Britton, St. Clairsville; B.A. (University of South Florida); B.S.; *Mining Engineering*

Robert Charles Burch Jr., Columbus; B.S. (Ferris State College); *Geodetic Science and Surveying*

Mark Joseph Butler IV, Columbus; B.A. (Wittenberg University); *Zoology*

Janice Lee Campbell, Sacramento, Calif.; B.S.N. (Sacramento State College); *Nursing*

Kristine Koetting Campbell, Reynoldsburg; B.S.N. (Viterbo College); *Nursing*

William Joseph Carpenter, Youngstown; B.S. (Youngstown State University); *Computer and Information Science*

Deborah Sue Cassidy, Carrollton; B.S. (Ashland College); *Home Economics*

Celso De Filho Castro, Londrina, Parana, Brazil; B.S. (Luiz De Queiroz); *Agronomy*

Shang Hewi Chang, Pingtung, Taiwan, R.O.C.; B.S.; *Horticulture*

Sao-Chyi Chen, Taipei, Taiwan, R.O.C.; B.S.M.E. (National Taiwan University); *Mechanical Engineering*

Jayachandran Chandrasehan Chennat, Tripunithura, Kerala, India; B.Eng. (University of Baroda India); *Welding Engineering*

Yunchan Chi, Tainan, Taiwan, R.O.C.; B.S. (National Cheng-Kung University); *Statistics*

Alexander Clark Childs, Vineland, N.J.; B.S. (Stockton State College); *Physics*

Julio Ernesto Concepcion, Santo Domingo, Dominican Republic; B.S. (Liceo "Don Pepe Alvarez" Dominican Republic); D.V.M. (Universidad Autonoma De Santo Domingo); *Veterinary Pathobiology*

Susan Louise Connerton, Westerville; B.S. (Miami University); *Horticulture*

Denise Amelia Cortes, Chicago, Ill.; B.S. (University of Illinois at Champaign); *Pharmacology*

Roger Lee Costello, Davenport, Iowa; B.A. (St. Ambrose College); *Computer and Information Science*

Mary Ann Cox, Dayton; B.S. (Wright State University); *Nursing*

John William Cunningham, Upper Arlington; B.A., M.D.; *Preventive Medicine*

William E. Daehler Jr., Portsmouth; B.S.; *Natural Resources*

Susan Gay Dean, Wilmington; B.S. (Wilmington College); *Dairy Science*

Gary Allen Deatsman, Belleville; B.S. (University of Nebraska); M.A., Ed.D. (Arizona State University); *Computer and Information Science*

Annyers Ortiz de Dominguez, Columbus; Licenciata (Universidad Autonoma de Sto Dgo); *Agricultural Economics and Rural Sociology*

Susan L. Ditson, Columbus; B.S. (Wilkes College); *Chemistry*

Dorothea Rae Dreyer, Deer Park; B.S.N. (Edgecliff College); *Nursing*

James Arthur Dunkerley, Cincinnati; B.S. (Miami University); *Plant Pathology*

Herbert Ehler, Passau, Bavaria, West Germany; Vordiplom (Technische Universitaet Muenchen); *Computer and Information Science*

John Mark Erbaugh, Dayton; B.S. (University of Michigan) M.S.; *Agricultural Economics and Rural Sociology*

Chwei-Jer Fan, Taichung, Taiwan, R.O.C.; B.S. (Tungshai University); *Chemistry*

Todd Eaton Farrell, Stow; B.S.; *Horticulture*

Evan Michael Farris, Durham, N.C.; B.S.E. (Duke University); *Mechanical Engineering*

Mary Virginia Farris, Nashua, N.H.; B.S.E. (Duke University); *Mechanical Engineering*

Robert Erik Feltz, Columbus; B.S.; *Agronomy*

Samuel Donovan Fink, Columbus; B.S. (University of Notre Dame); *Chemical Engineering*

Martha Lyrne Fix, Batavia; B.S. (Wilmington College); *Agricultural Education*

Cynthia Rae Florkey, Columbus; B.S. (Wright State University); *Computer and Information Science*

Mark Edward French, Redford Twp., Mich.; B.S., D.D.S. (University of Detroit); *Dentistry*

Barbara Ott Glover, Pickerington; B.S.; *Computer and Information Science*

Mark Francis Goltz, Houston, Pa.; B.S.; *Natural Resources*

Robert Wenmer Gooding, Loudonville; B.A. (Miami University); *Agronomy*

Niall Michael Graham, Dublin, Ireland; B.A., B.A.I. (University of Dublin); *Computer and Information Science*

David John Grigger, North Royalton; B.S. (Cleveland State University); *Chemical Engineering*

Adam Cheng-Show Guu, Nei-Li, Taiwan, R.O.C.; B.S. (Taiwan Provincial College of Marine Science and Technology); *Welding Engineering*

Steven Thomas Hampson, Columbus; B.S. (The College of Charleston); *Computer and Information Science*

Jia-yuan Han, Soochow, China; B.S. (Chiao-tung University); Graduate (Graduate School of Academia Sinca); *Mathematics*

Douglas Eugene Harms, New Concord; B.S. (Muskingum College); *Computer and Information Science*

Chester Harrison Hine, Ashtabula; B.E.E.T. (Ohio Institute of Technology); *Electrical Engineering*

Kevin Michael Hoffman, Bryan; B.S. (Bowling Green State University); *Entomology*

William Richard Horton, Columbus; B.A. (New York University); *Mathematics*

Chien-ann Hou, Miaoli, Taiwan, R.O.C.; B.S.M.E. (Tsing Hua National University); *Welding Engineering*

Hai-An Hsu, Tainan, Taiwan, R.O.C.; B.S., M.S. (National Chung-Hsing University); *Horticulture*

Yan-Yi Huang, Taiwan, R.O.C.; B.S. (National Taiwan University); *Chemical Engineering*

- Jeng-Fong Hwang**, Taipei, Taiwan, R.O.C.; B.S.M.E. (National Taiwan University); *Welding Engineering*
- Hanan Javetz**, Tel-Aviv, Israel; B.S. (Technion-Israel Institute of Technology); *Civil Engineering*
- Andres Vello Karolin**, Columbus, B.S.; *Industrial and Systems Engineering*
- George David Keeney**, Portsmouth, B.S.; *Entomology*
- Hanan Kerr**, Cincinnati, B.S.; *Preventive Medicine*
- Donald Felt Kimball**, Lancaster, S.C.; B.S.; *Electrical Engineering*
- David Lawrence Kuack**, North Olmstead, B.S. (John Carroll University); *Horticulture*
- Jay Sanford Lampel**, Columbus; B.S. (Michigan State University); *Microbiology*
- Franz Dieter Langer**, Nordth, West Germany; Ing (Fachhochschule Kolu); *Electrical Engineering*
- Keeseong Lee**, Seoul, Korea; B.S. (Seoul National University); *Electrical Engineering*
- Sang Hak Lee**, Michigan City, Ind.; B.S. (Rose-Hulman Institute); *Chemical Engineering*
- Wonyoung Lee**, Seoul, Korea; B.S. (Seoul National University); *Industrial and Systems Engineering*
- Judith S. Leever**, Dayton, B.S.N.; *Nursing*
- Chih-Kuo Liang**, Ping-Tung, Taiwan, R.O.C.; B.S.E., M.S.E. (National Cheng Kung University); *Geodetic Science and Surveying*
- I-En Liao**, Silo, Taiwan, R.O.C.; B.S. (National Chengchi University); *M.S.; Computer and Information Science*
- Yu-Ling Liao**, Taipei, Taiwan, R.O.C.; B.S. (Chinese Culture University); *Agricultural Economics and Rural Sociology*
- Cheng-I Liu**, Taipei, Taiwan, R.O.C.; B.A. (Chinese Culture University); *Horticulture*
- James Patrick Lockwood**, Hawthorne, N.J.; B.A. (Rutgers University); *Mathematics*
- Timothy William Lohner**, Cincinnati, B.S. (University of Cincinnati); *Entomology*
- Austin Richard Long**, Amlin, B.S.; *Food Science and Nutrition*
- Seow-Phang Loong**, Blacksburg, Va.; B.S. (University of Minnesota at Twin City); *Agricultural Engineering*
- Jan B. Loveless**, Newark, B.A. (Texas A&M University); *Horticulture*
- Deborah Maria Lucas**, Springfield, B.S. (Denison University); *Zoology*
- Jean Lorraine Marshall**, Columbus; B.S.; *Pharmacy*
- Christopher D. McMacken**, Roseville, Mich.; B.S.E.E. (Michigan Technological University); *Electrical Engineering*
- Adnan Ishar Merchant**, Bombay India; B.Tech. (Indian Institute of Technology at Kanpur); *Mechanical Engineering*
- Patricia Mary Meyers**, Sandusky; B.S.N. (Kent State University); *Nursing*
- Terry Blake Mitchell**, Columbus; B.S.; *Physics*
- Russell Glenn Morgan**, Whitehouse; B.S.; *Electrical Engineering*
- Christina Jane Morris**, Bristol, Avon, England; B.S. (Queen Mary College); *Microbiology*
- Maria C. Muñoz-Araya**, Columbus; D.M.V. (Universidad de Chile); *Zoology*
- Miguel Angel Muñoz**, Aguada, Puerto Rico; B.S. (University of Puerto Rico); *Agronomy*
- Julie G. Murphy**, Gahanna, B.S.; *Chemical Engineering*
- Anne Cato Murrin**, Columbus; B.S.N. (Capital University); *Nursing*
- Tom Borje Nikander**, Helsinki, Finland; B.S., M.S. (Helsinki University of Technology); *Industrial and Systems Engineering*
- Sue Ellen Nokes**, Canal Fulton; B.S.; *Agricultural Engineering*
- Esmawi Bin Orfman**, Bintulu, Sarawak, Malaysia; B.S. (The University of Florida); *Agricultural Education*
- Zakaria El-Hadji Ousman**, MoussoRo, Kanem Chad; B.S. (Washington State University); *Diplome d'ingénieur (ENCR Bambeey Senegal); Agricultural Economics and Rural Sociology*
- Surapol Paerontong**, Lampang, Thailand; B.S. (Norwich University); *Electrical Engineering*
- Jose Patricio Palacios**, Quito, Pichincha, Ecuador; B.S. (Esc. Politecnica Nacional); *Electrical Engineering*
- Sriporn Panthruvanich**, Nonthaburee, Thailand; B.Pharm. (Chiangmai University); M.S. (Chulalongkorn University); *Pharmacy*
- Dean V. Papoutsis**, Columbus; B.S. (Pennsylvania State University); *Physiology*
- Hoong Yul Park**, Columbus; B.S. (Han Yang University); *Metallurgical Engineering*
- Nanette Pasquini**, Hasbrouck Heights, N.J.; B.S.; *Veterinary Physiology and Pharmacology*
- Linda Sue Peake**, Huntington, W.Va.; B.S.N., M.S. (Marshall University); *Nursing*
- Hadrian Peter**, Columbus; B.S., M.S. (University of the West Indies); *Computer and Information Science*
- Thomas George Petrak**, North Olmstead; B.S. (University of Cincinnati); *Mechanical Engineering*
- John Robert Pichtel**, Freehold, N.J.; B.S. (Rutgers University); *Agronomy*
- Anthony Alan Previte**, North Olmstead; B.S.; *Mechanical Engineering*
- Dadang Rachmad**, Bandung, Indonesia; (IR)Parahyangan Catholic University); *Civil Engineering*
- Cynthia Marie Randall**, Pensacola, Fla.; B.S. (Southern University); *Mechanical Engineering*
- Edward Thomas Rankin**, Stony Point, N.Y.; B.S. (St. Bonaventure University); *Zoology*
- Lori Pamela Rice**, Cleveland; B.S.; *Animal Science*
- Dennis Joseph Rietzman**, Coldwater; B.S.; *Agricultural Education*
- Rhonda Lareha Roberts**, Shelby; B.S.; *Biomedical Engineering*
- Berito Antonio Rodriguez**, Santiago, Dominican Republic; Agronomist (Instituto Superior de Agricultura); B.Sc. (Universidad Catolica Madre y Maestra); *Horticulture*
- Rosa Sorya Rolle**, Commonwealth of Dominica; H.N.D. (Grimsey College of Technology); *Food Science and Nutrition*
- Larry Dale Rollins**, Gaithersburg, Md.; B.S., D.V.M. (University of Illinois); *Veterinary Physiology and Pharmacology*
- Michael John Rosenfeld**, Shelbyville, Ind.; B.A. (Franklin College of Indiana); *Chemistry*
- Farid Sadeghipour**, Tehran, Iran; B.S. (Iran College of Science and Technology); M.S.; *Mining Engineering*
- Leonard H. Schleicher Jr.**, Erie, Pa.; B.S. (Edinboro State College); *Allied Medical Professions*
- Larry Dean Selbel**, Houston; B.S.; *Agricultural Education*
- Rajiv Sharma**, Columbus; B.S. (University of Delhi); *Computer and Information Science*
- Jessica Halstead Sharp**, Beckley, W.Va.; B.S.N. (Marshall University); *Nursing*
- Mark Byron Shepard**, Troy; A.B. (Duke University); *Agricultural Economics and Rural Sociology*
- Daniel Steven Skalsky**, Cleveland; B.S.; *Civil Engineering*
- Wanda Conkde Smith**, Columbus; B.S.N.; *Nursing*
- Steven Anthony Sommers**, Dayton, B.C.E. (University of Dayton); *Civil Engineering*
- Sung-Yell Song**, Jeonju-City, Korea; B.S., M.Ed. (Seoul National University); *Mathematics*
- Ann Shanelys Spotts**, Columbus; B.S. (Miami University); *Home Economics*
- Ronald James Stapleton**, Westerville, B.S.; *Chemical Engineering*
- Richard Byron Stewart**, Vandalia; B.S.; *Aeronautical and Astronautical Engineering*
- Judith Ann Stocksdale**, Wooster; B.S.; *Agricultural Economics and Rural Sociology*
- Kenneth John Stovick**, Thomville; B.S. (John Carroll University); ; D.D.S.; *Dentistry*
- Walter Ann Stringfellow**, West Memphis, Ark.; B.S. (University of Arkansas at Pine Bluff); *Agricultural Education*
- Sally Frances Stuart**, Columbus; B.S.; *Food Science and Nutrition*
- Andi Sugandi**, Jakarta, Sebatan, Indonesia; B.S. (University of Sussex); *Electrical Engineering*

Chih-Chung Sun, Taipei, Taiwan, R.O.C.; B.S. (National Chao-Tung University); *Electrical Engineering*

Treva Jane Swalm, Asheboro, N.C.; B.S.N. (Edgecliff-Xavier University); *Nursing*

Anne M. Swartzlander, Gibsonburg, B.S. (Iowa State University); *Home Economics*

Debra L. Tartell, Reynoldsburg, B.S.; *Home Economics*

William Donald Taylor, Huntington, N.Y.; B.S. (Rochester Institute of Technology); *Chemistry*

Hwie Ing The, Bandung, Indonesia; Insinyur (Institut Teknologi Bandung); *Civil Engineering*

Janet Leigh Thompson, Columbus, B.S. (Delaware Valley College); *Horticulture*

Gregory Charles Topp, New Bremen, B.S.; *Agricultural Engineering*

Yi-Ping Tseng, Taichung, Taiwan, R.O.C.; B.A. (National Taiwan University); *Engineering Mechanics*

David James Vicarel, Cuyahoga Falls, B.A. (Miami University); *Geology and Mineralogy*

Theresa Olivia Wells, Smithfield, Va.; B.S. (Hampton Institute); *Home Economics*

James Joseph Werner, Kettering, B.S.; *Entomology*

William Warren White, Columbus, B.A. (University of Louisville); *Mathematics*

Lucy Willis, Springfield, B.S.N. (Wright State University); *Nursing*

Stephen Ray Workman, Lynchburg, B.S.; *Agricultural Engineering*

Cheng-Pang James Wu, Taipei, Taiwan, R.O.C.; B.S. (National Tsing-Hua University); *Electrical Engineering*

Beth Florence Wigen, Columbus, B.A.; *Computer and Information Science*

James Bradley Young, Canal Fulton, B.S.; *Chemical Engineering*

Kwok Hing Yuen, Hong Kong, B.S. (California State University at Hayward); M.A. (University of Texas at Arlington); *Welding Engineering*

Janise Ann Zygmunt, New Hartford, Conn.; B.S. (University of Connecticut); *Agricultural Economics and Rural Sociology*

Certificate of Specialist in Translation from the Russian Social Sciences

Margaret Haskell Thurston, Machias, Maine; B.A. (University of Maine at Orono); M.A.; *Slavic and East European Languages and Literatures*

Master of Social Work

Catherine A. Diehl, Columbus, B.A. (Ohio University); *Social Work*

Elizabeth Marie Jones, Cincinnati; B.A.; *Social Work*

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College of the Arts
College of Biological Sciences
College of Humanities
College of Mathematical and Physical Sciences
College of Social and Behavioral Sciences

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James T. Carey, Westfield Center
Robert Peter Georgeff, Lorain
Elden Leslie Givens, Columbus
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College of Biological Sciences

Dean Patrick R. Dugan

Bachelor of Arts

Samuel Thomas Jones, Columbus

Bachelor of Science

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Marian Gail Funk, Cincinnati
Mary Elizabeth Gein, Newark
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Helen Kennedy Hilbert, Worthington
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Douglas B. O'Neill, Mansfield
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College of Mathematical and Physical Sciences

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Vickie Power-Pound, Newark
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Francis Joseph Tonello, Buffalo, N.Y.
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Mitchell Lee Arnold, Rockford
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Bruce Eugene Beacom, Marengo
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Elizabeth Jane Halter, Canton
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Kevin Myles Heller, Columbus
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Ronald Barry Cohen, Beachwood
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Reve Marie Smith, Portsmouth
Kathleen Marie Strauss, Youngstown
Dale Eugene Swartzentruber, Worthington
Wilhelm Vicenty, Guaynabo, Puerto Rico
David Aloysius Zories, Wyomissing

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Jeremy S. Baka, Mansfield
Philip M. Bowman, Portsmouth
Margaret Ann Breitenbach, Cincinnati
Jayne Christine Brim, Findlay
Lisa Gaye Burris, Whitehall
James Dean Crum, Columbus
Mark Anthony DePassio, Columbus
Martin Lawrence Deutsch, Toledo
Linda Donnelly, Elyria
Charles Ray Fairbanks, Columbus
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Narette Louise Halley, Huron
Mark Charles Hayward, Columbus
Steven Arthur Hecker, Mayfield Village
Karen Kay Kiger, Washington Court House
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Mary Frances Lyell, Niles
Lee Ann Mackulin, Columbus
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Jeffrey Paul Mayor, Berlin Heights
David Lee Miller, Sharon Center
Jolynn Kay Moes, Fostoria
Marilyn Wilson Phelps, Columbus
Julia Lynn Reibold, Springfield
Nancy Lynn Richtson, Upper Arlington
David Ross, Columbus
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Scott Robert Schumaker, Medina

Deborah Lynne Schwartz, Cleveland
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Vaughn M. Shelton, Columbus
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College of Administrative Science

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Dempsey Reno Adkins, Columbus
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Steven Frank Caruso, Alliance
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Thomas Warren Clark, Columbus
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John Arthur Fasold, Columbus
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Stephen Austin Fisher, Columbus
James Russell Flowers, Parkersburg, W.Va.
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Douglas Clay Hare, Akron
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Lynn Ann Heatwole, Newark
Lucinda Marie Hegele, Cincinnati
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Cheryl Marie Hintz, Cincinnati
Mary Frances Hoess, Columbus
David Neal Hoffmann, Columbus
Anthony Mark Hohenbrink, Toledo
Janet A. Horton, Chesterland
Michael Keith Horvath, Lima
Brian Van Houghton, Toledo
Phillip Terence Howard, Wilmington
Greg J. Hrehov, Marion
Susan Lynn Hughes, Blacklick
Blaine Bryce Hunkins Jr., Columbus
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Patricia Lynn Inman, Brecksville
Sahar Ismail, Worthington
Theodor Iwaszkiv, Broadview Heights
Gregory V. Jansen, Columbus
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David Bruce Kahle, Findlay
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Lamar James Keuchler, Marion
Erin Kay Keys, Ft. Wayne, Ind.
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Stephen Gregory Klein, Akron
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 Mark Edward Nussbaumer, Massillon
 Madge Lenora Nwachukwu, London
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 Ramly Bin Othman, K. Lumpur, Malaysia
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 William Joseph Popich, Columbus
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 Kenneth John Radziwon, Cincinnati
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 Bradley Alan Wall, Punta Gorda, Fla.
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 Joyce Kay Warner, Upper Arlington
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 Terese Jean White, Youngstown
 Stanley Scott Witekiewicz, Mayfield Village
 Donald Lanse Wilkins, Columbus
 Thomas Paul Wilkinson, Medina
 David Paul Williams, Lewisstown
 Michelle Marie Wilson, Columbus
 John Samuel Wilson, Gallon
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 Sharon Leete Ring, Sylvania
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College of Agriculture

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 Nik Abdul Aziz, West Malaysia
 Mark Theodore Bardall, Tippecanoe
 Chris Philip Bardos, Warren
 Chris Arlen Barnett, Mt. Gilead
 Ronald Allen Bauer, Macedonia
 Stephen Charles Blessing, Cincinnati
 Richard John Boehly, Atco, N.J.
 Timothy Gerard Bohner, Medina
 Allen John Bonnis, Lakewood
 Robert John Brockhage, Cincinnati
 Kathy Jo Burkholder, Greenville
 Timothy Vaughn Buskirk, Ray
 Sarah Susan Calhoon, Hilliard
 Roger James Clark, Minerva
 Jan Evan Collins, Crown City

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 Jerome Domitrowsky, Manville, N.J.
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 Philip Lee Evans, Laureville
 James Grant Fish, Ashland
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 Stephen Charles Grusenmeyer, Dayton
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 Jon Stanley Holkenborg, Sandusky
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 Michael Paul Kasler, Piqua
 Rebecca Jo Keller, Toledo
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 Debra Lee Koehler, Carrollton
 Fritz Koppatschek, Sylvania
 Mark Andrew Kroggel, Madison
 Wade Edward Lautzenheiser, Hartville
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 Randall Joseph Meyer, Columbus
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 Terrence L. Ochterski, Maple Heights
 Maki Okano, Tokyo, Japan
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 Kevin Michael Persinger, Washington C.H.
 Dan Jeffrey Peters, Amanda
 Robert Lee Peterson, Washington C.H.
 John Herbert Pierson, E. Hanover, N.J.
 Phillip Edward Ping, Oxford
 Connie Rae Roth, New Philadelphia
 Carol Sue Rowley, Columbus
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 Randy Lewis Seeger, Hamilton
 Alan William Smith, Dayton
 Kim Yvonne Smith, McConneville
 David Bryan Snider, Coolville
 Paul John Sodoma, Brockport, N.Y.
 Gregory Alan Spear, Chardon
 Michael Jerome Stanton, Greenfield
 Carolyn J. Stein, Minster
 Jeffery Thomas Stokes, Clyde
 James Jeremiah Sullivan, Plain City
 David Brian Sutton, Circleville
 Daniel Merritt Tonne, Cincinnati
 Daniel Deeds VanNess, Alexandria
 Robert Alex Vlasik, Columbus
 Laura Jane Welton, Medina
 Andrew Lee Wenkeker, Worthington
 Katherine Ann Weyler, Xenia
 Kevin Eugene Yount, West Manchester
 Connie Rae Zenz, Liberty Center

Bachelor of Science In Food Science

Ann Elizabeth Fitzgerald, Bedford, Tx.
David Alan Herbell, Parma
Carol Gay Trauenero, Tiffin

Bachelor of Science In Food Technology

Rhonda Sue Barlow, Canton
Kimberly Ann Pitzer, Hillsboro

Bachelor of Science In Nutrition

Edward Clay Noel, Bethel

School of Natural Resources

Director: Gordon E. Gatherum

Bachelor of Science In Natural Resources

Elizabeth Ann Bazer, Columbus
William Morton Cooper, Westerville
Frank Allen DiVito, Scottsdale, Az.
David Alan Drake, Toledo
Carla Jan Fields, Columbus
Carolyn Sue Friedel, Cincinnati
David Walter Homan, Columbus
Lorraine Lynn Homenuk, Lakewood
Jeffrey Joseph Koester, Ft. Jennings
Jeffrey William Lewis, Grove City
Jeffrey Owen Ludwig, Van Wert
Scott Robert Miller, Wooster
Paul Alan Patterson, Granville
Richard James Reau, Granville
Mary Christine Roesch, Sandusky
Terrie Ann Sima, Solon
Steven Alan Sugerman, University Heights
Stephen John Tortora, Columbus
Scott Devin Wall, Springfield

Agricultural Technical Institute

Associate in Applied Science

Norman Lee Anspaugh, Edon
Michael Andrew Birdley, Muskego, WI.
Daniel L. Bookman, Loudonville
Scott Roger Clark, Bellevue
Than Jay Cramer, Cincinnati
Erin Lynn Cusack, North Canton
Joanne H. Ebert, New Alexandria, Pa.
Michael Walter Gorman, Trenton
Paula Sue Hudson, Uniontown
Julie Kathryn Anne Kennedy, Aurora
Laban Eugene Kurtz, Cochranton, Pa.
John C. Lipps, Kinsman
Terry Anthony McKissack, Cleveland
Dennis Doyle Medford, Van Wert

Valeria Kay Rice, Magnolia
Jeffrey Lynn Setser, Minford
Douglas George Stuart, Olmsted Falls
Scott Christopher Taylor, Lorain
Rebecca Joy Wheeler, Madison
Rick R. Williams, Columbus
Mary Catherine Wright, Columbiana

College of Dentistry

Division of Dental Hygiene

Linda Marie Park, N. Canton

College of Education

Acting Dean: Donald P. Anderson

Bachelor of Science In Education

Donna Jane Anderson, Westerville
Linda Jane Antonone, Mingo Junction
Denise Catherine Arra, Chagrin Falls
Ibrahim Ningi Barau, Bauchi, Nigeria
James Alan Bartley, Delphos
James Franklin Bartoe, Heath
Margaret Edith Beckett, Athens
Nancy Ann Beery, Columbus
Nancy Pennton Bell, Polk
Rebecca Christina Bell, Whitehall
David Michael Biroshchak, Poland
Geri Lynn Blake, Marion
Connie Lynn Bockelman, Columbus
Marlene S. Brown, Marion
Sharon Anne Brown, Lima
Shelley Kay Brown, Sandusky
Rickey Eugene Browning, Columbus
Nancy Loyd Bryant, Columbus
Jeffrey James Buffer, Columbus
Lori Emma Childers, Dayton
Stephen Dennis Clark, Columbus
Beverly Ann Coppins, Cincinnati
Bradley William Cormany, Columbus
JoAnn Crabtree, New Carlisle
Kathy J. Cunningham, Newark
Mary Ann Custis, Columbus
Haruna Mani Daniel, Bauchi, Nigeria
Angela Lynn Davis, Columbus
Paula Sue Dotson, Bucyrus
Jacque Ellen Durco, Lima
Mary Beth Eddingfield, Cincinnati
Michael Chukwuma Eddoh, Bendel, Nigeria
Linda Sue Fanger, Lima
Beth Ann Fishing, Columbus
Louis C. Flocken, Worthington
Thomas Patrick Foley, Gahanna
Jeffrey Edward Foreman, Elyria
Laura Kathleen Foreman, Ashville
Jane Ann Fox, Fostoria
Christine Ann Fried, Youngstown
Susan Ann Gabor, Mansfield
Melanie Sue Garbig, Ada
Lynn Marie Geringer, Broadview Hts.
Cynthia Gerris, Hilliard

Nina Marie Gilbert, Hilliard
Linda Tarney Gordon, Columbus
Marsha Kelley Griffith, Mansfield
Denise Merkle Grossman, Gahanna, B.A.
Scott Edward Grover, Columbus
Jennifer Mary Hanlon, Columbus
Mohammed Hashim, Bauchi, Nigeria
Julie Lynne Henning, Morral
Seth Anthony Herrstein, Chillicothe
Frank Andrew Hildebrand, London
Theresa Marie Hoffer, Cambridge
Christopher H. Horstman, Scio
Brenda Lee Hoskins, Heath
Richard Harwood Hoskins, Columbus
Michael Thomas Hurdzan, Bridgeport
Mohammed N. Isa, Bauchi, Nigeria
Edward Bakari Jatau, Bauchi, Nigeria
Roberta Lynn Jones, Baltimore
Kenneth Carl Kesselring, Cincinnati
Mark Whitney Kisker, Cincinnati
Abbas Mohammed Lame, Bauchi, Nigeria
Mohammed Yahaya Lamido, Bauchi, Nigeria
Joni Marie Lee, Seattle, Wa
Jill Ann Lucius, Reynoldsburg
Gary Neil Lussan, Marysville, B.A. (University of North Dakota)
Diane Paula Mancino, South Euclid
Lynne Marie Mang, Canton
Linda Louise Mapes, Columbus
Debra Anne Marohn, Columbus
Christian Dean Martin, Intercourse, Pa.
John Paul Matteucci, Eastlake
Jayne Meyer, Clyde
Tafida Dagauda Mohammed, Bauchi, Nigeria
Jude Janguale Mokwami, Bauchi, Nigeria
Steven Mark Morris, Stow
Leslie Renee Morrison, Toledo
Cynthia Ann Mullins, Mansfield
Cathy Lin Murson, Reynoldsburg
Regina Marie Naseman, Anna
Karen Mary Nichols, Worthington
Elizabeth Ann Nonelle, Dayton
Jonathan Nwang, Bauchi, Nigeria
Clara Martin O'Connell, Grove City
Ann Christine Overholt, Ashland
Jodi Rouda Palmer, Columbus
Diane Marie Panzarella, Fairport Harbor
Robin Ann Parcel, Dennison
Gretchen Stor Peterson, Ashtabula
Larry L. Phillips, Vienna, W.Va.
Julie Lynn Plank, Bexley
Joy Michele Polly, Euclid
Dana W. Porter, Columbus
Dawn Hamblin Porter, Mansfield
Kathleen Laree Pynch, Columbus
Elizabeth Ellen Queen, Columbus
Kathy Lynn Rapenport, Columbus
Rebecca Lynn Reed, Columbus
Paula Ann Resanovich, Canton
Christine Ann Riley, Columbus
Melissa Kim Roberts, Columbus
Lawrence Freeman Rodgers, Columbus
Joel Nathan Rosen, Pepper Pike
Beth Ellen Sadler, Findlay
Michelle Jayne Sanders, Elida
Diana Sloan Schlauffman, Nova
Keith Eldon Schlumbohm, Bradner
Judith Claire Schnoor, Columbus
D. Kimberly Selover, Elida

Ann Louise Shaffer, Butler, Pa.
Jerry Ray Shaw, Bluffton
Vicki Ann Sherman, Columbus
Camille Marie Singerman, Mentor
Susan M. Sites, Lima
Kim Annette Snyder, Powell
Deborah Faye Sobel, Columbus
Jacqueline R. Soloveiko, Stow
Karen Lee Stansberry, Columbus
Marilyne Kay Stewart, Anna
Twilah Jean Swiger, Maplewood
Lisa Jo Thogmartin, Richwood
Laurie Tomaszewski, Clifton
Vince Michael Trombetti, Columbus
Mark Alan Vassar, Castalia
Nadine Therese Vulich, Youngstown
Joy Ann Wagner, Urbana
Shirley Border Waggy, Pataskala
Sheila Faye Walker, Columbus
Sarah McKinley Ward, Columbus
Sharon Joanne Washington, Columbus
Mary Patricia Weir, North Olmsted
Raymond A. Weithman Jr., Columbus
Lisa Ann Westhoven, Dublin
Robin Ann Wexler, Savannah, Ga.
Patricia Kay Wilhelm, Cardington
Shirley Faye Williams, Columbus
Marguerite A. Williams, Mansfield
Kai Fun Wong, Columbus
Musa Mele Zambuk, Bauchi, Nigeria
Reta Lynn Zody, Lucas

College of Engineering

Dean Donald D. Glower

Bachelor of Science in Aeronautical and Astronautical Engineering

Kenneth Earl McCabe, Plain City
Andrew Solire Kididis, Columbus
David Peter O'Connell, Columbus
Jeffrey Scott Worth, Columbus

Bachelor of Science in Agricultural Engineering

Michael Robert Inkrott, Leipsic
Charles Edward Platt III, Columbus
John Charles Rochotte, Avada
Wesley Allan Wagner, Lancaster
Scott Michael Weygandt, Chagrin Falls

Bachelor of Science in Aviation

Debra Lynn Arnold, Columbus
David James Kress, Mansfield

Bachelor of Science in Ceramic Engineering

Steven Francis Geiger, Logan
George William Singleton, Zanesville

Bachelor of Science in Chemical Engineering

Hashim Bin Ahmad, Kedah, Malaysia
Richard Harsha Brandon, Cincinnati
Lee Scott Burroughs, Batavia
Mitchell Alan Dickerson, Coshocton
Clarice Joan Hanusz, Newark
Sudhir Swanup Jindal, Chillicothe
Carolyn Marie Lin, Willowick
Carl Norman, Columbus
Morad Razmiafshari, Tehran, Iran
Thomas Anthony Regrut, Dublin
Eric Louis Rohr, Canton
Ariel Antonio Sanmartin, Panama, Panama
Christopher Peter Stolarski, Bexley
Clark Brian Wade, Marysville
Kevin Michael Weithman, Genoa
Bruce Ken Wishon, Bethel Park, Pa.

Bachelor of Science in Civil Engineering

Jackie Rhea Craig Jr., Lima
Michael Allan Dzumak, Maple Heights
Stephan George Janosko Jr., LaGrange
Mohamed Jiraki
Raymond Semaan Kalouche, Beirut, Lebanon
Robert James Kuszmaul, Warren
Andreas Mikhomazi Manana, Mbabane, Swaziland
Leslie Lynn Morton, Chesterland
Hamid Pourvakil, Tehran, Iran

Bachelor of Science in Computer and Information Science

Christopher Lee Booth, North Canton
Michael Alan Clinger, Mansfield
Tamara Jo Collins, Westerville
Susan Elizabeth Davis, Akron
Marc William Edwards, Cincinnati
Terence Joseph Geck, Cleveland
Robert William Hake, Columbus
James Michael Holcomb, Cincinnati
Merete Jordal, Hryanger, Norway
Donald Charles Kearley, Rootstown
Nick G. Minchenko, Reynoldsburg
Tim Allen Rogers, Mt. Sterling
Gregory Lawrence Sink, Columbus
Thuy Ngoc Tran, Columbus
Aadne Tveit, Bergen, Norway

Electrical Engineer

Clifton Hugh Dawkins, Kingston, Jamaica
Tomas Delgado, Pasto, Colombia
Tae-Hoon Kim, Columbus
Mehdi Mansoori, Tehrani
Anthony Paul Messuri, Youngstown

Bachelor of Science in Electrical Engineering

Arif Ahmed Abassi, Lahore, Pakistan
Jody Lynn Alders, Youngstown
Arman Andpilib, Tehran, Iran

Kayban Barin, Tehran, Iran
Jeffrey Richard Bennett, Warren
Eric Peter Bohley, Columbus
Denise Elaine Boyd, Huber Heights
Gregory Scott Burgess, Proctorville
Philip Douglas Crary, Chagrin Falls
Tho Van Dang, Gahanna
John Ralph Dombey, Bay Village
Timothy Erjavec, Euclid
Patricia Weichenthal Fleming, Marion
Jeffrey Alan Fronk, Worthington
Curtis Allen Gage, Poland
Steven Lee Harmon, Columbus
Steven David Hoeng, Fairborn
Mahammed Imran, Karachi, Pakistan
Lawrence William Leasko, Mentor
Thomas John Petic, Broadview Heights
Lisa Lee Pickens, Columbus
Robert Paul Precht, West Chester
David Charles Reynolds, Hudson
Michael Clinton Reynolds, Charleston, W.Va.
Mark Scott Rodgers, Heath
John Michael Semler, Marion
Gene Tuney Skuss, Columbus
John Lloyd Staller, Canton
Robert Arthur Stevens Jr., Cincinnati
Joseph Graham Tanner, Columbus
Frank Jason Tipton, Xenia
Todd Michael Turnbull, Columbus
Jamie K. Wacker, West Milton
Robert Richard Ware, Dayton
Jane Wai-Chun Yee, Columbus

Bachelor of Science in Industrial and Systems Engineering

Mohammad Aghlimehrizi, Yazd, Iran
Nancy Ann Apke, Cincinnati
James Edward Baumiller, Youngstown
Craig Barclay Berton Jr., Dayton
Chan Yong Choong, Singapore
Jennifer Lynn Cole, Akron
James Arthur Dawsey, Ashtabula
Megan Kathleen Drake, Columbus
Glenn David Evans, Akron
Margaret Dooley Frye, Springfield
Amin G. Haghghi, Columbus
Patrick John Hentosh, Hubbard
Robert J. Knapp, Wadsworth
Constance Marie Korns, Sandusky
Janet Ann Lin, Prairie Village, Ks.
Ivana Lukac, Cleveland
Thomas James Mason, Bexley
Peter Grant McParlin, Worthington
Cheng Lim Ng, Malaysia
Parviz Nowzari, Tehran, Iran
Richard Lee Rolandelli, North Olmsted
Beth Ann Rosa, Wakeman
John Thomas Russell, Doylestown, Pa.
Timothy Gerard Schon, Cincinnati
Joan Frederick Steel, South Euclid
Michael Lee Zimmerman, Wooster

Bachelor of Science in Mechanical Engineering

Paul W. Baker, Shelby
Duane Edward Bassett, Dayton
John Daniel Bishop, Middletown
Daniel Harton Bradley, Lorain
David Lawrence Brooks, Nashport
Corinne Cannelli Buoni, Columbus
Loren Stephen Day, Columbus
Brian Keith Eschenauer, Broadview Heights
Robert Paul Fiffick Jr., Grove City
Brian Ray Fortner, Navarre
John Thomas Hohman, Columbus
John Daniel Kaskewsky, Marietta
Andrew Scott Kreager, Avon Lake
Kenneth N. Ku, Taipei, Taiwan
Michael Arthur Kusnir, Barberton
Bradley Frederick Kuvin, S. Euclid
Timothy Hargraves Lawler, Columbus
Thomas Raymond McCray Jr., Oakwood Village
Mansour Mesbah, Karadj, Iran
Sina Naghshineh, Ahwaz, Iran
Tien Manh Ngo, Columbus
Anthony Perry Jr., Cleveland
Peter Jonathon Finter, Elyria
Donald Ralph Scharf II, Amherst
James Allen Schrader, Marysville
Robin Kam Smith, Cincinnati
Robin Scott Stocking, Brook Park
John Michael Tulloss, Utica
Timothy John Velegol, Colliers, W.Va.
Kirk Louis Wirth, Middleburg Hts.
James Benjamin Zaboski, Chesterland

Bachelor of Science in Metallurgical Engineering

Hyun Sam Cho, Columbus
Mark Joseph Cola, Cleveland

Bachelor of Science in Mining Engineering

Daniel Robert Burton, Middleburg Hts.
Gregory Kliev Morrell, Price, Ut.
John Hayden Phelps, Chagrin Falls
Thomas Michael Roman, Uniontown

Bachelor of Science in Welding Engineering

Glenn Dean Dugger, Columbus
John Neil Miller, Columbus
Tim Allen Shoup, Waynesville

School of Architecture

Bachelor of Science in Architecture

Mustafa Mohamed Hemali, West Minster, Co.

Bachelor of Science in Landscape Architecture

Diane Marie Buterbaugh, Columbus
Gary Lloyd Collier, Sidney
Mary Louise McRury, Columbus

College of Home Economics

acting Dean: Lena Bailey

Bachelor of Science In Home Economics

Barbara Anne Albers, Brookpark
Penelope Sue Barnhart, Circleville
Debra Marie Baron, Lorain
Susan Mary Birnzand, Dublin
Teresa Belle Boley, Worthington
Teresa Kathleen Bruah, Newark
Tracy Jonell Callahan, Senecaville
Beth Ann Carey, Columbus
Tamyra Marie Champion, Montpelier
Marianne Clutter, Columbus
Angela Marie Daniels, Columbus
Susan Elizabeth Davis, McConnelsville
Carolyn Marie Fares, Columbus
Lori Lee Follmer, Cincinnati
Dionne Galloway, Hudson
Stacy Dale Griffen, Bay Village
Melissa Lynn Grove, Massillon
Leann Rose Gurney, Mansfield
Lisa Ann Hackworth, Bluffton
Joni Marie Helfer, Newark
Janelle Rae Hounshell, Dayton
Linda Elie Israel, East Palestine
Diane D'Elia Jadwin, Columbus
Andrea Lynn Johnson, Westerville
Rhonda Lynn Lashen, Columbus
Alison Elizabeth Lenzer, Cincinnati
LouAnn Livingston, Wyoming
Amy Jo Long, Columbus
Cynthia Ann Long, Gallon
John Michael Magary, Columbus
Nancy Pavey Martin, Gahanna
Deborah Susan Metsker, Colorado Springs, Co.
Mary Frances Miller, Zanesville
Maria Frances Nawrocki, Reynoldsburg
Kathleen Ann Nolan, Columbus
Julie Ann Power, Worthington
Shari Lynn Prato, Worthington
Mary Beth Shultz, Marion
Judy Mae Stemen, Bremen
Bethlia Ann Thompson, Columbus
Julie Evelyn Titon, Columbus
Kathleen Lacy Tremi, Akron
Barbara Marie VanOrman, Pickerington
Diane Michelle Wyatt, Columbus

Bachelor of Science in Nutrition

Mary Katherine Black, Worthington
Peter John Snouffer, Columbus

Bachelor of Science In Restaurant Management

Janette Marlee Belinske, Toledo
Melodie Sue Crail, Bucyrus

College of Law

Dean: James E. Meeks

Juris Doctor

John Richard Alexander, Dayton B.A. [Wright State University]
Joyce Battle-Link, Columbus B.A. [Washington University]
Jeremy William Brockwell, Cambridge B.A.
Russell Earl Camahan, Youngstown B.A. [Bowling Green State University]
Robert Carl Goldie, Columbus B.A. [Wittenberg University]
Richard Gilbert Hornig, Bay Village A.B. [Cornell University]
Richard L. Knuth, Hubbard B.S. [General Motors Institute]
Clifton Joseph Latiolais Jr., Columbus B.A.
Linda Joyce Lofton, Meridian, Miss. B.A. [Missaps College]
Roberta Moro, Columbus B.A.
Raul Antonio Francisco Pedrozo, Kidron B.S. [Eastern Kentucky University]
Nancy Elizabeth Pierce, Guysville B.A. [Kansas State University]
Gregory James Rogers, Columbus B.A. [University of Notre Dame]
Lester Rushin III, San Jose, Cal. B.A. [Talladega College]
Steven Rodger Russi, Worthington B.S. [Bowling Green State University]
James Robert Skidmore, Columbus B.M., M.M., [University of Illinois] D.M.A., [Catholic University of America]
Kim William Zerby, Columbus B.S. [Pennsylvania State University]

College of Medicine

Dean: Manuel Tzagournis, M.D.

Doctor of Medicine

David Roscoe Adam, Shelby A.B. [Miami University]
Leslie Comer Andes, Rocky River B.S.
Kerry Y. Patterson Cole, Greeville, Miss. B.A. [Tufts University]
Terry Gene Jones, Sallisaw, Okla. B.S. [Oklahoma State University]
Wayne Kivan Lawson, Toledo B.A. [Incarnate Word College]
Scott Ellis Patterson, Dover B.S.
Scott Lee Sargent, Kettering B.S. [Wright State University]
Margaret Dorian Skidmore, Washington, D.C. B.S. [Millikin University] B.M. [The Catholic University of America]

Jerry D. Smucker, West Liberty B.A. (Goshen College)
Nicholas Vincent Varrati III, Elkhound City Pa, B.S. (Duquesne University)
John Mark Zangmeister, Clyde B.A. (Case Western Reserve University)

Bachelor of Science in Allied Health Professions

Kathleen Anderson, Lancaster
Linda Lorraine Anderson, North Olmsted
Sara Lynn Bertsch, Hartsville
Laura Prahst Black, Parma
Laurie Ann Brizes, Elyria
Donna Marie Browning, Barberton
Diane Burkhardt Bruzese, Columbus
Anne Marie Cain, Cincinnati
Linda Ann Caylor, Tampa, Fla.
Tami Suzanne Chamness, Wapakoneta
Cheryl Ann Corrigan, Westerville
Susan Jane Craft, Columbus
Laura Mae Cron, Coldwater
Carol Anne Crum, Columbus
Deborah Lee Curran, Dayton
Marcia Lynn Custard, Westerville
Yvonne Ellen Cyr, Kettering
Mary Louise D'Amore, Brookfield
Sheila Ann Damren, Augusta, Maine
Michelle Hope Deutsch, Beachwood
Teresa Lynn Faisick, Springfield
Lisa Ann Fell, Trenton, N.J.
Janet Jane Fisher, Lancaster
Denise Marie Galletto, Tiffin
Sarah Lynn Geiser, Orville
Jennifer Marie Girtlen, Cincinnati
Jeri Christina Gompf, Cardington
Marsha Ilene Gottlieb, Dayton
Carla Ann Halki, Beavercreek
Mary Jean Hayden, Worthington
Suzanne Renée Helgeson, Worthington
Carol Ann Hopkins, Marietta
Harriet Sue Itkoff, Cincinnati
Janet Ann Kappen, Cincinnati
Edward Charles Kehres, Toledo
Tamara Jean Kellett, Columbus
Cassandra Lee King, Columbus
Kristina Marie Koehler, Columbus
Brenda Lee Koverman, Fort Loramie
Karen Ann Kuprus, Struthers
Hope Mary Levenhagen (Posthumously), Parma Heights
Marynelle Klamfloth Liston, Columbus
Lori Jo Long, Shadyside
Joseph Michael Mandula III, Seven Hills
Karen Sue Marconi, Stow
Julie Ann McGilivray, Columbus B.A. (Ohio Wesleyan)
Mary Margaret McMaster, Columbus
Margaret Ann Meslener, Lewisburg
Sandra Kay Muncy, Mechanicsburg
Ann Elizabeth Mushaben, Cincinnati
Doris Emma Pierce, Westerville
Isla Christine Price, Grove City
Nancy Lynne Puckett, Hamilton
Elizabeth Therese Reymann, Akron
Barbara Jo Rodemoyer, Grove City
Deborah Elaine Shoemaker, Columbus

Cheryl Ann Sinclair, Lorain
Mary Patricia Uhl, Toledo
Laurie June Unsicker, Mackinaw, Ill.
DeLee Kay Welch, Nevada
Bonita Elaine Williams, Cincinnati

Certificate of Post Baccalaureate Medical Technologist

Timothy Nelson Elhard, Columbus B.A. (Capital University)
Mihyun Kim, Seoul, Korea
B.A. (Kyung-Hee University, Seoul, Korea)

College of Nursing

Acting Dean: Kathryn T. Schoen

Bachelor of Science in Nursing

Kathleen Jo Bobick, Broadview Heights
Denise Lynne Bruchs, Youngstown
Pearline Byrd, Columbus
Rosetta Carr, Cleveland
Kris Anne Danielak, Fostoria
Lois Hostetler Douglass, Marshfieldville
Maria Sue Ehrlich, Centerville
Kimberly Ann Emich, Akron
Susan Marie Ewing, South Euclid
Barbara Ann Forsthooff, Centerville
Dianna Lynn Goolsby, Columbus
Karen Marie Gravenkemper, Dayton
Melaina Susan Grubich, Whitehall
Claire Jean Hadley, Youngstown
Rosemary Kay Hendricks, Springfield
Deborah Lynn Hinkley, Centerville
Donna Louise Hog, Louisville, Ky.
Deborah Jo Huston, Columbus
Kelly Jo Johnson, Oregon
Carolyn Sue King, Caldwell
Laura Kathleen Kohmann, Canton
JoAnn Krivetzky, Broadview Heights
P. Emily Lewis, Rushville
Andrew David Lohrer, Springfield
Elizabeth Anne O'Rourke, Columbus
Paul Timothy Phillips, Youngstown
Annette Marie Reed, Youngstown
Johanna Mae Rockwell, Salem
Mary Michelle Santangelo, Columbus
Ann Marie Shockey, Urbana
Rhonda Lynn Smith, Napoleon
Tracy Lynne Smith, Kenton
Faye Yvonne Terman, Mansfield
Clair Gerard Tosno, Toledo
Patricia Ann Walters, Columbus
Linda Sue York, Proctorville

College of Pharmacy

Dean: Albert H. Soloway

Bachelor of Science in Pharmacy

Paul Kenneth Dove, Columbus
Terri Helen Duga, Bexley
Lynn Marie Johnston, Blanchester

TaeHo Oh, Columbus
B.S. (Luriana College)
Neil Joseph Prezioso, Niles
Rita Faye Thomas, Columbus
Julie May Youmans, Gahanna
Thomas Guy Zimmermann, Cincinnati

College of Social Work

Dean: Richard E. Boettcher

Bachelor of Science in Social Welfare

Edmond Joseph Cotter Jr., Columbus
Mary Pandora Hipsher, Caledonia

Graduates with Honors

Criteria for graduation with honors are as follows:

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.

Cum Laude designates those graduating in the top 10% of the class (top 6% in the Colleges of the Arts and Sciences).

Summa Cum Laude designates those graduating in the top 3% of the class (top 1.5% in the Colleges of the Arts and Sciences).

With Distinction in Civil Engineering

Raymond Semaan Kalouche

With Distinction Electrical Engineering

Eric Peter Bohley

With Distinction in Entomology

Alan William Smith

With Distinction in Environmental Education

Elizabeth Ann Bader

With Distinction in Natural Resources Development

Jeffrey William Lewis

With Distinction in Speech and Hearing Science

Michelle Linda Yanof

Cum Laude

Duane Edward Bassett
James Edward Baumiller
Margaret Edith Beckett
Nancy Ann Beery
Michael Andrew Birkley
Laura Prahst Black
Allen John Bonnis
Nancy Lloyd Bryant
Diane Marie Chestnut
Michael Alan Clinger
Susan Elizabeth Davis
Joanne H. Ebert
Carla Jan Fields
Dana Hammond Fraser
Susan Ann Gabor
Carla Ann Halki
Mary Jean Hayden
Mary Frances Hoess
Theresa Marie Hoffer
Susan Lynn Hughes
David R. Ignaszewski
Deanne Marie Inman
Merete Jordal
Raymond Semaan Kalouche
Tamara Jean Kellett
Paula Jean Menghini
Mary Margaret McMaster
Keri Sue Morgan
Cynthia Ann Mullins
Cathleen S. Neal
Vickie Power-Pound
Elizabeth Ellen Queen
Diana Sloan Schlauffman
Vicki Ann Sherman
Jacqueline R. Soloveiko
Ann M. Swartz
Faye Yvonne Terman
Carol Gay Traunero
Steven Robert Young
Reta Lynn Zody

Cum Laude with Distinction in Animal Science

Robert Lee Peterson

Cum Laude with Distinction in Horticulture

Stephen Charles Blessing

Cum Laude with Distinction in Liberal Arts

Dale Eugene Schwartzentruber

Summa Cum Laude

Mary Elizabeth Adams
Dennis Andrew Bartelheim
Anne Elizabeth Bell
Sara Lynn Bertsch
Cathy Louise Ehrsam
Polly Thais Ferguson
Janet A. Horton
Mark Andrew Kroggel
Kathryn Alane Lurie

Carol Ann Maher
Sandra Kay Muncy
Ann Mason Porter
Arthur Wesley Samuelson, Jr.
Judith Claire Schnoor
Amy Elizabeth Smith
Joseph Graham Tanner
Yoke Wai Tung
Patricia Kay Wilhelm
Donald Lanse Wilkins
Kirk Louis Wirth

Summa Cum Laude with Distinction in Horticulture

Kathy Jo Burkholder

THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND ONE HUNDRED AND NINETY-FIFTH MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, December 8, 1983

The Board of Trustees met at its regular monthly meeting on Thursday, December 8, 1983, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: John D. Jacob, Chairman, D. James Hilliker, Edmund C. Redman, Leonard J. Immke, John W. Berry, Shirley D. Bowser, and Hamilton J. Teaford.

* * *

Minutes of the last meeting were approved.

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December 8, 1983 meeting, Board of Trustees

The Chairman, Dr. Jacob, called the meeting of the Board of Trustees to order at 12:00 noon. 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: John D. Jacob, Chairman, D. James Hilliker, John F. Havens, Edmund C. Redman, Leonard J. Immke, John W. Berry, Shirley D. Bowser, and Hamilton J. Teaford.

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Dr. Jacob reconvened the meeting at 1:30 p.m.

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ENROLLMENT--AUTUMN QUARTER, 1983

President Jennings called on Mr. Ihrig to present a report on the Autumn, 1983 enrollment situation.

Mr. Ihrig made the following statement:

Thank you, Mr. President. Mr. Chairman, before you is a brief report that provides the highlights of enrollment by the various categories within the University. I will not take the time to review that in detail, but I'd like to summarize part of the material from that report.

The efforts to reduce the numbers of undergraduate students on the Columbus campus have been successful for 1983. New, first quarter entering freshman were reduced by 270 students from the prior year; we reduced undergraduate transfer admissions and also the number of undergraduate students who had 'stopped out' for a quarter or so and had returned to the University. However, while reducing the numbers of entering students on the campus, two other factors had reversed the impact of these actions. First was that undergraduate retention increased for the continuing undergraduate students, which increased those enrollments 615 over the prior year. Our retention rates of first year/second year students, for example, are now at around 79.23 per cent, and that increase is about 5 per cent over what that retention rate was five years ago. In addition to the retained students--the retention of undergraduate students increasing, the numbers of graduate students reversed a declining trend since 1980, and we had 157 more graduate students this year than the previous year. So the overall result on the Columbus campus was 53,757 students, which is 319 above the previous year, which is about 6/10ths of a per cent increase, which is really steady-state--where we've been over the past five years.

In addition, on the regional campuses--all those campuses showed enrollment increases for the fiscal year--or for the 1983 academic year, and for a total increase on the regional campuses of 261. And our total University enrollment is at 58,359. And again, overall that is about a less than 1 per cent increase.

December 8, 1983 meeting, Board of Trustees

ENROLLMENT--AUTUMN QUARTER, 1983 (contd)

Based on these data and looking ahead for continuing improvements in the preparation of our undergraduate students, since currently some 25 per cent of our entering freshmen are placing in the top quartile in the ACT test scores and some 45 per cent of our freshmen enrollments are from the top 20 per cent of their high school classes, and with the continued emphasis we are having on improved high school preparation prior to coming to Ohio State, we think that our retention levels will be maintained at these high levels and probably in the future further increase. Based on that fact along with our graduate student enrollments, we've set planning targets for next autumn quarter (in 1984) for the entering freshman class of 6,500, and undergraduate transfers at 2,000. Our planning target for this year was 6,800, and this reduction--let me remind you that is not a part of the decrease of potentially up to 2,000 students that we were talking about if the funding levels from the state had been reduced. This is a part of our normal planning, looking ahead and taking into account our assumptions of maintaining our high retention rates and the number of students that will be here who are already enrolled for next year, and our graduate student enrollments. So our new targets for next year will be 6,500, heading toward an eventual steady-state where these fluctuations we have had over the last few years would be at around 6,600 entering freshmen. So for the next couple of years we are looking at a slight dip in that and then coming in at a steady-state level around 6,600.

We have alerted, through correspondence, the high school counselors throughout the State of Ohio, that there is a strong possibility that in early January we will be closing off admission to Ohio State, even up to two weeks earlier than the action occurred last year. But, the overall good news in all this is that OSU continues to attract the better prepared students at this University. That completes my report. If there are any questions, I will be glad to respond.

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**MEDICAL RESEARCH AND DEVELOPMENT FOUNDATION, INC.
BOARD OF TRUSTEES**

President Jennings called on Dr. Tzagournis to introduce the report on the Medical Research and Development Foundation.

Dr. Tzagournis made the following statement:

Mr. President, Drs. Robert Wall and Robert Fass are here; they are officers of the MRDF, and will present the report.

Dr. Wall made the following statement:

Dr. Jacob, President Jennings, the MRDF Board has now functioned for about four years plus, and with the passage of time and the fact that there are new members on the Board, I would like to make a few introductory statements.

December 8, 1983 meeting, Board of Trustees

MEDICAL RESEARCH AND DEVELOPMENT FOUNDATION, INC.
BOARD OF TRUSTEES (contd)

MRDF stands for the Medical Research and Development Foundation, which was created March 2, 1979. All faculty members of the College of Medicine who are members of the fourteen different clinical departments--that is, departments that are directly involved in patient care--and who are full-time members of the faculty, and who are M.D.'s, are automatically members. Each year these departments, who vary greatly in their mission, responsibilities and functions, have their elected finance committees draw up a plan of enrichment for that year, which, following approval by 75 per cent of their membership, the dean of the College of Medicine and the Practice Plan Committee, becomes binding on all members of that department for that fiscal year.

The function of the Board of Trustees of the MRDF is to serve as an agent to facilitate and monitor the functioning of these approved plans. The Board has four members from the administration appointed by title--the Chairman of this Board, the President of the University, the Chief Fiscal Officer, and the Dean of the College of Medicine--and six elected faculty members. The Board of the MRDF meets periodically, but the day by day work is done by one half-time accountant who is the only employee, and the officers of the Board. There is only one committee--the finance committee, whose members are Weldon Ihrig, Dr. Bob Fass who is Treasurer, Dr. Wooley who is Secretary, and I sit on it ex officio. We have no operating funds so we generate such funds by floating our enrichment funds; this is to pay minimal operating expenses for one employee and for our auditing fees each year, and a few office expenses. These funds have generated additional monies over our expenses which have been contributed equally to our operating fund to pay our expenses, to the Dean of the College of Medicine for whatever his priorities are for its use, and we return a third of it prorated to the departments who left the money to generate interest--otherwise we wouldn't have any money floating.

The functioning of the Board has been, to my perception at least, extremely amicable with a good exchange of ideas and common agreement on all issues at least to date. And with the new sense of stability and growth of our college and firm leadership both at the college and University level, and full cooperation of all the faculty members who are in MRDF, we have had no significant problems at this time that we haven't been able to handle.

There has been a steady growth in enrichment contributions for the programs by the MRDF members. Some departments have limited resources and some of them are more affluent. None have regressed in their programs and the more affluent have steadily increased their contributions which will be outlined by Dr. Fass. These enrichment programs support specific objectives and they are designed by the members of the department who best know what their needs are in that department which cannot readily be met by the restraints of University funding and its priorities. They fund the purchase of equipment: typewriters, computers, medical equipment, etc.;

December 8, 1983 meeting, Board of Trustees

MEDICAL RESEARCH AND DEVELOPMENT FOUNDATION, INC.
BOARD OF TRUSTEES (contd)

educational support for undergraduate and post-graduate students in the form of books, travel to medical meetings, start-up funds for student research and equipment; funding and equipment for newly recruited faculty as an important use of it; payment of visiting professors for research and teaching; and in some departments awards which have been given each year for excellence in teaching and research. Careful monitoring is made to assure that none of these monies return to any of the MRDF members which would jeopardize our nonprofit foundation status. We hope you will be pleased, as we are, with the increase of enrichment funds from our first fiscal year of approximately \$1.8 million to the projected 83-84 fiscal year of \$3.9, and an increase this year which will be approximately 33 per cent.

I guess with all that good news you always have some concerns. A major one is the new TEFRA tax law which has considerable impact on the practice of medicine in general, and particularly in teaching institutions such as ours. While the regulations are not entirely clear--as far as I know they might not even be written--they could significantly decrease the income particularly related to outpatient clinical functions. Dean Tzagournis and his staff have been aware of this and have shown a leadership role in trying to solve the problem. Besides the enrichment programs we have outlined, there are expenses to be paid in the outpatient clinic--these continue to escalate. In one department they have risen from \$79,000 to \$240,000 in only two years. Payment of these expenses comes from the same sources as the enrichment programs, and it is feared that if these expenses are not contained, and with the income decreases that could occur related to the TEFRA laws, it potentially could have an adverse effect on the continued growth of the enrichment programs.

Dr. Fass will report on the specifics of our function and we will try to answer any questions that we can when he is finished. We really appreciate the opportunity to address the Board.

Dr. Robert Fass made the following statement:

I will try and be brief and round most figures off.

Most of our money we keep track of along two lines. One line is the cumulative funds that are available from each of the fourteen departments. In fiscal year 82-83 the total budget for those fourteen departments was just under \$3 million; that amount was deposited and used for the stated purposes, and the cash balance at the beginning and the end of the year was approximately \$550,000. For the first quarter of 83-84 the fund float has been a little bit greater. As Dr. Wall pointed out, the budgets--accumulative budgets for the fourteen departments are just under \$4 million rather than just under \$3 million. And so far within the first quarter, \$1-1/3 million has been deposited. The current balance after the first quarter of the current year is just over \$1 million.

December 8, 1983 meeting, Board of Trustees

MEDICAL RESEARCH AND DEVELOPMENT FOUNDATION, INC.
BOARD OF TRUSTEES (contd)

The other sort of fund that we keep track of is the operation account fund which is the money that is generated from the interest from the fourteen departments leaving it there before that money is spent. For fiscal year 82-83, our opening balances and closing balances were \$96,000 and \$92,000 respectively. We generated \$73,000 in income from our investments--at about \$73,000, as Dr. Wall already pointed out, \$30,000 was given to the College of Medicine and \$30,000 was returned to the participating departments. Our actual expenses, our actual true operating expenses are only about \$17,000, and most of that was for our half-time employee. For the first quarter of the current fiscal year, again our opening balance was \$92,000 and to date we have generated almost \$26,000 in interest, leaving a balance as of the end of September of \$114,000. Our board of trustees at its last meeting again voted to give \$30,000 to the college and redistribute \$30,000 of that to the participating departments, leaving the balance within the operational account.

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REPRINTED STATUTES APPLYING TO THE UNIVERSITY,
BYLAWS OF THE BOARD OF TRUSTEES, AND
RULES OF THE UNIVERSITY FACULTY

Resolution No. 84-60

Synopsis: The reprinted Statutes Applying to the University, Bylaws of the Board of Trustees, and Rules of the University Faculty are presented for adoption.

WHEREAS the publications entitled Statutes Applying to the University, Bylaws of the Board of Trustees, and Rules of the University Faculty have been reprinted to conform to the changes approved by the Board of Trustees since the last date of publication in April, 1980; 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 September, 1983 be adopted as the official publication of the Board of Trustees.

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

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December 8, 1983 meeting, Board of Trustees

ART ACQUISITION POLICY

Resolution No. 84-61

Synopsis: Adoption of a policy for the acquisition of objects of fine art is proposed.

WHEREAS the University, over the years, has acquired outstanding collections of fine and decorative art and other objects and has a commitment to expand and enhance these collections to benefit teaching and research in the arts; and

WHEREAS the acquisition of objects of fine and decorative art having unique and individual characteristics and other objects of intrinsic historical or artistic value cannot, by its very nature, be accomplished by soliciting competitive bids:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Finance, upon the recommendation of the Dean of the College of the Arts, or other designated University official responsible for such collections, be authorized, on a continuing basis, to purchase, without competitive bidding, objects of fine or decorative art or other objects to be collected for and on behalf of the University from funds authorized for such purposes, upon such terms and conditions as are deemed to be in the best interest of the University, but not to exceed \$100,000.00 per art work or collection based on an appraisal (or appraisals) acceptable to the University.

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

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PERSONNEL ACTIONS

Resolution No. 84-62

Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Appointment of Department Chairpersons, Appointment of Acting Director, Professional Improvement Leave--Cancellation, and Emeritus Titles are recommended for approval.

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the November 4, 1983 meeting of the Board, including the following Appointment of Department Chairpersons, Appointment of Acting Director, Professional Improvement Leave--Cancellation, and Emeritus Titles as detailed in the University Budget, be approved.

Appointment of Department Chairpersons

October 1, 1983 through October 31, 1983

Civil Engineering

Zoltan A. Nemeth*

*Acting Chairperson

December 8, 1983 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Appointment of Department Chairpersons (contd)

November 1, 1983 through June 30, 1987

Civil Engineering Robert L. Sierakowski

January 1, 1984 through June 30, 1987

Educational Policy and Leadership Charles M. Galloway

January 1, 1984 through December 31, 1987

Metallurgical Engineering George R. St. Pierre

Appointment of Acting Director

October 1, 1983 through June 30, 1984

ElectroScience Laboratory Leon Peters, Jr.

Professional Improvement Leave--Cancellation

DANIEL R. BARNES, Associate Professor, Department of English, effective Autumn Quarter 1983 and Winter Quarter 1984.

Emeritus Titles

MORRIS L. BATTLES, Department of Ophthalmology, with the title Professor Emeritus, effective July 1, 1983.

HENRY J. MEDERSKI, Department of Agronomy, with the title Professor Emeritus, effective December 1, 1983.

WENDELL W. LITT, Cooperative Extension Service, with the title Assistant Professor Emeritus, effective September 1, 1983.

SIGEL G. STOCKER, Agricultural Technical Institute, with the title Assistant Professor Emeritus, effective July 1, 1983.

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

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RESOLUTIONS IN MEMORIAM

Resolution No. 84-63

Synopsis: Resolutions honoring the service of five of the University's faculty members who have recently died are being proposed.

December 8, 1983 meeting, Board of Trustees

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.

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

Harold J. Grimm

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on November 10, 1983 of Harold J. Grimm, Professor Emeritus, Department of History, College of Humanities.

Dr. Grimm was born in Saginaw, Michigan in 1901. He took the B.A. degree from Capital University in 1924, and his M.A. and Ph.D. degrees from The Ohio State University in 1928 and 1932 respectively. He was appointed as assistant professor in 1937, associate professor in 1942, professor in 1947, and then went as professor and chairman of the Department of History at Indiana University from 1954-1958. Dr. Grimm returned to Ohio State in 1958 and served as Department Chairman from 1958-1967.

Dr. Grimm's speciality was Reformation history and his textbook on the Reformation has been widely used for over two decades. He was truly a distinguished student of Martin Luther and of the social impact of the Reformation throughout Europe. In the course of his career Dr. Grimm served as President of the American Society of Church History, as President of the American Society for Reformation Research, was a charter member of the Foundation for Reformation Research, and was elected a Member of the Royal Historical Society and of the Royal Society of Arts.

Dr. Grimm was known as an inspiring teacher, and one who was thoroughly dedicated to this University and to his adopted state. His talents and interests were recognized when he was named Honored Professor of the Year in Arts and Sciences (1950), and when he received the Alumni Award for Distinguished Teaching in 1963. He also received a Distinguished Service Award from this University and from Capital University as well. Dr. Grimm's devotion to the state is seen in his long service on the Board of Trustees of the Ohio Historical Society, during which he served two years as President (1973-75).

Professor Grimm always believed it his duty to support his local community as well as his University. For seven years (1940-47) he served on the Board of Trustees of the Bexley Public Library, and for six years (1948-54) on the Board of Trustees of the Bexley Public Schools.

Dr. Grimm was named Regents Professor in 1968 and retired in 1972. Five years later, in 1977, he published a widely acclaimed book on Lazarus Spengler, a lay leader of the Reformation. Harold Grimm's life was an example to his many graduate students and to his colleagues as well that scholarship can be a delight throughout a long and useful life. Dr. Grimm died on the day the world was celebrating the 500th birthday of Martin Luther.

December 8, 1983 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Harold J. Grimm (contd)

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 in 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 and The Ohio State University has sustained.

Victor W. Hoffman

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on November 10, 1983, of Victor Warren Hoffman, Assistant Professor Emeritus in the Department of Educational Theory and Practice.

Victor Hoffman was born at Greenfield, Ohio, on June 28, 1915. In 1934 he graduated from Chillicothe High School. He received a B.S. in Education in 1942 and a M.A. in Education in 1947, both from The Ohio State University. He was a graduate assistant at The Ohio State University School in 1942-43 and returned to join the faculty as an instructor from 1947 to 1957. The next year he joined the Academic Faculty of Industrial Technology Education as an assistant professor, continuing there until his retirement in June, 1980.

Professor Hoffman was elected to membership in Epsilon Pi Tau, an International honorary fraternity in technology education. In his 33-year career at The Ohio State University, he was a loved and respected teacher and counselor. He taught a National Defense Education Act sponsored institute for advanced study in industrial arts in 1968. He also taught State of Ohio sponsored advanced workshops in driver and safety education in 1969 and 1971.

He served on active duty with the U. S. Army from April 1943 until September 1946, serving as a communications officer. He retired from the U. S. Army Reserves in 1968 with the rank of lieutenant colonel.

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.

Robert E. Mathews

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on November 4, 1983, of Robert Elden Mathews, Professor Emeritus of the College of Law.

Robert Elden Mathews distinguished career covered six decades of professional contributions, including fifty-two years of law teaching. He holds the longest tenure as a member of the faculty of the College of Law, The Ohio State University serving from 1924 to 1964. Upon retirement he was named Professor Emeritus by the Board of Trustees. Professor Mathews was born in 1894. He completed his undergraduate study at Yale University Phi Beta

December 8, 1983 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Robert E. Mathews (contd)

Kappa and received his Juris Doctor degree from the University of Chicago in 1920. He began his law teaching at the University of Montana and served as a visiting professor at Columbia University, the Indian Institute of New Delhi, Harvard University, and the University of Texas where he taught part-time until his retirement at age 80 in 1974. His fields of teaching and scholarship were agency and partnership law, labor law, and professional responsibility.

Professor Mathews' scholarship contributions were significant. He contributed the section on Partnership for 30 Ohio Jurisprudence and edited the Fifth Edition of Mechem, Cases on the Law of Partnership, (1935). Subsequently, he published his own casebook, Cases and Materials on the Law of Agency and Partnership, Chicago, Callaghan and Company (1940) and (1957). Professor Mathews served many years as chairman of the Labor Law Group Trust, a nonprofit association, and was editor-in-charge of the early volumes of the Trust's publication series, including Labor Relations and the Law (1953), Readings on Labor Law (1955), and The Employment Relation and the Law (1957). He contributed various writings and, as others, he received no compensation. During the 1950's he developed innovative teaching problems for his course in Professional Responsibility. Subsequently, these were published in six revisions as Problems Illustrative of the Responsibilities of Members of the Legal Profession by the American Bar Center, the Council on Legal Education for Professional Responsibility and the Law School Foundation at the University of Texas. He directed several significant studies and his last publication appeared in 1972.

Professor Mathews had a consuming devotion to the principles of democracy and individual freedom, as well as public service. He served in Washington, D. C. from 1942-45, first with The Board of Economic Warfare and later as Associate General Counsel with The National War Labor Board. He contributed to many organizations, including the Association of American University Professors, the Association of American Law Schools which he served as national president in 1952, and the National Academy of Arbitrators. He served as chairman of the U. S. International Society of Labor Law, as a member of the U. S. National Commission for UNESCO, and taught at the American Law Institute's "Orientation Program in American Law" held at Princeton for some 140 international lawyers.

Professor Mathews was endowed with an indefatigable zest for life. His friendship and counsel were an inspiration to countless numbers. His long, dedicated and meaningful life is distilled in enduring quality of his work and the traditions of this University.

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 8, 1983 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Wendell D. Postle, D.D.S.

The Board of Trustees of The Ohio State University expresses its sorrow at the death on October 28, 1983, of Dr. Wendell D. Postle, Dean Emeritus in the College of Dentistry.

Dr. Postle received his D.D.S. degree from The Ohio State University in 1923. He maintained a successful private dental practice.

Dr. Postle received the Callahan Award of the Ohio Dental Association; the Centennial Award in 1966; the Distinguished Service Award in 1958 from The Ohio State University; the Distinguished Alumni Award from The Ohio State University College of Dentistry in 1981; and the Distinguished Service Award from the Pierre Fauchard Academy. He was a Fellow of the American College of Dentists, Past President American Association of Dental Colleges, and Past President of the Fund for Dental Education of the American Dental Association.

Dr. Postle was Dean of the College of Dentistry from 1938-1964. In 1976 Wendell D. Postle Hall, Dental Building, at The Ohio State University was dedicated in his honor. He was Faculty representative of the Big Ten Western Conference 1947-1960.

Dr. Postle was a member of First Community Church, Omicron Kappa Upsilon, Phi Kappa Psi, Psi Omega Dental Fraternity, Columbus Rotary Club, Presidents Club, Faculty Club, Columbus Club, Scioto Country Club and the Masons Scottish Rite and Aladdin Temple Shrine.

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.

James C. Rubright

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on October 8, 1983, of James Clare Rubright, Associate Professor in the College of The Arts, Department of History of Art.

Born on October 20, 1926, in Akron, Ohio, Professor Rubright received his B.A. degree from the Johns Hopkins University in 1948 and his M.A. degree from the University of Mississippi in 1950. He was a student in Classical Art and Archaeology at the American School of Classical Studies in Athens, Greece, in 1950-1951 and at Harvard University from 1952 to 1956. He was a member of the faculty of the College of The Arts from 1956 until his death.

In addition to his teaching, Professor Rubright was an active classical archaeologist who participated in excavations in South Arabia, Greece and Yugoslavia. He was an authority on classical lamps, had given numerous public lectures, and written articles and reviews on classical archaeology. He was a member of the Classical Association of the Middle West and South, the College

December 8, 1983 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

James C. Rubright (contd)

Art Association of America, the Ohio Academy of Science, and the Archaeological Institute of America. He founded the Columbus chapter of the Archaeological Institute of America and was for over twenty years its faithful secretary-treasurer.

On campus, Professor Rubright was particularly active in curricular concerns and in the Honors Program of the Colleges of Arts and Sciences. He served as chairman of the Honors Committee from 1966-1972. He was also a member of the University Senate, and was advisor to the Sigma Epsilon Phi Fraternity and the Hellenic Student Association.

On behalf of the University community, the Board of Trustees expresses to Professor Rubright's family its heartfelt sympathy. 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 sincere appreciation of the Board's realization of the loss that the family, the University and his many friends and associates have sustained.

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

Resolution No. 84-64

Synopsis: The reports on contracts, grants, and gifts and the summary for October, 1983 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 and The Ohio State University Development Fund during the month of October 1983, be approved.

Upon motion of Mr. Immke, seconded by Mr. Hilliker, the foregoing resolution was adopted by the Board of Trustees by unanimous voice vote.

December 8, 1983 meeting, Board of Trustees

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

SUMMARY FOR OCTOBER 1983

Source	No. of Projects	Support Level
The Ohio State University Research Foundation	72	\$4,183,056.47
Engineering Experiment Station	28	\$ 53,762.00
		\$4,236,818.47
The Ohio State University Development Fund		
Establishment of Named Funds		
Paul J. Berka Endowment Fund in the College of Medicine (Bone Marrow Transplantation Program)		\$ 15,000.00
John F. Byrne and Perry Okey Memorial Scholarship Fund in Electrical Engineering (Department of Electrical Engineering - scholarships)		\$ 11,362.50
Biological Sciences Senior Thesis Research Fund (College of Biological Sciences - support senior thesis research)		\$ 10,000.00
William J. and Gwendolyn W. Buschman Cheerleaders Scholarship Fund (Scholarships - cheerleader squad)		\$ 10,000.00
Charles A. Thompson Memorial Fund (Support various law college programs that interested Professor Thompson)		\$ 6,300.00
William D. Dowling Fund for Adult Education (Fellowships, scholarships, conduct workshops or conferences)		\$ 5,160.00
Ended Residency Position in Small Animal Veterinary Surgery (Stipend - residency position)		\$ 5,000.00

December 8, 1983 meeting, Board of Trustees

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

The Ohio State University Development Fund (contd)

Establishment of Named Funds (contd)

Stella S. Katz Scholarship in the College of Pharmacy (College of Pharmacy - scholarship)	\$	5,000.00
Franz Theodore Stone Laboratory Sustaining Fund (Sustain and enrich the research, teaching and service programs and facilities)	\$	5,000.00
Paul Watkins History Book Endowment Fund (Purchase books, microfiche, micro- film, or on-line materials for the History Department)	\$	5,000.00

Report from Presidents Club

Members to date	4,309
1983 members: year to date	108
New members - October 1983	8

New Presidents Club Members - October 1983

William H. Fink	Stanton E. Moyer
Terry C. Howell	Anthony R. Orsini, Jr.
Peter Y. Kim	William G. Pace, IV
Robert C. Ludwig	Stephen J. Ruth

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

July through October, 1982 and 1983
 THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

CONTRIBUTIONS BY SOURCE

	Donors		Dollars		
	July through 1982	October 1983	July through 1982	October 1983	% Change
Alumni	9,585	18,711	\$3,797,223	\$1,845,153	(52)
Non-Alumni	7,010	10,051	1,087,664	1,252,477	15
Corporations	441	733	1,147,150	1,528,848	33
Corporate Foundations	115	146	491,639	645,155	31
Private Foundations	35	40	156,535	118,925	(24)
Other Organizations	262	367	542,825	422,531	(23)
Total	17,448	30,048	\$7,222,836	\$5,813,089	(20)

CONTRIBUTIONS BY TYPE

	July-October 1982	July-October 1983	% Change
Endowment	\$ 567,764	\$ 599,865	6
Designated	2,543,926	2,887,937	14
Discretionary	317,726	442,936	39
Deferred Maturities	2,027,919	1,169,366	(42)
Gifts-In-Kind	1,765,501	712,986	(60)
Total	\$7,222,836	\$5,813,089	(20)
Gifts (# of)	19,722	34,411	74

December 8, 1983 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Mr. Tobin made the following statement:

Thank you, Mr. Chairman. Included in the agenda for this month's meeting is a new report on the Development program at The Ohio State University. The report covers the period from July through October in 1982 and 1983. Our purpose is to provide the Board with a more useful view of fund-raising at The Ohio State University. The report shows gifts by source and by type, and compares this year with 1982.

When I assumed my position seven months ago, the President indicated that he expected me to increase the annual level of contributions. If you look at the total gifts for the period through October of this year you will see that it is \$5.8 million, some 20% below the same period in 1982. However, this difference was caused by the Molly Caren gift of \$1.7 million which was received during this same period in 1982.

To give you a better impression of the progress in fund-raising at Ohio State, let me report some preliminary figures through November of this year. Our gift total from all sources stands at approximately \$9.4 million. This is 15% ahead of a year ago. In addition, I would mention that we are currently 83% ahead in the number of alumni donors. This is attributed to expanded and improved direct mail and phonothon programs introduced this summer. We are 40% ahead in non-alumni donors, which is attributed to the WOSU summer TV solicitation drive. We show a 50% increase in corporate donors because of an expanded corporate matching gift program. We currently are 38% below last year in total alumni dollars but, once again, this can be attributed to the Molly Caren gift. If one were to exclude the Molly Caren gift, we would actually be 5% ahead of a year ago in the alumni gift category. Finally, I would report to you that we are 161% ahead in non-alumni donors this year as compared to last.

If you find this information of value, Mr. Chairman, the Development Fund would be pleased to continue making monthly reports of this character in the future. Thank you.

December 8, 1983 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Report - October 1983

Federal Research Contracts/Grants

\$470,000.00 - Department of Energy, Argonne, Illinois, High Energy Physics, Department of Physics (T. A. Romanowski, K. Reibel, N. W. Reay, N. R. Stanton, T. Y. Ling and H. P. Kagan), 23 September 1983 through 31 January 1984. (Project 762116 - Continuation)

\$252,649.00 - Department of Health and Human Services, Public Health Service, Health Resources and Services Administration, Rockville, Maryland, Teenage Alcoholism Modules for the Education of Family Medical Students, Family Medicine Residents and Practicing Family Physicians, Department of Family Medicine (L. L. Gabel), 30 September 1983 through 31 March 1986. (Project 763845 - New)

\$249,850.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Phase I Study to Evaluate the Biological Response Modifying Activity and Potential Activity of Human Interferon, Cancer Research Center and Department of Medicine (J. A. Neidhart) and Department of Medicine (J. J. Rinehart), 29 September 1982 through 31 October 1984. (Project 762482 - Continuation)

\$180,638.00 - Department of Education, Office of Special Education and Rehabilitation Services, Washington, D. C., Regional Resource Center, Department of Human Services Education (T. M. Stephens), 21 September 1983 through 31 May 1984. (Project 763600 - Continuation)

\$146,009.00 - Department of Health and Human Services, Public Health Service, Health Resources and Services Administration, Rockville, Maryland, Health Promotion Nutrition Care Independent Study Packages for Family Medicine Residents, Department of Family Medicine (L. L. Gabel), 30 September 1983 through 30 May 1985. (Project 763846 - New)

\$144,660.00 - Department of Health and Human Services, Public Health Service, Health Resources and Services Administration, Rockville, Maryland, Effects of Preventive Exercise on Elders, College of Nursing (J. S. Stevenson), 26 September 1983 through 25 September 1984. (Project 763849 - New)

\$127,000.00 - Department of the Navy, Naval Material Command, Orlando, Florida, OSU/Microde Development for CIG, Department of Art Education (C. A. Csuri) and Department of Computer and Information Science (E. R. Tripp, III), 30 August 1983 through 31 March 1985. (Project 762746 - Continuation)

December 8, 1983 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$118,713.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Clinical Trial of Extracorporeal Carbamylation, Department of Medicine (S. P. Balcerzak), 1 September 1983 through 31 August 1984. (Project 763266 - Continuation)

\$115,000.00 - Department of the Interior, Office of Water Policy, Washington, D C., Ohio Water Research Institute Program - 1983, Water Resources Center, Engineering Experiment Station and Department of Civil Engineering (R. C. Stiefel), Department of Chemical Engineering (L. S. Fan), Center for Lake Erie Area Research (C. E. Herdendorf), School of Natural Resources (D. L. Johnson) and Department of Agronomy (T. J. Logan), 1 January 1983 through 31 August 1984. (Project 763796 - Continuation)

\$103,701.00 - Department of the Air Force, Air Force Systems Command, Washington, D. C., Chemical Carcinogen-Induced Changes in tRNA Metabolism in Human Cells, Department of Physiological Chemistry (R. Trewyn), 1 October 1983 through 30 September 1984. (Project 762404 - Continuation)

\$97,772.00 - Department of Education, Office of Educational Research and Improvements, Washington, D. C., ERIC Clearinghouse on Adult, Career, and Vocational Education, The National Center for Research in Vocational Education (R. E. Taylor), 1 October 1983 through 13 September 1984. (Project 762872 - Continuation)

\$89,813.00 - Department of Health and Human Services, Public Health Service, Health Resources and Services Administration, Rockville, Maryland, Confirmation/Disconfirmation: RN/MD Communication, College of Nursing (B. J. Garvin and C. W. Kennedy), 26 September 1983 through 25 September 1984. (Project 763844 - New)

\$87,865.00 - Department of Labor, Washington, D. C., Training and Human Capital Formation, The National Center for Research in Vocational Education (R. E. Taylor), 1 October 1983 through 30 November 1984. (Project 763834 - New)

\$80,367.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Pathogenesis of Virus-Induced Erythroid Aplasia, Department of Veterinary Pathobiology (G. J. Kociba and J. L. Rojko), 30 September 1983 through 29 September 1984. (Project 763853 - New)

\$80,000.00 - National Foundation for the Arts and Humanities, National Endowment for the Humanities, Washington, D. C., Challenge Grant for the Hilandar Research Project Endowment, University Libraries (W. J. Studer), 1 October 1983 through 31 July 1986. (Project 763686 - Continuation)

December 8, 1983 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$79,181.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Assay Development and Preclinical Pharmacology Studies with Bisbenzimidazole (NSC 322921), College of Pharmacy (L. Malspeis), 30 September 1983 through 29 September 1984. (Project 763438 - New)

\$76,818.00 - Department of Health and Human Services, Office of the Assistant Secretary for Planning and Evaluation, Washington, D. C., Low Wage Market Studies: Firm Employment Decisions, The National Center for Research in Vocational Education (R. E. Taylor), 23 September 1983 through 22 September 1984. (Project 763833 - New)

\$71,375.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Use of Cyclosporin A in Bone Marrow Transplantation, Department of Medicine (P. J. Tutschka), 15 August 1983 through 31 January 1984. (Project 763830 - New)

\$64,618.00 - National Aeronautics and Space Administration, Washington, D. C., Infrared Spectroscopic Investigation of Gases to Support Stratospheric Studies, Department of Physics (J. H. Shaw), 1 November 1983 through 31 October 1984. (Project 761420 - Continuation)

\$54,071.00 - Department of Health and Human Services, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, Rockville, Maryland, Alcohol Use and Life Cycle Events Among Young Adults, Center for Human Resource Research, Office of Academic Affairs (J. E. Crowley), 29 September 1983 through 31 August 1984. (Project 763851 - New)

\$53,000.00 - Department of Agriculture, Science and Education, Arlington, Virginia, A Model System Crop Loss Study: Virus Diseases of Corn--Phase II, Continuation, Department of Plant Pathology - OARDC (L. V. Madden), 15 September 1983 through 30 September 1984. (Project 763836 - Continuation)

\$50,000.00 - Federal Emergency Management Agency, Washington, D. C., The Functioning of the Local Emergency Services Office in Disasters, Department of Sociology (E. L. Quarantelli), 1 September 1983 through 31 August 1984. (Project 763270 - Continuation)

\$40,000.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, Documentation of Ice Shapes for the Helicopter Icing Flight Test Program, Department of Aeronautical and Astronautical Engineering (J. D. Lee), 28 October 1983 through 28 January 1984. (Project 763362 - Continuation)

December 8, 1983 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$32,696.00 - Department of Energy, Pittsburgh Energy Technology Center, Pittsburgh, Pennsylvania, Pressure Fluctuation in High Pressure Fluidization, Department of Chemical Engineering (L. S. Fan), 1 October 1983 through 30 September 1985. (Project 763823 - New)

\$30,000.00 - Department of Agriculture, Animal and Plant Health Inspection Service, Moorestown, New Jersey, Ohio Plant Pest Survey and Detection Program, Cooperative Extension State Operations (I. W. Deep), 1 October 1983 through 30 September 1984. (Project 763261 - Continuation)

\$29,408.00 - Department of Health and Human Services, Public Health Service, Health Resources and Services Administration, Rockville, Maryland, Grants for Preventive Medicine Training, Department of Preventive Medicine (M. D. Keller), 1 October 1983 through 30 September 1984. (Project 763838 - New)

\$25,000.00 - National Aeronautics and Space Administration, Jet Propulsion Laboratory, Pasadena, California, Support of the NASA Propagation Studies and Measurement Program, Department of Electrical Engineering, ElectroScience Laboratory (C. A. Levis and E. K. Damon), 1 October 1983 through 31 December 1983. (Project 763692 - Continuation)

\$22,832.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, OSU Comprehensive Cancer Center Support (Core) Grant - Administration, Cancer Research Center (D. S. Yohn), 1 July 1983 through 30 June 1984. (Project 763976 - Continuation)

\$22,242.00 - Department of Agriculture, Soil Conservation Service, Columbus, Ohio, Development of Input Budgets for Crop Enterprises in Ohio, Department of Agricultural Economics and Rural Sociology (N. Rask), 7 September 1983 through 30 September 1984. (Project 763807 - New)

\$21,297.00 - National Science Foundation, Washington, D. C., United States - Federal Republic of Germany Workshop on Manufacturing, Department of Industrial and Systems Engineering (W. E. Wilhelm), 1 October 1983 through 31 March 1984. (Project 763794 - New)

\$20,000.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Normal Volunteers for Participation in Medical Research Project, Department of Microbiology (A. M. Ackermann-Brown), 1 October 1983 through 31 March 1984. (Project 762907 - Continuation)

December 8, 1983 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$19,070.00 - Department of Health and Human Services, Public Health Service, Center for Disease Control, Atlanta, Georgia, Isometric vs. Isokinetic Back Lifting Performance, Department of Industrial and Systems Engineering (W. S. Marras), 1 July 1983 through 30 June 1984. (Project 763720 - New)

\$19,000.00 - National Science Foundation, Washington, D. C., Investigation of Comagnetic Complexes Using Isotope Systematics, Department of Geology and Mineralogy (K. A. Foland), 1 August 1983 through 30 April 1984. (Project 762479 - Continuation)

\$18,468.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Steric Course of Nucleic Acid Methylation by Carcinogens, Department of Chemistry (H. G. Floss and T. M. Zydowsky), 23 November 1983 through 22 November 1984. (Project 763317 - Continuation)

\$12,500.00 - Department of the Army, Army Research Office, Research Triangle Park, North Carolina, International Symposium on Molecular Spectroscopy, Department of Physics (K. N. Rao), 1 November 1983 through 31 October 1985. (Project 763344 - Continuation)

\$12,127.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, OSU Cancer Center Columbus Community Outreach Program (CCOP) Research Base Support, Cancer Research Center (D. S. Yohn), 30 September 1983 through 31 August 1984. (Project 763855 - New)

\$11,545.00 - Department of the Air Force, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio, Feasibility Study for Development of an Expert Computer System for Contract Pricing, Department of Computer and Information Science (B. Chandrasekaran) and Academic Faculty of Accounting (J. F. Dillard), 26 August 1983 through 31 December 1983. (Project 763314 - Continuation)

\$8,400.00 - Department of Education, Office of Postsecondary Education, Washington, D. C., Graduate and Professional Opportunities Program, Graduate School Administration (A. S. Pruitt), 30 September 1983 through 31 August 1984. (Project 763610 - Continuation)

\$851.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Chemical Carcinogen-Induced Neoplastic Transformation, Department of Physiological Chemistry (G. E. Milo), 1 July 1983 through 30 November 1983. (Project 761756 - Continuation)

TOTAL - FEDERAL AWARDS

\$3,138,536.00

December 8, 1983 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

\$127,400.00 - State of Ohio, Ohio Board of Regents, Columbus, Ohio, Area Health Education Center, College of Medicine - Administration (G. L. Trzebiatowski), 1 October 1983 through 30 June 1984. (Project 763865 - New)

\$34,000.00 - State of Ohio, Department of Education, Columbus, Ohio, Coordination of State-Wide Career Education Activities, Department of Human Services Education (J. J. Quaranta), 1 September 1983 through 31 August 1984. (Project 763832 - New)

\$8,933.00 - State of Ohio, Department of Education, Columbus, Ohio, Occupational Employment Statistics Survey Program in Ohio for Manufacturing and Hospitals, Academic Faculty of Management and Human Resources (H. R. Blaine), 1 July 1983 through 30 June 1984. (Project 763695 - Continuation)

\$4,541.00 - State of Ohio, Ohio Arts Council, Columbus, Ohio, Children's Book Design Conference, Department of Art Education (K. A. Marantz), 1 July 1983 through 30 June 1984. (Project 763864 - New)

\$3,457.00 - State of Ohio, Ohio Arts Council, Columbus, Ohio, Visiting Artists in Columbus 83/84, Department of Photography and Cinema (J. R. Green), 1 July 1983 through 30 June 1984. (Project 763848 - Continuation)

\$3,000.00 - State of Ohio, Ohio Arts Council, Columbus, Ohio, Performing Arts Series, Newark Campus and Department of English (P. B. Graham), 18 November 1983 through 10 January 1984. (Project 763829 - New)

TOTAL - STATE OF OHIO AWARDS

\$ 181,331.00

Industrial Research Contracts/Grants

\$175,394.00 - Standard Oil (Ohio), Cleveland, Ohio, A Numerical Problem Solving Approach to Variables and Functions in Pre-Algebra for Modes 7 and 8, Department of Educational Theory and Practice (A. R. Osborne) and Department of Mathematics (J. Leitzel), 1 October 1983 through 30 November 1985. (Project 763850 - New)

\$84,043.40 - Merck Sharp & Dohme Research Laboratories, West Point, Pennsylvania, A Multiclinic Double-Blind Dose Ranging Study to Evaluate the Effects on Healing of Active Duodenal Ulcer with MK-208 as Compared to Placebo, Department of Medicine (F. B. Thomas), 1 October 1983 through 28 February 1986. (Project 763863 - New)

December 8, 1983 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial Research Contracts/Grants (contd)

\$70,000.00 - The Aerospace Corporation, Los Angeles, California, Antenna and Radome Analysis and Design, Department of Electrical Engineering, ElectroScience Laboratory (R. C. Rudduck), 1 January 1984 through 31 December 1984. (Project 762637 - Continuation)

\$33,565.00 - Chemical Abstracts Service, Columbus, Ohio, Development of an Expert System to Aid in On-Line Searches of the Chemical Abstracts, Department of Industrial and Systems Engineering (P. J. Smith), 1 October 1983 through 30 September 1984. (Project 763843 - New)

\$25,250.00 - General Molecular Applications, Inc., Columbus, Ohio, A Quantitative Hypoxanthine-Guanine Phosphoribosyl Transferase (HGPRT) Assay in a Human System for the Detection of Ultraviolet Radiation (UV) Irradiation Protective Agents, Department of Radiology (R. E. Stephens), 1 October 1983 through 31 March 1984. (Project 763835 - New)

\$25,000.00 - Central Soya Company, Fort Wayne, Indiana, Potential Prophylactic Dietary Role of Lecithin in Reversing Age-Related Changes in Behavior, Neuroanatomy, and Neurochemistry: An Integrated Multidisciplinary Study in the Aging Mouse, Department of Pathology (R. F. Mervis), Department of Physiological Chemistry (L. A. Horrocks), Department of Psychology (D. R. Meyer) and College of Pharmacy (L. J. Wallace), 1 July 1982 through 19 February 1984. (Project 763203 - Continuation)

\$9,200.00 - Miles Pharmaceuticals, West Haven, Connecticut, Research in Infectious-Diseases, Department of Medicine (R. L. Perkins, R. J. Fass, J. L. Plouffe and M. F. Para), 1 September 1983 through 31 August 1984. (Project 763852 - New)

\$9,000.00 - Rockwell International, Los Angeles, California, Radar Cross Section of Aircraft/Avionics Systems, Department of Electrical Engineering, ElectroScience Laboratory (L. Peters, Jr.), 1 October 1983 through 31 December 1983. (Project 762982 - Continuation)

\$5,751.00 - Bailey Drug Company, Zanesville, Ohio, Faculty Development Agreement with Bailey Drug Co., Zanesville, Ohio, College of Pharmacy (E. W. Jacobs), 1 October 1983 through 30 June 1984. (Project 763867 - New)

\$5,000.00 - Riverside Methodist Hospital, Columbus, Ohio, Graduate Student Internship, Department of Human Services Education (D. J. Tosi), 20 September 1983 through 30 June 1984. (Project 763854 - New)

December 8, 1983 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial Research Contracts/Grants (contd)

\$2,850.00 - Kemin Industries, Inc., Des Moines, Iowa, A Comparison of the Effectiveness of Ethoxquin and Endox for Sparing Vitamin E in Chick Diets, Department of Poultry Science (J. D. Latshaw), 1 October 1983 through 30 November 1983. (Project 763821 - New)

TOTAL - INDUSTRIAL AWARDS

\$ 445,053.40

Other Non-Federal Research Contracts/Grants

\$91,209.00 - Electric Power Research Institute, Palo Alto, California, Causes and Corrective Actions for Pitting in Steam Generator Tubing, Department of Metallurgical Engineering (S. S. Smialowska), 24 May 1983 through 31 August 1984. (Project 763582 - New)

\$81,500.00 - United States-Israel Binational Agricultural, Research and Development Fund, Beltsville, Maryland, Integrated Control of Tomato Pests in Greenhouses, Department of Entomology - OARDC (R. K. Lindquist), 27 September 1983 through 26 September 1986. (Project 763837 - New)

\$50,000.00 - The Elsa U. Pardee Foundation, Midland, Michigan, Suitability of Antibody to Genetic Regulatory Structures of DNA (Deoxyribonucleic Acid) for the Detection of Cancer, Department of Radiology (R. E. Stephens), 1 October 1983 through 30 September 1984. (Project 763847 - New)

\$41,515.00 - The Council for Tobacco Research, U.S.A., Inc., New York, New York, Di-O-Acetyl-D-Glucarodilactone Inhibition of Chemical, Department of Physiological Chemistry (T. E. Webb), 1 January 1984 through 31 December 1984. (Project 763868 - New)

\$33,220.00 - American Heart Association, Dallas, Texas, Peripheral Circulation: Neural Control in Normal and SHR Rats, Department of Physiology (J. A. Boulant), 1 September 1983 through 31 August 1984. (Project 762709 - Continuation)

\$25,000.00 - Alaska Public Utilities Commission, Anchorage, Alaska, Telecommunications Technical Assistance to the Alaska Public Utilities Commission, National Regulatory Research Institute (D. N. Jones) and Department of Computer and Information Science (C. Mount-Campbell), 21 October 1983 through 30 June 1984. (Project 763858 - New)

\$19,602.00 - Florida International University, Miami, Florida, Consortium for the Development of Professional Materials for Vocational Education, The National Center for Research in Vocational Education (R. E. Taylor), 1 October 1983 through 30 June 1984. (Project 763856 - Continuation)

December 8, 1983 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)

\$16,000.00 - Eight Members of the National Alliance of Post-secondary Education Institutions/Districts, National Alliance of Postsecondary Education Institutions/Districts, The National Center for Research in Vocational Education (R. E. Taylor), 1 July 1983 through 30 June 1984. (Project 763548 - Continuation)

\$14,500.00 - National Live Stock & Meat Board, Chicago, Illinois, Influence of Dietary Proteins on the Endorphin System, Department of Pharmacology (G. A. Tejwani), 1 September 1983 through 31 August 1984. (Project 763842 - New)

\$10,305.00 - W. K. Kellogg Foundation, Battle Creek, Michigan, Kellogg National Fellowship Program, City and Regional Planning (S. I. Gordon), 1 September 1983 through 31 August 1984. (Project 762906 - Continuation)

\$8,000.00 - American Cancer Society - Ohio Division, Cleveland, Ohio, A Nude Mouse Model for the Treatment of Hairy Cell Leukemia, Department of Pathology (R. F. Barth), 1 October 1983 through 30 September 1984. (Project 763862 - New)

\$8,000.00 - Singapore Government, Singapore, Colombo Plan Staff College Review, The National Center for Research in Vocational Education (R. E. Taylor), 1 October 1983 through 31 March 1984. (Project 763860 - New)

\$7,550.07 - Muscular Dystrophy Association, New York, New York, Fluorescence Studies of Calcium Transients in Muscle, Department of Physiological Chemistry (J. D. Johnson), 1 September 1983 through 31 December 1983. (Project 763866 - New)

\$7,485.00 - The Robert H. Winn Foundation for Cat Research, Ocean, New Jersey, Characterization of Familial Renal Amyloidosis in Abyssinian Cats, Department of Veterinary Clinical Sciences (S. P. DiBartola), 1 October 1983 through 30 September 1984. (Project 763841 - New)

\$3,500.00 - Battelle Memorial Institute, Columbus, Ohio, Experimental and Analytical Studies of the Thermal Aspects of Deep Geological Disposal of Commercial Nuclear Wastes, Department of Mechanical Engineering (R. N. Christensen), 1 October 1983 through 31 October 1983. (Project 761731 - Continuation)

\$750.00 - Greater Columbus Arts Council, Columbus, Ohio, The OSU Center for the Visual Arts: An Exhibition of the Architectural Competition, College of The Arts - Administration (J. W. Green), 1 October 1983 through 30 September 1984. (Project 763839 - New)

TOTAL - OTHER NON-FEDERAL AWARDS

\$ 418,136.07

December 8, 1983 meeting, Board of Trustees

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

ENGINEERING EXPERIMENT STATION

Industrial and Other Sponsored Research and Development

\$53,762.00 - from 21 industrial sponsors for 28 projects under the direction of six engineering departments and research areas.

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Establishment of Named Funds

Paul J. Berka Endowment Fund in the College of Medicine

The Paul J. Berka Endowment Fund in the College of Medicine was established December 8, 1983, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from the Berka Foundation of Zanesville, 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 is to be used to support the Bone Marrow Transplantation Program in the College of Medicine as determined by the Director of the Bone Marrow Transplantation Program and the Dean of the College of Medicine. The principal may be used as occasion dictates; however, at no time shall the principal fall below the limit which is set as the minimum balance for an endowment fund.

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, in consultation with the Berka Foundation if then in existence, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for bone marrow transplantation in the College of Medicine.

John F. Byrne and Perry Okey Memorial Scholarship Fund in Electrical Engineering

The John F. Byrne and Perry Okey Memorial Scholarship Fund in Electrical Engineering was established December 8, 1983, by the Board of Trustees of The Ohio State University with gifts from the family and friends of John F. Byrne.

These gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

Ninety percent of annual income earned by the principal is to be used to provide one or more Department of Electrical Engineering scholarships to students who have demonstrated proven academic ability and need for financial assistance. Preference should be given to a student who: is from a middle-class family; is a first generation college attendee; obtains additional financial

December 8, 1983 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

**John F. Byrne and Perry Okey Memorial Scholarship Fund
in Electrical Engineering (contd)**

assistance through his/her working endeavors. The selection will be made by the University Committee on Financial Aid upon the recommendation of the Scholarship Committee of the College of Engineering. The remaining ten percent of the annual earnings will be reinvested in the principal.

Should the need for this fund cease to exist or so diminish as to provide unused income, 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 Department of Electrical Engineering.

Biological Sciences Senior Thesis Research Fund

The Biological Sciences Senior Thesis Research 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 alumni and friends of the College of Biological Sciences.

Gifts to this fund are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used for support of senior thesis research, travel expenses consistent with that research, or presentation of that research by students majoring in the Baccalaureate degree programs in the College of Biological Sciences. The Dean of the College of Biological Sciences will have sole authority to approve expenditures from the fund.

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 biological sciences education and research.

**William J. and Gwendolyn W. Buschman
Cheerleaders Scholarship Fund**

The William J. and Gwendolyn W. Buschman Cheerleaders Scholarship 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 William J. and Gwendolyn W. Buschman and other friends of The Ohio State University Cheerleader Squad.

December 8, 1983 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

William J. and Gwendolyn W. Buschman
Cheerleaders 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 is to be used to provide scholarship assistance to members of The Ohio State University Cheerleader Squad. The selection of the recipient(s) is to be made upon the recommendation of the Director of Athletics, in cooperation with the University Scholarship Committee.

Should the need for the scholarships 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 responsible for the Athletic Department activities.

Charles A. Thompson Memorial Fund

The Charles A. Thompson Memorial 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 in memory of College of Law faculty member Charles A. Thompson from his family, friends and colleagues.

The fund is to be invested in the University's Permanent Endowment Fund, under the rules 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 fund is to help support various law college programs that interested Professor Thompson, such as financial aid for minority students; the client counseling competition; skills education programs, such as clinic practica and other courses in evidence, remedies, criminal and civil procedure; and research in these areas. The income from this fund shall be used, in the discretion of the Dean, to support these activities within the College of Law. However, during the 1983-84, 1984-85 and 1985-86 academic years, the income will be used exclusively for financial aid for minority students and thereafter if the Dean determines the need for such financial aid persists, use for that purpose of some of the income should be given a preference.

Should the need for this fund cease to exist or so diminish as to provide unused income, 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 College of Law.

December 8, 1983 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

William D. Dowling Fund for Adult Education

The William D. Dowling Fund for Adult Education 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 William C. Pursch, Ph.D. '82, and other friends and students of Professor William D. Dowling.

All gifts are to be invested in the University's Permanent Endowment Fund under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to:

1. Provide fellowships or scholarships for outstanding graduate students majoring in Adult Education; or
2. Provide funds for the conduct of workshops or conferences, to benefit graduate students majoring in Adult Education and others in the university community and the state of Ohio; or
3. Provide funds to attract distinguished visiting professors of Adult Education; or
4. Other uses consistent with the encouragement and furtherance of graduate study in Adult Education at The Ohio State University.

This fund shall be administered by a committee of persons who occupy professorships within the College of Education that are recognized by the Commission of Professors of Adult Education of the American Association for Adult and Continuing Education. These professors shall be empowered to augment the membership of this committee as they see fit and from year to year, giving preference for membership to present and former graduate students majoring in Adult Education in the College of Education.

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 person or persons with the College of Education who are members of the Commission of Professors of Adult Education of the American Association for Adult and Continuing Education.

Endowed Residency Position in
Small Animal Veterinary Surgery

The Endowed Residency Position in Small Animal Veterinary Surgery was established December 8, 1983, by The Ohio State University Board of Trustees with an initial gift to The Ohio State University Development Fund from R. Bruce Hohn, D.V.M.

December 8, 1983 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Endowed Residency Position in
Small Animal Veterinary Surgery (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 from the principal will be used as a stipend to support a residency position in small animal veterinary surgery. Candidates for the stipend must be Doctors of Veterinary Medicine who have demonstrated interest and qualifications in post-DVM surgical training. Candidates will apply for the award through the Graduate Resident Committee of the Department of Veterinary Clinical Sciences. The Committee will screen all applicants and make a specific recommendation to the Dean of the College of Veterinary Medicine.

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 the study of veterinary medicine education.

Stella S. Katz Scholarship in the
College of Pharmacy

The Stella S. Katz Scholarship in the College of Pharmacy was established December 8, 1983, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Alan S. Katz, a graduate of the College of Pharmacy in 1961.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to support a student with demonstrated financial need and in good academic standing as determined by the Dean of the College of Pharmacy. 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, in consultation with the Awards, Honors, and Financial Aids Committee, if then in existence, with preference being given to recommendations from the Dean of the College of Pharmacy.

December 8, 1983 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

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.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with right to invest and reinvest as occasion dictates.

The annual income is to be used for those purposes which will sustain and enrich the research, teaching and service programs and facilities of the Franz Theodore Stone Laboratory within the College of Biological Sciences. Expenditure of the annual income is to be made upon the authorization of the Director of the Franz Theodore Stone Laboratory with the approval of the Board of Directors of the Friends of Stone Laboratory and the Dean of the College of Biological Sciences.

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 Lake Erie teaching, research and service.

Paul Watkins History Book Endowment Fund

The Paul Watkins History Book Endowment Fund was established December 8, 1983, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Paul E. Watkins, B.S. '58, 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 is to be used to purchase books, microfiche, microfilm, or on-line materials for the History Department of The Ohio State University. The selection of the books or other materials is to be made upon the recommendation of the Chairperson in the History Department or his/her representative for History materials purchases.

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 purchasing scholarly works and other library-stored materials for use by members of the Department of History.

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December 8, 1983 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS

Resolution No. 84-65

Synopsis: Contracts have been awarded for the projects listed below to the lowest and best bidders in accordance with University procedures.

WHEREAS resolutions adopted by the Board of Trustees at previous meetings authorized the President and/or Vice President for Business and Finance to sign the plans and specifications and, in accordance with established University procedures, to request bids and, if satisfactory bids were received, to recommend to the Department of Administrative Services, Division of Public Works, the award of contracts for the following projects:

VETERINARY COLLEGE BUILDING IMPROVEMENTS

Description: Improvement of specially designed and built-in equipment items and environmental barrier systems and development and upgrading of teaching and research laboratories for professional and graduate education in Veterinary Pathobiology in Goss Laboratory.

General Contract

Date Received:	August 11, 1983
No. of Bids:	10
Low Bid:	\$214,600.00*
High Bid:	\$315,000.00*
Estimate of Cost:	\$353,400.00*
Awarded to:	Ohio State Construction, Columbus, Ohio

Plumbing Contract

Date Received:	August 11, 1983
No. of Bids:	5
Low Bid:	\$ 90,660.00*
High Bid:	\$112,543.00*
Estimate of Cost:	\$105,510.00*
Awarded to:	Westland Mechanical, Columbus, Ohio

*Recommended alternates included in these figures.

December 8, 1983 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

VETERINARY COLLEGE BUILDING IMPROVEMENTS (contd)

HVAC Contract

Date Received:	August 11, 1983
No. of Bids:	3
Low Bid:	\$ 98,700.00*
High Bid:	\$107,000.00*
Estimate of Cost:	\$117,301.00*
Awarded to:	J. A. Guy, Dublin, Ohio

Electrical Contract

Date Received:	August 11, 1983
No. of Bids:	8
Low Bid:	\$ 20,750.00*
High Bid:	\$ 30,355.00*
Estimate of Cost:	\$ 33,594.00*
Awarded to:	Royal Electric, Columbus, Ohio

Total All Contracts: \$424,710.00

Total Contingency Allowance: \$ 42,084.11 (which is 10 per cent of construction costs)

Total Project Cost: \$540,000.00

Funding: Am. Sub. HB 552, U & R

*Recommended alternates included in these figures.

WOODY HAYES DRIVE BRIDGE REPAIRS

Description: Due to deterioration, repairs will be made to the Woody Hayes Drive Bridge (formerly known as the Stadium Drive Bridge) over the Olentangy River for safety and extended life of the bridge.

December 8, 1983 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

WOODY HAYES DRIVE BRIDGE REPAIRS (contd)

General Contract

Date Received:	September 1, 1983
No. of Bids:	3
Low Bid:	\$437,115.40
High Bid:	\$690,450.00
Estimate of Cost:	\$450,000.00
Awarded to:	Contractors Unlimited, Columbus, Ohio
Total All Contracts:	\$437,115.40
Total Contingency Allowance:	\$ 25,261.67 (which is 6 per cent of the construction costs)
Total Project Cost:	\$528,500.00
Funding:	Am. Sub. HB 552, U & R

GREENHOUSE RENOVATIONS
OHIO AGRICULTURAL RESEARCH AND DEVELOPMENT CENTER

Description: This project involves the renovation of several research greenhouses that were constructed in the early 1920's and 1930's to make them energy-saving and labor efficient and to improve their research capabilities.

General Contract

Date Received:	September 27, 1983
No. of Bids:	5
Low Bid:	\$225,790.00
High Bid:	\$246,724.00
Estimate of Cost:	\$242,325.00
Awarded to:	Mike Volk Company, Mansfield, Ohio

December 8, 1983 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

GREENHOUSE RENOVATIONS
OHIO AGRICULTURAL RESEARCH AND DEVELOPMENT CENTER (contd)

HVAC Contract

Date Received:	September 27, 1983
No. of Bids:	3
Low Bid:	\$ 8,900.00
High Bid:	\$ 12,711.00
Estimate of Cost:	\$ 5,500.00
Awarded to:	Mike Volk Company, Mansfield, Ohio

Electrical Contract

Date Received:	September 27, 1983
No. of Bids:	4
Low Bid:	\$ 3,342.00
High Bid:	\$ 6,890.00
Estimate of Cost:	\$ 3,500.00
Awarded to:	Abbott Electric Inc., North Industry, Ohio

Total All Contracts:	\$238,032.00
Total Contingency Allowance:	\$ 19,665.59 (which is 8 per cent of construction costs)
Total Project Cost:	\$262,000.00
Funding:	Am. Sub. HB 729, U & R and Federal Funds (USDA)

EXHAUST SYSTEM IMPROVEMENTS
KOFFOLT AND PARKS HALL

Description: This project is for the renovation of the exhaust systems in Koffolt Laboratory and Parks Hall. This project will collect all fume hood exhausts through a manifold system and discharge them by central fans through a high velocity vertical exhaust stack. With the present system, exhaust products are discharged at a low level on the roof which can be hazardous and, under certain wind and pressure conditions, could result in recirculation of these exhaust products to the building through outdoor air intakes.

December 8, 1983 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

EXHAUST SYSTEM IMPROVEMENTS
KOFFOLT AND PARKS HALL (contd)

HVAC Contract

Date Received:	September 23, 1983
No. of Bids:	3
Low Bid:	\$ 92,995.00*
High Bid:	\$101,000.00*
Estimate of Cost:	\$118,770.00*
Awarded to:	Edmonds Mechanical, Dayton, Ohio

Electrical Contract

Date Received:	September 23, 1983
No. of Bids:	3
Low Bid:	\$ 10,700.00*
High Bid:	\$ 13,000.00*
Estimate of Cost:	\$ 16,290.00*
Awarded to:	Jordano Electric, Columbus, Ohio

Total All Contracts:	\$103,695.00
Total Contingency Allowance:	\$ 3,925.92 (which is 3 per cent of construction costs)
Total Project Cost:	\$125,000.00
Funding:	Am. Sub. HB 552, U & R

*Recommended alternates reflected in these figures.

ROOF REPLACEMENT AND REPAIRS - REGIONAL CAMPUSES,
LIMA TECHNICAL BUILDING AND MARION TECHNICAL BUILDING

Description: Due to weather related deterioration, two roofs over the main building and the equipment room at the Lima Technical Building need to be replaced.

Also, louvers and flashing on the north and south walls of the mechanical room at the Marion Technical Building need to be repaired, replaced, and reinstalled.

December 8, 1983 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

ROOF REPLACEMENT AND REPAIRS - REGIONAL CAMPUSES,
LIMA TECHNICAL BUILDING AND MARION TECHNICAL BUILDING (contd)

General Contract - Lima Technical Building

Date Received:	September 13, 1983
No. of Bids:	5
Low Bid:	\$ 96,911.00
High Bid:	\$124,097.00
Estimate of Cost:	\$124,000.00
Awarded to:	Frost & Company, Wapakoneta, Ohio

General Contract - Marion Technical Building

Date Received:	September 13, 1983
No. of Bids:	4
Low Bid:	\$ 12,500.00
High Bid:	\$ 18,258.00
Estimate of Cost:	\$ 20,000.00
Awarded to:	The Bright Company, Columbus, Ohio

Total All Contracts:	\$109,411.00
Total Contingency Allowance:	\$ 9,518.42 (which is 8.7 per cent of construction costs)
Total Project Cost:	\$122,600.00
Funding:	Am. Sub. HB 552, Branch Campuses U & R

CANCER RESEARCH INSTITUTE
SANITARY SEWER RELOCATION

Description: To prepare the site for the actual construction and to alleviate the limitations to pedestrian and vehicular movement to and from University Hospitals and adjacent buildings. This portion of the project will relocate the sanitary sewer from the building site without interruption of existing service.

December 8, 1983 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)
CANCER RESEARCH INSTITUTE
SANITARY SEWER RELOCATION (contd)

General Contract

Date Received:	October 25, 1983
No. of Bids:	4
Low Bid:	\$ 63,135.00
High Bid:	\$ 78,550.00
Estimate of Cost:	\$ 70,000.00
Awarded to:	Complete General Construction, Grove City, Ohio
Total Contract:	\$ 63,135.00
Total Contingency Allowance:	\$ 3,157.00 (which is 5 per cent of construction cost)
Total Project Cost:	\$ 78,053.21
Funding:	Am. Sub. HB 552 and University funds*

*Bids were originally received for this project on December 8, 1982, and reported to this Board on February 4, 1983, but State funds were never released. The Sanitary Sewer Relocation portion of the Cancer Research Institute project is being funded by University funds.

NOW THEREFORE

BE IT RESOLVED, That pursuant to the actions previously authorized by the Board, the award of contracts and the establishment of project funds and contingency funds for the projects listed above are hereby approved.

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

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President Jennings asked that the record show that neither he nor Mr. Galbreath were involved in the recommendation to the Board concerning the following two easements granted to the Ohio Bell Telephone Company.

EASEMENT
THE OHIO BELL TELEPHONE COMPANY

Resolution No. 84-66

Synopsis: Renewal of telephone pole easement for the Ohio Bell Telephone Company telephone lines along North Star Road, Columbus, Ohio, is proposed.

December 8, 1983 meeting, Board of Trustees

**EASEMENT
THE OHIO BELL TELEPHONE COMPANY (contd)**

WHEREAS in 1968 the Board of Trustees granted a telephone pole easement to the Ohio Bell Telephone Company, consisting of a 15 foot wide strip of land approximately 1,160 feet in length running parallel to North Star Road; and

WHEREAS the original grant has expired and Ohio Bell has requested renewal of this easement; and

WHEREAS the telephone lines will serve University facilities; and

WHEREAS the appropriate University departments have recommended that this grant be renewed:

NOW THEREFORE

BE IT RESOLVED, That the Vice President for Business and Finance 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. Redman, seconded by Mr. Teaford, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**EASEMENT--OHIO BELL TELEPHONE COMPANY
MOLLY CAREN AGRICULTURAL CENTER, MADISON COUNTY, OHIO
Resolution No. 84-67**

Synopsis: Telephone line and equipment cabinet easement for the Molly Caren Agricultural Center is proposed.

WHEREAS the Ohio Bell Telephone Company has requested a telephone line and equipment cabinet easement at the Molly Caren Agricultural Center, Madison County, Ohio; and

WHEREAS the easement is for the purpose of installing and maintaining telephone lines and equipment cabinets which will serve solely the facilities of the Agricultural Center; and

WHEREAS the appropriate University departments have recommended that this easement be granted:

NOW THEREFORE

BE IT RESOLVED, That the Vice President for Business and Finance 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 8, 1983 meeting, Board of Trustees

EASEMENT--OHIO BELL TELEPHONE COMPANY
MOLLY CAREN AGRICULTURAL CENTER, MADISON COUNTY, OHIO (contd)

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

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EASEMENT
COLUMBUS AND SOUTHERN OHIO ELECTRIC COMPANY
Resolution No. 84-68

Synopsis: Underground electric line easement to Columbus and Southern Ohio Electric Company is proposed.

WHEREAS Columbus and Southern Ohio Electric Company has requested an electric line easement consisting of a strip of land 10 feet in width and 840 feet in length located at the north end of the University Services Center on the east side of Kenny Road; and

WHEREAS the easement will serve University facilities only; and

WHEREAS the appropriate University departments have recommended that this easement be granted:

NOW THEREFORE

BE IT RESOLVED, That the President and/or the Vice President for Business and Finance 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. Immke, seconded by Mr. Redman, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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EASEMENT
COLUMBUS AND SOUTHERN OHIO ELECTRIC COMPANY
Resolution No. 84-69

Synopsis: Electric line easement for WOSU-TV transmitter facility is proposed.

WHEREAS Columbus and Southern Ohio Electric Company has requested an electric line easement consisting of a strip of land 10 feet in width and 390 feet in length on property located on State Route 3 in Delaware County and used as a transmitter site for WOSU-TV; and

WHEREAS the electric line for which this easement is requested will serve only University facilities; and

December 8, 1983 meeting, Board of Trustees

**EASEMENT
COLUMBUS AND SOUTHERN OHIO ELECTRIC COMPANY (contd)**

WHEREAS the appropriate University departments have recommended that this easement be granted:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Finance be authorized to request the Deputy Director for 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 the easement.

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

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COMMENDATION FOR S. EARL BROWN

Resolution No. 84-70

WHEREAS Dr. S. Earl Brown has served as Dean of the College of Social and Behavioral Sciences since March, 1979 and before that as Assistant Dean of the College and Professor of Geography; and

WHEREAS Dean Brown's outstanding career with the University spans a period of more than 25 years, beginning with his appointment in 1957 as Assistant Professor of Geography; and

WHEREAS Dr. Brown is retiring as Dean of the College of Social and Behavioral Sciences on December 31, 1983 to return to his duties as Professor of Geography:

NOW THEREFORE

BE IT RESOLVED, That this Board expresses to Dean S. Earl Brown its deep appreciation and gratitude for his leadership and exemplary service as Dean during the past five years, and wishes him well upon his return to his academic duties.

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

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REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 84-71

RESOLVED, That the report on the University's Investment Portfolio, dated November 18, 1983, 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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December 8, 1983 meeting, Board of Trustees

Thereupon the Board adjourned to meet Friday, February 3, 1984, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Madison H. Scott
Secretary

John D. Jacob, D.D.S.
Chairman

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THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND ONE HUNDRED AND NINETY-SIXTH MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, February 3, 1984

The Board of Trustees met at its regular monthly meeting on Friday, February 3, 1984, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: John D. Jacob, Chairman, D. James Hilliker, John F. Havens, Edmund C. Redman, Leonard J. Immke, John W. Berry, Shirley D. Bowser, and Hamilton J. Teaford.

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Minutes of the last meeting were approved.

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February 3, 1984 meeting, Board of Trustees

The Chairman, Dr. Jacob, called the meeting of the Board of Trustees to order at 11:45 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: John D. Jacob, Chairman, D. James Hilliker, John F. Havens, Daniel M. Galbreath, Edmund C. Redman, Leonard J. Immke, John W. Berry, Shirley D. Bowser, and Hamilton J. Teaford.

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Dr. Jacob reconvened the meeting at 1:30 p.m.

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CAPITAL PLAN

President Jennings called on Mr. Ihrig to review the Capital Plan that will be presented to the General Assembly within a few weeks.

Mr. Ihrig made the following statement:

Thank you, Mr. President. Mr. Chairman, Board Members, two years ago when I came before you to present the Capital Plan for the current biennium, we noted at the beginning that we had a very short time to prepare the plan and submit it. It appears that the same scenario has happened again this biennium, but we had one great advantage through the foresight and the early efforts of David Marsh, who is sitting here by Mr. Nichols, our Assistant Vice President for Campus Planning, who started working this summer with the Deans and Vice Presidents regarding their priorities. We are well prepared to respond to the call for the Capital Plan for the next six years--that is, the next three bienniums--as we work in the Capital Planning process.

That process for the State of Ohio begins with each of the universities and colleges submitting their plans to the Board of Regents for the six years that starts July 1, 1984 and goes through June 30, 1990. The Regents will review and determine--and make their recommendation to the Governor for a Capital Plan for all higher education. The current schedule is for the Regents' recommendation to be finalized by mid-March this year, with the Governor's recommendation being submitted to the General Assembly by the first of April. The General Assembly will then consider capital funding for the first of the three bienniums--for fiscal years 1985 & 1986. The staff members from the Board of Regents, as well as the Office of Budget and Management, have been on all of our campuses to perform site visits and to obtain background information in order to make their recommendations.

The documents submitted in a Capital Plan, in case you are interested in the bulk and size of them, are what I have in my hand--they are this thick. In order to save you from all of this mass of paperwork, we have tried to summarize the material in the

CAPITAL PLAN (contd)

folders that are in front of you. What we have provided in those folders, you will find for each of the three bienniums. If you look on page three for the first biennium of '85-'86, you will find the summary listing of the projects and the dollar amounts in millions of dollars; and starting on the following page, brief descriptions of each of the projects; starting on page four, the equipment, utilities and renovations; and on page five, more of the line-item type projects.

What I'd like to do is review with you the basic philosophies and guidelines that we've used in putting together this plan and the priorities in which it is submitted. The first major item is our instructional equipment at this University, erasing the backlog of needs and bringing it up to state-of-the-art condition. The majority of the equipment we use for instruction is in the age range of fifteen years, because it was provided at the time of the building boom of the 1960's, as part of the basic construction budgets for the capital projects. Requests from the deans have defined a backlog of around \$84 million dollars in equipment replacement needed for our instructional and research activities. We are requesting a \$30 million catch-up in the first biennium; and this includes \$5 million allocated toward expanding our computer networks on campus to make sure that we enhance the computer literacy of our students and our faculty.

In our second priority we are requesting a total of \$28 million, to be used for what we classify as utilities and renovation. This is where we are working to protect the previous investment of the state in the capital facilities at this University, as well as maintain the various infrastructure support programs that keep this campus community, as well as every campus, alive and working well. Seventy-three percent of the six-year request items relate directly to equipment, utilities and renovation, rehabilitation or replacement of old facilities. Over the six years we have fifteen major buildings we are requesting for renovation; the average age of these fifteen buildings is sixty-eight years old.

In addition to the replacement and rehabilitation, we have to recognize that we have changing patterns within enrollments within the institution (even though total enrollments are level), changing patterns in instruction and research activities, and our continued efforts to meet accreditation standards. We must provide facilities that are responsive to these needs. In addition, we have new academic areas that need to be supported, and in addition we have the need to consolidate various academic departments where over the years, as they have grown and evolved, they have had to be housed in several different buildings on campus. Consolidation is a high priority guideline as we rehabilitate facilities in order to provide more efficient use of personnel and facilities.

We are also maintaining the process we started last biennium, and if you note on the listing on page three, that at the far left margin there are five projects with asterisks after them. Those

February 3, 1984 meeting, Board of Trustees

CAPITAL PLAN (contd)

projects had planning monies provided in the current biennium capital funding; now we are asking for the construction funds for those projects. In each of the bienniums, we have listed major renovation-type projects in which we are asking for the planning money. This is needed so that once we get into the facilities, we have an accurate cost of what it will take to do the renovation work. In addition, it makes better use of the time available and in scheduling new projects. All the monies in this request are in dollars as of January, 1984, so they are consistent; and we have hopes that as the recommendations go forward, those numbers will be enhanced to the appropriate time in which the projects would be bid.

I'd like to note also that in setting these priorities we have attempted to respond to the areas of the greatest need and in the areas of new thrusts that we think are important to the overall mission of this institution. However, we have to take into account that when we are building a new facility, all we need to do is have the vacant land. The problem with renovation and rehabilitation work in existing facilities is there are people and activities going on in those buildings; so that we have to--and this is what Dave Marsh and his staff spend many, many hours on--plan for the relocation of the people to minimize the amount of relocation involved and to move them back into consolidated, improved quality space. This is a significant problem and it does affect the priorities of when certain projects can be implemented.

We think in overall summary that we have a sound plan to maintain and upgrade, where needed, the University's facilities as we prepare to move into the next decade.

I'd be glad to respond at this time to any specific questions that you may have regarding this material.

Mr. Redman:

Mr. Ihrig, does this include the Cancer Hospital or any parts of it other than the radiation?

Mr. Ihrig:

Right. The radiation is a planned component of that because the radiation facilities in the current University Hospital are out of date. And so this does include the radiation relocation into the Cancer Research Center.

Mr. Redman:

But, nothing in this projection includes...

February 3, 1984 meeting, Board of Trustees

CAPITAL PLAN (contd)

Mr. Ihrig:

No, that is in the current biennium and we expect to have that funded except for a certain amount of the equipment which we cannot acquire until after the center is constructed.

Mr. Redman:

So, that would be in addition to what we have?

Mr. Ihrig:

Yes, sir.

President Jennings:

Well, remember the Cancer Facility is in the Capital Budget for the last biennium, and so that that facility is already authorized by the General Assembly--

Mr. Redman:

But, didn't the Governor put a hold on that--

President Jennings:

No, the Governor has not pulled back on that. He did put a hold on all capital projects during the Issues 2 and 3 discussion, but the Cancer Center is part of the past appropriation. It would only have to go in there for reappropriation insofar as the funds were not encumbered by 30 June, and we expect to have bids let and everything encumbered by 30 June of '84--or virtually everything encumbered.

Mr. Ihrig:

Except for the equipment.

President Jennings:

Yes.

Mr. Jackson:

Mr. President, if things go on normally on the Cancer Research Center, bids should be taken in April.

President Jennings:

Of course they will go on normally, right?

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February 3, 1984 meeting, Board of Trustees

AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY

Resolution No. 84-72

Synopsis: Amendments to rules 3335-3-19, 3335-3-20, 3335-5-37, 3335-5-52, 3335-5-60, 3335-7-13, 3335-7-14, 3335-7-15, 3335-7-16, 3335-7-20, 3335-7-21, 3335-7-22, 3335-7-23, 3335-7-32, 3335-7-33, 3335-9-12, 3335-9-14, 3335-9-17, 3335-9-171, 3335-9-18, 3335-9-20, 3335-9-30, 3335-9-321, 3335-11-06, 3335-13-01, and 3335-13-03 are being proposed.

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 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 3, 1983, as follows:

AMENDED RULES

3335-3-19 University registrar.

Subject to the direction of the vice provost for student affairs, the principal duties of the university registrar shall be the supervision of the details of registration, records, and scheduling which shall include: distribution of registration forms; distribution of approved schedules; fee assessments and adjustments; record of fee payments; maintenance of current quarter schedules; maintenance of home or permanent addresses, name and address of person(s) to be notified in case of emergency, local addresses and the respective telephone numbers of all currently enrolled students; the posting of quarters of attendance; the posting of all courses and respective marks; recording of all probations and dismissals; recording of withdrawals; recording of all degrees earned and dates; recording of all past names and other demographic data; the distribution of the official student records to include the proper confidentiality safeguards; scheduling of classroom space, classes, and final examinations; offering placement testing, admission testing, test scoring services, a mechanism for student evaluation of teaching, and coordination of the credit by examination programs; other routine duties associated with the registration, records, and scheduling of students; and special projects and duties that may be assigned from time to time by the vice provost for student affairs.

3335-3-20 Director of admissions.

Subject to the direction of the vice provost for student affairs, the principal duties of the director of admissions shall be as follows:

- (G) Engage in special projects or duties as may be assigned from time to time by the vice provost for student affairs.

3335-5-37 Membership.

There shall be a university senate, a unicameral body constituted as follows:

AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)

- (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-four administration members
 - Sixty-eight faculty members
 - Forty student members, consisting of twenty-five 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 ombudsman, the director of alumni affairs, the secretary of the university senate, the president of freshman senate, the president of undergraduate student government, the vice president of undergraduate student government, the president of the council of graduate students, and the president of the graduate-professional council.

3335-5-52 Council on admission and registration.

- (A) The council on admission and registration shall consist of nineteen members chosen as follows:
- (1) Appointed members. Three members of the university faculty shall be appointed by the president for three-year terms. Appointed members shall be eligible for reappointment.
 - (2) Ex officio members. The persons holding the following titles shall be ex officio members: vice president for academic affairs and provost or designee (who shall serve as chairperson of the council); vice provost for student affairs or designee (who shall serve as secretary of the council); vice president for business and finance or designee; university registrar; and the director of admissions.
 - (3) Members elected by the senate: six faculty, at least three of whom shall be senate members; two undergraduate students; two graduate students; and one professional student.

3335-5-60 University calendar committee.

- (A) The university calendar committee shall consist of fourteen members as follows:
- (1) Six members of the university faculty for terms of three years. A faculty member completing a full term shall be ineligible for reelection for one intervening year;
 - (2) Four students consisting of two undergraduates (including a senate member), one graduate, and one professional student;

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AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)

- (3) The vice president for academic affairs and provost or designee;
- (4) A representative of the council of deans;
- (5) The university registrar, or designee, ex officio;
- (6) The vice president for personnel services, or designee, ex officio.

3335-7-13 Class rosters.

Instructors shall make their class rosters solely from the rosters issued by the office of the university registrar, except that each department or school is authorized to change the hour assignment of a student for courses offered in more than one section. The department or school shall notify the office of the university registrar of all such changes.

3335-7-14 Approval of student schedules.

The deans or secretaries of the several colleges and schools, or designees, shall approve the schedules of classes of students in their colleges and schools but the assignment to hours and all changes in such assignment shall be made by the office of the university registrar.

3335-7-15 Changes of schedules.

No instructor shall change the hour or place of meeting of any class to which a student has been assigned except with the approval of the office of the university registrar.

3335-7-16 Cancellation of elective courses.

As promptly as possible after the filing of the election cards, the office of the university registrar shall report to the dean of the college or director of the school having charge of the department or program concerned all elementary elective courses (those numbered below 300) in which fewer than twelve students are enrolled and all elective advanced undergraduate courses (those numbered 300 and above) in which fewer than eight students are enrolled. The dean or director shall cancel every such course unless the department or program can show adequate reason why it should be given. When such a course is cancelled, the dean or director shall notify the office of the university registrar, who shall insert in the official bulletin a notice of its cancellation.

3335-7-20 Schedules for final examinations.

- (A) Examinations for classes taught on the regional campuses and for classes whose enrollment is exclusively of students registered in the colleges of dentistry, law, medicine, optometry, pharmacy, and veterinary medicine will be scheduled by the offices of the regional campuses and of the colleges respectively. All examination schedules prepared outside the office of the university registrar shall, before publication, be cleared with the office of the university registrar which shall have the power to resolve all conflicts.

AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)

- (B) Examinations for graduating students shall be arranged by individual instructors so that final grades for the affected students may be submitted to the office of the university registrar by the deadlines established by that office.
- (C) All other final examinations shall be centrally scheduled by the office of the university registrar. The official examination schedules shall be strictly adhered to by all instructors. Any deviation must first be approved by the appropriate university official (department chairperson, regional campus dean and director, or college dean) in consultation with the office of the university registrar, which shall have the power to resolve all conflicts.
- (D) In performing its scheduling function the office of the university registrar shall limit individual examinations to two-hour duration and the total examination period to no more than five days.

3335-7-21 Marks.

The official marks of the university are as follows: "A," "A-," "B+," "B," "B-," "C+," "C," "C-," "D+," "D," "E," "EM," "I," "K," "P," "PA/NP," "R," "S/U," "W." These marks shall have the following meaning:

- (A) "A," "A-"

The instructor judged the student to have satisfied the stated objectives of the course in an excellent manner. The student's performance was judged to be in this range of high quality based upon a comparison with other students in the course, and/or with students who have taken the course previously, and/or the instructor's personal expectations relative to the stated objectives of the course, based on the instructor's experience and expertise.

- (B) "B+," "B," "B-"

The instructor judged the student to have satisfied the stated objectives of the course in an above-average manner. The student's performance was judged to be in this range of above-average quality based upon a comparison with other students in the course, and/or with students who have taken the course previously, and/or the instructor's personal expectations relative to the stated objectives of the course, based on the instructor's experience and expertise.

- (C) "C+," "C," "C-"

The instructor judged the student to have satisfied the stated objectives of the course in an average manner. The student's performance was judged to be in this range of average quality based upon a comparison with other students in the course, and/or with students who have taken the course previously, and/or the instructor's personal expectations relative to the stated objectives of the course, based on the instructor's experience and expertise.

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AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)

(D) "D+," "D"

The instructor judged the student to have satisfied the stated objectives of the course in a low but acceptable manner. The student's performance was judged to be in this range of below average but acceptable quality based upon a comparison with other students in the course, and/or with students who have taken the course previously, and/or the instructor's personal expectations relative to the stated objectives of the course, based on the instructor's experience and expertise.

(F) "EM"--examination

(1) This mark indicates credit given to students registered in the university on the basis of examinations taken prior to or after admission to the university. The level of achievement which must be demonstrated by the student on these examinations in order to receive "EM" credit shall be determined by the department or school in which the course is offered for credit, in accord with the criteria for the award of letter grades. This credit, up to a maximum of forty-five credit hours, shall be assigned only upon the authorization of the chairperson of the department or the director of the school and with the approval of the authorized representative of the dean or director of the student's enrollment unit. Additional examination credit hours may be assigned specific curricular programs with the prior approval of the council on academic affairs.

(2) Examination credit shall not be given to a student for a course in which the student has received a mark at this university for which the student has transfer credit from some other college or university. Conversely, no course for which "EM" credit has been received can be taken later for a grade or credit. No credit points are allowed for courses in which a mark of "EM" is given.

(G) "I"--incomplete

(1) An "I" indicates that the student has completed a major portion of the work in the course in a satisfactory manner, but for reasons judged by the instructor to be legitimate, a portion of the course requirements remains to be completed.

(2) The mark "I" shall be reported to the office of the university registrar together with the mark which the university registrar is authorized to enter on the student's official record unless a different mark is reported to the office of the university registrar in the manner and within the time described below.

(3) The student must complete the work so that the instructor of the course may report the final mark at the earliest possible time, but not later than noon of the sixth Saturday of the quarter following the quarter in which the "I" was received. For legitimate reason the instructor may establish a deadline for the

AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)

completion of the work which is within the maximum time permitted. Upon petition of the student within this period, the authorized representative of the dean or director of the enrollment unit in which the student was last enrolled after consultation with the instructor of the course, or, if the instructor is unavailable, the chairperson of the department involved, may for good reason allow a student additional time in which to complete the work. Generally, this shall not be longer than the end of the quarter following the quarter in which the "I" was received. Any decision extending the period shall set forth the time in which the student shall complete the work and a copy of the decision shall be forwarded to the office of the university registrar.

- (4) As soon as the incomplete work has been made up, the instructor, or in the case of the instructor's absence from the university, the department chairperson or the director of the school, shall file the proper mark in the office of the university registrar. Until such time as a final mark is recorded the credit for the mark "I" shall be counted as hours only, and shall not be considered in determining a student's point-hour ratio under rule 3335-7-26 of the Administrative Code.
- (5) In no case shall a student who has received the mark "I" be permitted to repeat the course in which such mark was received until such time as the "I" has been removed and then only in such cases as fall within rule 3335-7-28 of the Administrative Code.

3335-7-22 Report of marks.

Upon completion of the course requirements, marks for every student shall be reported to the office of the university registrar in accord with deadlines listed in the quarterly master schedule of classes.

3335-7-23 Alteration of marks.

- (A) A mark filed in the office of the university registrar is a part of the official records of the university. It is subject to change only when a procedural error has been discovered in evaluation or recording of a grade. Action to change a grade must be initiated before the end of the second succeeding quarter. In no case will a grade be revised in accordance with criteria other than those applied to all students in the class. If the instructor agrees that an error in the mark was made, the mark will be changed upon written authorization of:
 - (1) The instructor of the course,
 - (2) The instructor's department chairperson,
 - (3) The director of the instructor's school, if applicable,
 - (4) The dean of the instructor's college, and

AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)

- (5) The authorized representative of the dean or director of the student's enrollment unit.

If a student believes that a procedural error in grading was made, the student should meet with the instructor. If the instructor does not agree that a procedural error was made, the student may meet with the department chairperson to discuss the grade grievance. The chairperson shall respond to the student no later than thirty days after the student has requested a review by the chairperson. Upon receipt of the chairperson's response, if the issue is not resolved to the satisfaction of the student, the student may within two weeks request in writing by duplicate submission to the dean or director of the instruction unit and the department chairperson the procedures in paragraph (B) of this rule. Unresolved cases of grade grievance due to grading procedures are subject to paragraph (B) of this rule; unresolved cases of grade grievance due to other causes are not subject to paragraph (B) of this rule.

- (B) Unresolved cases of grade grievance due to grading procedures shall be reviewed by a faculty departmental committee appointed by the department chairperson.

- (1) In cases of instructors still affiliated with the university, the review committee shall consult both the student and the instructor and shall determine the validity of the grade grievance due to grading procedures. The review committee shall make its findings known in writing to both the student and the instructor within thirty days of the student's request to the chairperson.

If the committee finds that a procedural error has occurred and if the instructor declines to accept the findings of the review committee, the committee shall consider the reasons for not authorizing a grade change given by the instructor and may, upon consideration of these reasons, authorize in writing a grade change to be instituted by the department chairperson.

- (2) In cases of instructors no longer affiliated with the university, the findings of the committee shall be reported to both the student and the instructor. If the instructor chooses not to respond, the judgment of the committee shall prevail. If the instructor responds and declines to accept the findings of the committee that a procedural error has occurred, the committee shall consider the reasons for not authorizing a change given by the instructor. In either case, the committee may, upon due consideration, authorize in writing a grade change (if such can be determined) to be instituted by the department chairperson.

If a department committee can find no academic basis upon which to recommend an appropriate grade for the course, the student shall be given the option of having the course stricken from the student's record and, if so desired, to retake that course without prejudice or penalty.

AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)

- (C) If charges of grave academic misconduct against an instructor are made and substantiated under rule 3335-5-04 of the Administrative Code, the department chairperson shall be authorized to appoint a department grade grievance committee to consider grading errors that are alleged to be related to the misconduct. The committee shall consider all evidence and present, in writing, a report to the chairperson indicating any recommended grade changes. The department chairperson shall be authorized to institute grade changes in accordance with the recommendations of the committee.

If a department committee can find no academic basis upon which to recommend an appropriate grade for the course, the student shall be given the option of having the course stricken from the student's record and, if so desired, to retake that course without prejudice or penalty.

3335-7-32 Withdrawal from courses or from the university.

- (D) After five p.m. of the third Friday of a quarter and until five p.m. of the seventh Friday of a quarter, if a student withdraws from any or all courses which began in the same quarter, the university registrar is authorized to enter the mark "W" on the student's official permanent record for the courses withdrawn.
- (E) After five p.m. of the seventh Friday of the quarter or the second Friday of a summer term, a student who because of circumstances beyond his/her control finds it necessary to withdraw from any or all courses, must file the appropriate petition with the authorized representative of the dean or director of the enrollment unit. Reasons not acceptable include (but are not limited to) the student's performance in the course(s), lack of preparation for the course(s), or dissatisfaction with the subject matter offered in the course(s). If the petition is approved, a copy will be filed with the university registrar who is then authorized to enter the mark "W" on the student's official permanent record and the instructor(s) of the course(s) will be so notified. If the petition is not approved, the student continues to be enrolled in the course(s) and a final mark must be submitted by the instructor(s). Withdrawal from any and all courses shall not be permitted after the last day of regularly scheduled classes except when the student experiences a genuine emergency after the regularly scheduled classes end and prior to sitting for the final examination in a given course or courses.

3335-7-33 Conditions for disenrollment from a course.

- (A) After consultation with the instructor, the chairperson of the instructor's department (or other appropriate administrative official) may disenroll a student from a course if:
- (1) By the third instructional day of the quarter or the second scheduled class session of the course, whichever occurs later, the student fails to attend the scheduled course without giving prior notification to the instructor. In such cases the chairperson (or other appropriate administrative official) shall notify the student's college office. A change ticket removing the course from the

AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)

student's schedule shall be prepared and copies forwarded to the student and to the office of the university registrar. The student is not relieved of the responsibility for dropping such course in the customary way.

- (2) The student enrolls to audit a course without the instructor's approval, or fails to meet the prerequisites of the course, or fails to demonstrate adequate preparation as provided in rule 3335-7-30 of the Administrative Code. Disenrollment procedures shall be the same as in paragraph (A) (1) of this rule.
- (B) After consultation with the instructor, students in the course, and the student in question, 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.
- (C) For disenrollment, exclusive of audit, under sections (A) and (B) of this rule, the university registrar shall enter on the student's official permanent record:
- (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. 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.

3335-9-12 Registration conditional upon payment of fees.

- (A) All quarterly bills, fees, and deposits required from students must be paid at the office of fees and deposits prior to and as a condition of registration for that quarter.

3335-9-14 Time of registration and payment of fees; penalties.

- (A) Payment of fees is required of all students each quarter by the close of business on the date established by the vice provost for student affairs in cooperation with the appropriate offices, and published by the office

AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)

of the university registrar. This fee payment deadline will apply to the postmark date for fees paid by mail and to the date of receipt for fees paid in person. Failure to meet this requirement will result in a penalty assessment, unless excused by the university registrar or designee.

3335-9-17 Filing registration forms.

All students are required to present their registration forms with course requests each quarter at the time and place announced by the office of the university registrar. Failure to comply with this rule will result in a penalty assessment.

3335-9-171 Additions to approved schedules.

- (D) 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).
- (E) 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.

3335-9-18 Return of fees.

- (D) In order to be eligible for the listed refund, the student must present to the office of fees and deposits--within the time listed above--written permission to withdraw, signed by the dean of the student's college, at which time the student's fee card must be surrendered.
- (E) If exceptional conditions prevent the presentation of the authorization to withdraw at the office of fees and deposits at the proper time, and if the student has not been able to attend classes during this time, the case should be referred for decision to the university registrar or designee.

3335-9-20 Improper admission or registration.

Admission or registration may be cancelled by the director of admissions or the university registrar in cases of improper registration or when false or incomplete information is provided on the application for admission, registration forms, or other official documents. No credits earned subsequent to such cancellation and prior to proper admission or registration shall be entered upon the permanent record of the student. Students whose admission or registration is cancelled are not entitled to any refund of fees.

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AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)

3335-9-30 Requirements for an undergraduate baccalaureate degree.

To obtain an undergraduate baccalaureate degree from this university, an undergraduate student must:

- (G) Except for paragraph (B) of this rule, waiver of any part of this rule in the case of individual students may be made only by the council on academic affairs following prior approval by the appropriate executive committee. The vice president for academic affairs and provost shall transmit all affirmative actions of the council on academic affairs under this paragraph to the secretary of the student's college and to the university registrar for notation on the student's permanent record.

3335-9-321 Requirements for certificate of study.

A certificate of study may be awarded concurrent with or following the student's receipt of a baccalaureate degree. Award of such certificates shall attest to demonstrated competence in a coherent academic curriculum, program, or area of study.

- (B) Waiver of any part of this rule in the case of individual students may be made only by the council on academic affairs upon recommendation of the executive committee of the college, colleges, or school. The vice president for academic affairs and provost shall transmit all affirmative actions of the council under this section to the secretary of the student's enrollment unit and to the university registrar for notation on the student's permanent record.

3335-11-06 Student use of university facilities.

- (B) No student, group of students, or registered student organization may announce an activity involving the use of university facilities including outdoor space or may use such facilities for an activity, unless such use has been approved first by the student organizations and activities office and has been scheduled through the office of the university registrar in accordance with rule 3335-13-03 of the Administrative Code.

3335-13-01 Drives and canvassing.

- (A) Canvassing or solicitation for funds, sales, or subscriptions are prohibited on university campuses or in university buildings unless written permission therefor shall first have been granted by the office of the university registrar which may seek recommendation regarding requests for permission from appropriate university offices.
- (B) The sale of merchandise of any kind whatsoever, or publications or services upon university property, other than by the regularly authorized stores, restaurants, departments or divisions of the university, is likewise prohibited except upon written permission of the office of the university registrar which may seek recommendation regarding requests for permission from appropriate university offices. The responsibility and authority of the office of the university registrar under this rule may be delegated by it to a member of the university faculty or staff.

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AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)

3335-13-03 University facilities.

- (B) The office of the university registrar shall be responsible for the scheduling of and shall have the necessary authority to schedule all university facilities. No meeting shall be scheduled in or announced for any university facility unless permission to use the facility has been obtained in advance from the office of the university registrar. All requests for the use of university facilities shall indicate the nature of the proposed meeting. If the proposed meeting is one to which a guest speaker is to be invited, the request for the use of university facilities shall indicate the name of the guest speaker and shall be submitted to the office of the university registrar at least two weeks prior to the date the meeting is to be held, but such two-week period may be waived by the office of the university registrar if the exigencies of the situation so require and the orderly scheduling of university facilities would not be unduly prejudiced (see rule 3335-5-06 of the Administrative Code).
- (D) The responsibility and authority of the office of the university registrar under this rule may be delegated by it to a member of the university faculty or of the staff of this university.

NOW THEREFORE

BE IT RESOLVED, That the amendments to rules 3335-3-19, 3335-3-20, 3335-5-37, 3335-5-52, 3335-5-60, 3335-7-13, 3335-7-14, 3335-7-15, 3335-7-16, 3335-7-20, 3335-7-21, 3335-7-22, 3335-7-23, 3335-7-32, 3335-7-33, 3335-9-12, 3335-9-14, 3335-9-17, 3335-9-171, 3335-9-18, 3335-9-20, 3335-9-30, 3335-9-321, 3335-11-06, 3335-13-01, and 3335-13-03 of the Rules of the University Faculty be adopted as recommended by the University Senate.

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

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WAIVER OF PARAGRAPH (G) OF BYLAW 3335-1-08
OF THE ADMINISTRATIVE CODE

Resolution No. 84-73

Synopsis: Request to waive paragraph (G) of bylaw 3335-1-08 of the Administrative Code for the naming of the Technical Education Center on the Mansfield Campus.

WHEREAS the Board of Trustees of The Ohio State University did, on January 9, 1976, amend paragraph (G) of bylaw 3335-1-08 of the Administrative Code to state that "buildings and structures shall not be named for any person who is an officer or employee of the University or the State of Ohio, but may be named for a person who has been retired or has otherwise left such a position for a minimum of three years"; and

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**WAIVER OF PARAGRAPH (G) OF BYLAW 3335-1-08
OF THE ADMINISTRATIVE CODE (contd)**

WHEREAS the President wishes to recommend that the Technical Education Center on the Mansfield Campus be named to honor Henry R. Fallerius who retired on January 31, 1984 as President of the North Central Technical College:

NOW THEREFORE

BE IT RESOLVED, That the applicable requirements of paragraph (G) of bylaw 3335-1-08 of the Administrative Code be waived so that the Technical Education Center on the Mansfield Campus can be named for an officer or employee of the University or the State of Ohio who has not been retired from such position for three years.

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

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NAMING OF BUILDING

Resolution No. 84-74

Synopsis: Naming of building is proposed.

WHEREAS pursuant to authority of this Board in naming of all buildings at The Ohio State University as set forth in paragraph (G) of rule 3335-1-08 of the Administrative Code; and

WHEREAS the President recommended, with the concurrence of the President's Staff, that the Technical Education Center located on the Mansfield Campus at 2411 Kenwood Circle be named Henry R. Fallerius Technical Education Center, to honor Dr. Fallerius, who has served the college since 1965 and became its first President in July, 1969:

NOW THEREFORE

BE IT RESOLVED, That the above specified building be named Henry R. Fallerius Technical Education Center.

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

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HONORARY DEGREE

Resolution No. 84-75

Synopsis: Approval is requested for awarding an honorary degree.

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HONORARY DEGREE (contd)

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:

Arthur H. Robinson

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 recipient.

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

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PERSONNEL ACTIONS

Resolution No. 84-76

Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Resumption of Duties of Principal Administrative Official, Change in Title, Reappointment of Principal Administrative Official, Appointment of Department Chairpersons, Medical Staff--Appointments, Medical Staff--Reappointment, Leaves of Absence Without Salary, Leaves of Absence Without Salary--Extension, Leave of Absence Without Salary--Cancellation, and Emeritus Titles are recommended for approval.

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the December 8, 1983 meeting of the Board, including the following Resumption of Duties of Principal Administrative Official, Change in Title, Reappointment of Principal Administrative Official, Appointment of Department Chairpersons, Medical Staff--Appointments, Medical Staff--Reappointment, Leaves of Absence Without Salary, Leaves of Absence Without Salary--Extension, Leave of Absence Without Salary--Cancellation, and Emeritus Titles, as detailed in the University Budget, be approved.

Resumption of Duties of Principal Administrative Official

JAMES E. MEEKS, Dean of the College of Law, to resume duties and responsibilities effective January 1, 1984 following recuperation from injuries sustained last fall.

Change in Title

Name:	Russell J. Spillman
Title:	Vice Provost for Student Affairs
Office:	Academic Affairs
Effective:	Immediately
Salary:	\$67,680.00
Present Position:	Associate Provost

February 3, 1984 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Reappointment of Principal Administrative Official

FREDERICK W. HEBBARD, Dean of the College of Optometry, effective January 1, 1984 through June 30, 1988, pursuant to rule 3335-3-17 of the Administrative Code.

Appointment of Department Chairpersons

July 1, 1983 through June 30, 1987

Art

Charles W. Massey, Jr.

April 1, 1984 through June 30, 1988

Agricultural Economics and
Rural Sociology

Joseph Havlicek, Jr.

May 1, 1984 through June 30, 1988

Plant Pathology

Charles R. Curtis

Medical Staff--Appointments

Effective August 15, 1983

Peter Josef Tutschka, M.D.

Attending Staff in Hematology; Professor

Effective January 1, 1984

Albert C. Clairmont, M.D.

Transfer from Limited Staff to Attending Staff in Physical Medicine
and Rehabilitation; Clinical Assistant Professor

Christopher J. Sutton, M.D.

Limited Staff in Anesthesiology; Clinical Instructor HS

William R. Thompson, M.D.

Courtesy Staff in General Medicine; Clinical Associate Professor

Peter J. Wilson, M.D.

Limited Staff in Anesthesiology; Clinical Instructor HS

Effective January 3, 1984

Robert M. Gougelet, M.D.

Limited Staff in Family Medicine; Clinical Instructor HS

Effective January 10, 1984

Curtin G. Kelley, M.D.

Attending Staff in Ophthalmology; Assistant Professor

February 3, 1984 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Medical Staff--Reappointment

Effective July 1, 1983

Paul D. Redmond, M.D.
Courtesy Staff in General Surgery

Leaves of Absence Without Salary

KELSO L. WESSEL, Associate Professor, Department of Agricultural Economics and Rural Sociology, effective January 1, 1984 through April 30, 1984, to accept a Visiting Professorship at the University of Florida.

CIRIYAM JAYAPRAKASH, Assistant Professor, Department of Physics, effective February 28, 1984 through March 25, 1984, to enable him to do collaborative research at IBM, T. J. Watson Research Center.

PAUL J. QUIRK, Assistant Professor, Department of Political Science, effective Winter Quarter and Spring Quarter, 1984, to serve as a Staff Associate at the Brookings Institution.

Leaves of Absence Without Salary--Extension

GEORGE J. DEMKO, Professor, Department of Geography, effective Autumn Quarter 1983 and Winter Quarter 1984, extension through Summer Quarter 1985, to continue as Program Director for Geography and Regional Science at the National Science Foundation.

ANDRES DEL JUNCO, Associate Professor, Department of Mathematics, effective January 1, 1983 through December 31, 1983, extension through June 30, 1984, to either extend his stay at Amsterdam or accept a visiting position at the University of Maryland.

Leave of Absence Without Salary--Cancellation

STEPHEN BUSER, Associate Professor, Academic Faculty of Finance, Leave of Absence effective Winter Quarter and Spring Quarter 1984, cancel Winter Quarter 1984 only.

Emeritus Titles

DESMOND L. COOK, Department of Educational Theory and Practice, with the title Professor Emeritus, effective February 1, 1984.

STEFAN DROBOT, Department of Mathematics, with the title Professor Emeritus, effective February 1, 1984.

DANIEL HOWLAND, Academic Faculty of Management Sciences, with the title Professor Emeritus, effective January 1, 1984.

February 3, 1984 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Emeritus Titles (contd)

MELVIN K. KRILL, Cooperative Extension Service, with the title Professor Emeritus, effective January 1, 1984.

DONALD G. LUX, Department of Educational Theory and Practice, with the title Professor Emeritus, effective February 1, 1984.

RICHARD O. MOORE, Department of Biochemistry, with the title Professor Emeritus, effective February 1, 1984.

RANDALL R. REED, Department of Animal Science, with the title Professor Emeritus, effective December 1, 1983.

MELVIN S. RHEINS, Department of Microbiology, with the title Professor Emeritus, effective February 1, 1984.

RICHARD L. RUDY, Department of Veterinary Clinical Sciences, with the title Professor Emeritus, effective February 1, 1984.

WILLIAM B. SHOOK, Department of Ceramic Engineering, with the title Professor Emeritus, effective January 1, 1984.

PAUL GOTTWALD, Department of German, with the title Associate Professor Emeritus, effective July 1, 1984.

ROBERTA A. GARRETT, University Libraries, with the title Assistant Professor Emeritus, effective February 1, 1984.

CHARLES E. BILLINGS, Department of Preventive Medicine, with the title Clinical Professor Emeritus, effective October 1, 1983.

WILEY L. FORMAN, Department of Medicine, with the title Clinical Professor Emeritus, effective January 1, 1984.

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

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EARLY RETIREMENT INCENTIVE PROGRAM

Resolution No. 84-77

Synopsis: Early Retirement Incentive Program is proposed.

WHEREAS in July 1983, the Ohio General Assembly enacted Amended Substitute House Bill 410 which became effective on October 7, 1983, enabling universities and colleges to establish retirement incentive plans for individuals at their respective institutions who are members of the State Teachers Retirement System (STRS); and

February 3, 1984 meeting, Board of Trustees

EARLY RETIREMENT INCENTIVE PROGRAM (contd)

WHEREAS The Ohio State University desires to adopt such a retirement incentive plan in order to provide more flexibility in its long term planning for its academic human resource needs:

NOW THEREFORE

BE IT RESOLVED, That effective April 15, 1984, and continuing for one year thereafter, the University will purchase service credit, in one year increments, for eligible STRS members electing to retire under this plan, and further that the amount of service credit purchased shall not exceed the lesser of three years or one-fifth of the individual's total service credited by STRS as of the date the eligible STRS member elects to participate in this plan; and

BE IT FURTHER RESOLVED, That to be eligible, all members must be members of STRS and must have attained the age of fifty (50) and be currently eligible to retire or eligible to retire after including the years of 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 STRS as of January 1, 1984, 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 Section 3307.35; and

BE IT FURTHER RESOLVED, That those individuals who are eligible and approved for participation in this plan must retire within ninety (90) days of notification that additional service credit has been purchased; and further that those individuals who retire under this plan will not be eligible for participation in any other supplemental or early retirement program previously established by the University; and

BE IT FURTHER RESOLVED, That the President and/or the Vice President for Personnel Services are hereby authorized to notify the State Teachers Retirement System on the official form approved by that agency of The Ohio State University's election to participate in a retirement incentive plan in accordance with Section R.C. 3307.35 and the terms of this resolution.

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

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RESOLUTIONS IN MEMORIAM

Resolution No. 84-78

Synopsis: Resolutions honoring the service of seven of the University's faculty members who have recently died are being proposed.

February 3, 1984 meeting, Board of Trustees

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.

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

William M. Drenten

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on January 13, 1984, of William M. Drenten, Assistant Professor in the School of Journalism.

William M. Drenten was born January 7, 1926, in Grand Rapids, Michigan. He received the B.A. degree from Otterbein College in 1951. He began his professional career in news as a reporter and cameraman for WBNS-TV, Columbus, Ohio in 1951, working in that capacity until 1958 at which time he became news director for the television station. During the next two years he worked as a stringer for CBS, NBC and Sportlite, Inc. and during the period 1964 to 1968 he worked as state supervisor of the NBC Ohio Election Unit. In 1959 he joined the faculty of the School of Journalism as an assistant professor of broadcast news and continued in that position until his death. He was a veteran of the U. S. Navy, having served during World War II, from 1943 to 1946.

Professor Drenten was active with the Boy Scouts of America and was awarded its highest honor for leadership, the Silver Beaver Award. He was known for his close ties with students in the classroom, in the laboratory, and in serving them through academic and career counseling. He was an effective and conscientious teacher.

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.

Marion T. Gatrell

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on January 21, 1984 of Marion T. Gatrell, Associate Professor Emeritus in the Department of Art.

Marion T. Gatrell was born November 13, 1909 in Columbus, Ohio. She received her M.A. degree from The Ohio State University in 1932. Professor Gatrell served as Director of Art at Otterbein College from 1932 to 1938. In 1943, while he served in World War II, Mrs. Gatrell replaced her husband, Robert, as a faculty member at The Ohio State University. From 1947 when her husband returned until 1966, Professor Gatrell managed the first advising office for The Ohio State University School of Art. She then returned to full-time teaching until her retirement in 1976.

February 3, 1984 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Marion T. Gatrell (contd)

Professor Gatrell was listed in Who's Who in American Art, Who's Who of American Women, Who's Who in the Midwest, and WORLD Who's Who of Women (1974). Her best known exhibition was in the International Women's Competition in Cannes, France in 1968. One of her paintings was chosen for the cover of the French magazine, *La Revue Moderne*.

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.

Norman Levine

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on December 28, 1983 of Norman Levine, Professor in the Department of Mathematics.

Professor Levine was born in Cleveland, Ohio on November 22, 1923, and was educated in the public schools of that city. He served as a Weather Officer in the Army Air Corps during the Second World War. He graduated from Western Reserve University in June 1947 with a B.S. in Mathematics. He received his M.A. degree in August 1948 and his Ph.D. degree in August 1951, both in Mathematics from The Ohio State University. He was a Teaching Assistant here from 1947 through 1949 and an Instructor from 1950 through 1952. Professor Levine then worked as a Mathematician for the Department of Defense until 1953, when he accepted a position as Assistant Professor of Mathematics at the University of Pittsburgh. He was promoted to the rank of Associate Professor in 1956. He returned to The Ohio State University in 1960 and was promoted to the rank of Professor in 1965.

Professor Levine was a member of the Mathematical Association of America. He was the author of over sixty mathematical research papers, mainly in the field of point set topology. He directed more than twenty Ph.D. dissertations. He prepared meticulously both for his classroom teaching and for his coordination of large enrollment courses. He served on every important departmental committee, displaying sensitivity and flawless judgement.

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.

James T. McDonough

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on January 21, 1984, of James T. McDonough, Assistant Track Coach and Head Coach of Cross Country.

February 3, 1984 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

James T. McDonough (contd)

James T. McDonough was born January 28, 1933. A native of Cleveland, Ohio, he graduated from Cathedral Latin High School in 1951. For the next five years, he divided his time as a part-time college student at John Carroll University and as a professional baseball player in the Pittsburgh Pirates organization. In 1956, he gave up baseball and received a B.S. degree in Social Science at John Carroll.

In 1956, Mr. McDonough joined the faculty of St. Joseph's High School in Cleveland as a teacher and as track coach. During this period he entered graduate school on a part-time basis and completed work for an M.A. degree in Physical Education at Western Reserve University in 1959. In 1963, Mr. McDonough became Athletic Director at St. Joseph's High School and remained in that capacity until 1967, when he went to Kent State University as Assistant Professor in Health and Physical Education, in addition to serving as Assistant Track Coach.

He went to the State University of New York at Buffalo in 1972 as Head Track Coach, where he remained until joining the athletic staff at The Ohio State University, December 1, 1975.

Mr. McDonough served as Assistant Track Coach at Ohio State. He was named Head Coach of Cross Country in 1976. A devoted student of the sport of track and field, he especially enjoyed the challenge of coaching distance runners. He worked with each runner individually, breaking down each event into component distances and then calculating desired times for each segment. He spent countless hours working with runners, encouraging and prodding them to improve their times.

On behalf of the University, the Board of Trustees expresses to the family its deepest 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.

Steven W. Vrba

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on January 20, 1984, of Steven W. Vrba, Assistant Professor in the Department of Theatre.

Steven Wayne Vrba was born April 17, 1956 in Peru, Illinois, and grew up in Grand Rapids, Michigan. He received the B.A. degree in Theatre Design from Purdue University in 1978 and the M.F.A. degree in Theatre Technology from the University of Missouri at Kansas City, 1981. He served as Technical Director of Theatre at Carnegie-Mellon University, 1981-1982. He served as Assistant Technical Director for the Missouri Repertory Theatre, Kansas City, in the summers of 1981 and 1982 and as Sound Designer there from 1979 to 1981. Professor Vrba worked in theatre production at Aquinas College and Opera Association of Western Michigan in Grand Rapids, and at the National Music Camp at Interlochen.

February 3, 1984 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Steven W. Vrba (contd)

Professor Vrba joined The Ohio State University Department of Theatre in the autumn of 1982 as Production Manager and Assistant Professor in theatre technology. A specialist in theatre sound, he was creating a unique educational training program in that area at The Ohio State University. He was an exceptional young theatre educator and represented the best of what one should be as a university professor teaching the artists of tomorrow.

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.

Robert L. Wills

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on January 16, 1984, of Robert L. Wills, Professor Emeritus of the College of Law.

Robert L. Wills was born in Omega, Ohio, on July 3, 1910. He received a B.A. degree from The Ohio State University in 1931 and a J.D. degree in 1934. He earned both Phi Beta Kappa and Order of the Coif. He was associated with the Cleveland, Ohio, firm of Thomson, Hines and Flory between 1934 and 1937 and was engaged in law practice in Chillicothe, Ohio, between 1937 and 1944. During World War II he served on active duty with the United States Naval Reserves. Professor Wills joined The Ohio State University College of Law in 1946 as an Associate Professor, was made a Professor in 1952, and served as Director of the College's Legal Clinic from 1947 to 1955. In 1979, Professor Wills was named the first recipient of the C. William O'Neill Professorship in Law. While at Ohio State, he taught courses in civil procedure, pleading, federal courts, decedents' estates, and jurimetrics. He was also instrumental in designing and implementing the computer-based statistical program governing the admissions and grading policies at the College of Law. Even after his retirement from the law school faculty in 1981, Professor Wills served as a computer consultant to the law school and continued to teach decedents' estates as an Adjunct Professor.

Professor Wills made enormous contributions to the legal profession and law reform. He was a consultant to the Advisory Committee to the Ohio Supreme Court that modernized the Ohio Rules of Civil Procedure, a member of the Probate Reform Committee in Columbus and the Ohio Judicial Council, and he worked actively with the Ohio State Bar Association Committee on Judicial Administration and Law Reform. He also worked actively with several bar associations, including relevant committees of the American Bar Association, the Ohio Bar Association, the Columbus Bar Association, the Association of Trial Lawyers of America, the American Judicature Society, and the Association of American Law Schools. He lectured often to lawyers. Professor Wills also made enormous contributions through his scholarship. He published two books: Materials on Ohio and Federal Pleading (1958), and Materials on the

February 3, 1984 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Robert L. Wills (contd)

Administration of Decedents' Estates (1962, and revised periodically). Among his many law journal articles are several significant ones in The Ohio State Law Journal.

On behalf of the University, the Board of Trustees expresses to the family its deepest 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.

Clara R. Rader

As a special note, the University and the Board of Trustees express their sorrow on learning of the death on January 27, 1984, of CLARA R. RADER. A graduate with two degrees from The Ohio State University, she was a member of the faculty in physical education from 1919 to 1923. Mrs. Rader was the first woman to receive the University's Distinguished Service Award from the Board of Trustees. The award was granted to Mrs. Rader in 1954, soon after the inception of the Distinguished Service Award program. During her life she was very active in alumni affairs, serving as a member of the Alumni Advisory Board for several years. In 1953 she received the Alumnae Council's Woman of Achievement citation.

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

Resolution No. 84-79

Synopsis: The reports on contracts, grants, and gifts and the summaries for November and December 1983 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, and The Ohio State University Development Fund during the months of November and December 1983, be approved.

Upon motion of Mr. Immke, seconded by Mr. Redman, the foregoing resolution was adopted by the Board of Trustees by unanimous voice vote.

February 3, 1984 meeting, Board of Trustees

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

SUMMARY FOR NOVEMBER 1983

Source	No. of Projects	Support Level
The Ohio State University Research Foundation	63	\$5,999,150.00
Engineering Experiment Station	33	\$ 95,150.00
		\$6,094,300.00
The Ohio State University Development Fund		
Establishment of Named Funds		
Roberta B. Nicholson Loan/ Scholarship Fund (Scholarships or Loans - Mechanical Engineering)		\$ 47,674.43
Donna M. Noland Scholarship Fund (Undergraduate scholarships - music or the health sciences, including nursing)		\$ 20,000.00
Raymond J. Burns Scholarship Fund in Law (College of Law)		\$ 11,000.00
Judith Brown Washburn Memorial Scholar- ship Fund (Scholarships - undergraduate)		\$ 6,255.00
Physics Education Advancement Fund (Recognition Awards)		\$ 5,869.29
Bergen Brunswig Scholarship Fund (Scholarship - College of Pharmacy)		\$ 5,000.00
Charles A. Turner Scholarship Fund (Scholarships - Graduate Program in Hospital and Health Services Administration)		\$ 5,000.00

February 3, 1984 meeting, Board of Trustees

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

SUMMARY FOR NOVEMBER 1983 (contd)

The Ohio State University Development Fund (contd)

Report from Presidents Club

Members to date	4,641
1983 members: year to date	114
New members - November 1983	6

New Presidents Club Members - November 1983

Virginia C. Christman
Frederic C. Henry
Andrew B. Shoup

James F. Turner
Warren G. Weiler
Beverly A. Cochran

February 3, 1984 meeting, Board of Trustees

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

SUMMARY FOR DECEMBER 1983

Source	No. of Projects	Support Level
The Ohio State University Research Foundation	74	\$5,152,202.26
Engineering Experiment Station	35	\$ 309,003.00
		\$5,461,205.26

The Ohio State University Development Fund

Establishment of Named Funds

The Coy Heart Research Fund in the College of Medicine (College of Medicine, Division of Cardiology)		\$ 7,813.19
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The Carl F. Ruff Memorial Fund (Scholarships - College of Agriculture and support of International Four-H Youth Exchange Program)		\$ 6,325.00
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Jane Mears Lewis Memorial Scholarship Fund (Scholarship(s) - College of Home Economics or the College of Agriculture)		\$ 6,137.50
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The Doctor Marvin Arthur Korbin Endowment Fund in the College of Medicine (Scholarships - College of of Medicine)		\$ 5,000.00
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Change of Name and Description of Named Fund

From: Mervin G. Smith International
Scholarship Fund in Agriculture,
Home Economics and Natural Resources

To: Mervin G. Smith International Scholar-
ship Fund in Agriculture

February 3, 1984 meeting, Board of Trustees

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

SUMMARY FOR DECEMBER 1983 (contd)

The Ohio State University Development Fund (contd)

Report from Presidents Club

Members to date	4,657
1983 members: year to date	131
New members - December 1983	17

New Presidents Club Members - December 1983

Charles H. Ave	Ronald E. Hodges
Walter R. Chambers, Jr.	Robert I. Howlett
Conrad W. de Fiebre	Jane Glosser Hubert
Donald D. Doty	Richard F. Noland
Thomas A. Fawcett	James S. Nordholt, Jr.
Richard W. Gast	A. Kenneth Pierce, Jr.
Charles W. Gilchrist, Jr.	Lance W. Schneier
Marilyn Griffin	Georgia Teteris
Madge Cooper Guthery	

February 3, 1984 meeting, Board of Trustees

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

SECOND QUARTER SUMMARY

October 1, 1983 through December 31, 1983

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Sponsor	No. of Awards	Amount of Support
FEDERAL		
National Aeronautics and Space Administration	9	\$ 578,540.00
National Science Foundation	18	760,674.00
Department of Defense	17	2,059,684.00
Department of Energy	4	665,096.00
Department of Education	10	1,655,948.00
Department of Health and Human Services	42	4,356,484.00
Other Federal	18	784,674.00
TOTAL - FEDERAL	118	\$10,861,100.00
STATE OF OHIO	13	356,414.37
INDUSTRIAL	26	1,013,642.04
OTHER NON-FEDERAL	52	3,103,252.32
GRAND TOTAL	209	\$15,334,408.73

February 3, 1984 meeting, Board of Trustees

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

SECOND QUARTER SUMMARY

October 1, 1983 through December 31, 1983

ENGINEERING EXPERIMENT STATION

Sponsor	No. of Awards	Amount of Support
INDUSTRIAL AND OTHER	94	\$ 519,734.00
TOTAL	94	\$ 519,734.00

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

July through November, 1982 and 1983
 THE OHIO STATE UNIVERSITY DEVELOPMENT FUND
 CONTRIBUTIONS BY SOURCE

	Donors		Dollars		%
	July through 1982	November 1983	July through 1982	November 1983	Change
Alumni	12,251	22,376	\$4,103,528	\$2,534,182	(38)
Non-Alumni	8,045	11,236	1,295,955	3,385,822	161
Corporations	552	828	1,495,221	1,834,090	23
Corporate Foundations	129	164	624,032	855,647	37
Private Foundations	46	55	223,255	309,497	39
Other Organizations	265	447	442,866	476,996	8
Total	21,288	35,106	\$8,184,857	\$9,396,234	15

	CONTRIBUTIONS BY TYPE		%
	July--November 1982	July--November 1983	Change
Designated	\$3,870,840	\$6,393,376	65
Discretionary	395,599	562,115	42
Deferred Maturities	2,116,163	1,717,600	(19)
Gifts-In-Kind	1,802,255	723,143	(60)
Total	\$8,184,857	\$9,396,234	15
Gifts (# of)	24,251	40,793	68

February 3, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Report - November 1983

Federal Research Contracts/Grants

\$980,835.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, General Clinical Research Center, College of Medicine - Administration (M. Tzagournis) and Department of Medicine (W. B. Malarkey), 1 December 1983 through 30 November 1984. (Project 761196 - Continuation)

\$399,819.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Joint Services Electronics Program, Department of Electrical Engineering, ElectroScience Laboratory (L. J. Peters and J. D. Young), 1 October 1983 through 30 September 1984. (Project 760914 - Continuation)

\$242,828.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Microstructure Development and Failure Mechanisms of Ceramic Capacitor Dielectrics, Department of Ceramic Engineering (D. W. Readey), 1 October 1983 through 30 September 1984. (Project 763540 - Continuation)

\$200,948.00 - Department of Education, Office of Vocational and Adult Education, Washington, D. C., Feasibility Study to Improve Vocational Education through Strengthened Linkages with Organized Labor, The National Center for Research in Vocational Education (R. E. Taylor), 3 October 1983 through 31 January 1984. (Project 763861 - New)

\$149,944.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Study of Biologically Active Microbial Metabolites, Department of Chemistry (H. G. Floss), 1 December 1983 through 30 November 1984. (Project 763393 - Continuation)

\$141,575.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Synthesis of Biologically Important Carbohydrates, Department of Chemistry (D. Horton), 1 December 1983 through 30 November 1984. (Project 760025 - Continuation)

\$133,360.00 - National Aeronautics and Space Administration, George C. Marshall Space Flight Center, Marshall Space Flight Center, Alabama, Development of a Coaxial Viewing and Vision System for Gas Tungsten Arc Welding, Department of Welding Engineering (R. W. Richardson), 1 December 1983 through 30 November 1984. (Project 763891 - New)

February 3, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$123,285.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Comparative Studies of Perinatal Toxicology, Department of Veterinary Physiology and Pharmacology (R. A. Yeary and D. R. Davis) and Department of Dairy Science (T. W. Beck), 1 December 1983 through 30 November 1984. (Project 762962 - Continuation)

\$120,052.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Non-Nitrogen Containing Dopamine Agonists, College of Pharmacy (D. D. Miller and N. J. Uretsky), 1 December 1983 through 30 November 1984. (Project 762967 - Continuation)

\$113,100.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Biosynthesis of Riboflavin and Related Compounds, Department of Chemistry (H. G. Floss), 1 December 1983 through 30 November 1984. (Project 763879 - New)

\$104,572.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Biomimetic Metal Complexes of Macrocyclic Ligands, Department of Chemistry (D. H. Busch), 1 December 1983 through 30 November 1984. (Project 761501 - Continuation)

\$96,000.00 - Department of the Army, Army Materials Development Readiness Command, Fort Monmouth, New Jersey, Computer Communication Protocols for Advanced Communication Systems, Department of Computer and Information Science (M. T. Liu), 13 October 1983 through 15 March 1985. (Project 763631 - Continuation)

\$90,000.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, Documentation of Ice Shapes for the Helicopter Icing and Flight Test Program, Department of Aeronautical and Astronautical Engineering (J. D. Lee), 28 December 1983 through 28 September 1984. (Project 763362 - Continuation)

\$80,400.00 - Department of Energy, Argonne, Illinois, Influence of Nitrogen on the Sensitization, Corrosion Mechanical and Microstructural Properties of Austenitic Stainless Steels, Department of Metallurgical Engineering (W. A. Clark, D. D. Macdonald and S. Pednekar), 15 November 1983 through 14 November 1984. (Project 762818 - Continuation)

February 3, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$69,600.00 - Department of Education, Office of Educational Research and Improvements, Washington, D. C., P-1, Schooling Effectiveness Project, The National Center for Research in Vocational Education (R. E. Taylor), 1 September 1983 through 30 November 1983. (Project 763385 - Continuation)

\$69,493.00 - Nuclear Regulatory Commission, Washington, D. C., The Development of a Recommendation for Periodic Surveillance of the Response of Neutron Sensors Used in Nuclear Power Reactor Protection Systems, Engineering Experiment Station (D. W. Miller), 1 November 1983 through 30 October 1984. (Project 763291 - Continuation)

\$66,200.00 - National Science Foundation, Washington, D. C., Microcracking in Two Phase Ceramics, Department of Ceramic Engineering (K. T. Faber), 15 November 1983 through 14 November 1984. (Project 763875 - New)

\$64,991.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, Tailored Airfoils for Wind Turbine Applications, Department of Aeronautical and Astronautical Engineering (G. M. Gregorek and J. D. Lee), 30 November 1983 through 30 June 1984. (Project 763285 - Continuation)

\$62,931.00 - National Foundation of Arts and Humanities, National Endowment for the Humanities, Washington, D. C., War and Peace: The Novel as a Total Experience--Summer Seminar for High School Students, Department of Slavic and East European Languages and Literatures (F. R. Silbajoris), 1 October 1983 through 30 September 1984. (Project 763880 - New)

\$46,652.00 - Department of Transportation, National Highway Traffic Safety Administration, East Liberty, Ohio, Computerized Film Analysis for 3D Trajectory Estimation, Department of Electrical Engineering (H. N. Hemami), 1 October 1983 through 30 September 1984. (Project 763840 - New)

\$45,000.00 - Department of the Air Force, Air Force Systems Command, Bolling Air Force Base, D. C., Effects of Assuming Independent Component Failure Times if They Are Actually Dependent in a Series System, Department of Preventive Medicine (M. Moeschberger) and Department of Statistics (J. Klein), 1 October 1983 through 30 September 1984. (Project 763265 - Continuation)

\$42,500.00 - Department of Transportation, National Highway Traffic Safety Administration, East Liberty, Ohio, Load Distribution Measurement, Department of Mechanical Engineering (H. R. Busby), 1 October 1983 through 30 September 1984. (Project 763873 - New)

February 3, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$35,000.00 - National Science Foundation, Washington, D. C., Comparative Root Structure of Plants, Department of Botany (R. D. Warmbrodt), 1 November 1983 through 31 October 1984. (Project 762885 - Continuation)

\$29,500.00 - National Science Foundation, Washington, D. C., Mathematical Sciences: Hierarchical Models in Bayesian Analysis and Statistical Aspects of Merging Data Files, Department of Statistics (P. K. Goel), 15 October 1983 through 31 October 1984. (Project 763877 - New)

\$20,890.00 - National Science Foundation, Washington, D. C., Orthogonal Polynomials and Interpolation, Department of Mathematics (P. Nevai), 1 November 1983 through 31 May 1985. (Project 763583 - Continuation)

\$18,282.00 - Department of Transportation, National Highway Traffic Safety Administration, East Liberty, Ohio, Side Impact Procedure Development, Department of Mechanical Engineering (D. A. Guenther), 1 December 1983 through 31 March 1984. (Project 763399 - Continuation)

\$10,214.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Biomedical Research Support Grant, College of Veterinary Medicine - Administration (R. A. Wright), 1 April 1983 through 31 March 1984. (Project 762776 - Continuation)

\$8,988.00 - Department of the Air Force, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio, Optical Flow and Texture Variables Useful in Determining and Guiding Self Motion, Department of Psychology (D. H. Owen), 1 October 1983 through 15 January 1984. (Project 763524 - Continuation)

\$7,300.00 - Department of Education, Office of Educational Resources and Improvements, Washington, D. C., Operation of an Educational Resources Information Center (ERIC) Clearinghouse on Science, Mathematics and Environmental Education, Department of Educational Theory and Practice (R. W. Howe), 1 November 1983 through 30 September 1984. (Project 763390 - Continuation)

\$7,000.00 - National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland, A Search for Molecular Absorption Features in the Photospheric Spectra of Cool Stars, Department of Astronomy (R. F. Wing), 1 December 1983 through 31 May 1984. (Project 761634 - Continuation)

February 3, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$2,832.00 - National Science Foundation, Washington, D. C., Morphology of the Blood and Bone Marrow of the Penguins of South America and Antarctica: A Light and Electron Microscopic Study, Institute of Polar Studies (D. H. Elliot), 1 October 1983 through 31 December 1983. (Project 763820 - New)

\$880.00 - Department of Health and Human Services, Public Health Service, Center for Disease Control, Atlanta, Georgia, Isometric vs. Isokinetic Back Lifting Performance, Department of Industrial and Systems Engineering (W. S. Marras), 1 July 1983 through 30 June 1984. (Project 763720 - Continuation)

TOTAL - FEDERAL AWARDS \$3,584,971.00

State of Ohio Research Contracts/Grants

\$50,000.00 - State of Ohio, Department of Mental Retardation and Developmental Disabilities, Columbus, Ohio, Deinstitutionalization Task Force Implementation, Nisonger Center for Mental Retardation (M. J. Guralnick), 1 December 1983 through 30 September 1984. (Project 763871 - Continuation)

\$41,396.00 - State of Ohio, Rehabilitation Services Commission, Columbus, Ohio, Acquisition of Equipment to Evaluate the Driving Potential of the Severely Handicapped, University Hospitals (G. J. Pogan), 26 September 1983 through 30 September 1984. (Project 763898 - New)

\$1,000.00 - State of Ohio, Ohio Arts Council, Columbus, Ohio, The OSU Center for the Visual Arts: An Exhibition of the Architectural Competition, College of The Arts - Administration (J. W. Green), 1 July 1983 through 30 June 1984. (Project 763896 - New)

\$150.00 - State of Ohio, Ohio Arts Council, Columbus, Ohio, Marketing the Arts, College of The Arts - Administration (A. J. Broekema), 13 December 1983 through 15 December 1983. (Project 763893 - New)

TOTAL - STATE OF OHIO AWARDS \$ 92,546.00

Industrial Research Contracts/Grants

\$87,250.00 - Tominy Incorporated, Cincinnati, Ohio, Software Development Program, Academic Faculty of Accounting (J. S. Cunyningham), 1 November 1983 through 31 December 1983. (Project 763552 - Continuation)

February 3, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial Research Contracts/Grants (contd)

\$70,000.00 - CeramPhysics, Inc., Westerville, Ohio, Study of High Magnetic Fields in Ceramic Composites, Department of Physics (B. R. Patton), 1 September 1983 through 31 August 1985. (Project 763895 - New)

\$67,685.00 - Rockwell International, Los Angeles, California, Design of an Airfoil-Type Position Tower, Department of Electrical Engineering, ElectroScience Laboratory (L. J. Peters), 16 February 1983 through 31 December 1983. (Project 763876 - New)

\$54,985.00 - Teledyne, Inc., Albany, Oregon, Nodular Corrosion of Zircalloys in High Temperature Steam, Department of Metallurgical Engineering (D. D. Macdonald and G. A. Cragnolino), 1 October 1983 through 30 September 1984. (Project 763881 - Continuation)

\$30,000.00 - Brunswick Corporation, Marion, Virginia, Metallic Radome Design and Test, Department of Electrical Engineering, ElectroScience Laboratory (B. A. Munk), 14 October 1983 through 31 March 1984. (Project 763594 - Continuation)

\$20,922.00 - Price Waterhouse and Company, Washington, D. C., ARAMCO Training Program, The National Center for Research in Vocational Education (R. E. Taylor), 1 December 1983 through 9 December 1983. (Project 763094 - Continuation)

\$20,000.00 - Union Carbide Corporation, Oak Ridge, Tennessee, Hypereutectic Heat Storage Shot, Department of Metallurgical Engineering (C. E. Mobley, Jr. and R. A. Rapp), 1 October 1983 through 31 January 1984. (Project 763884 - New)

\$8,237.00 - Bristol Laboratories, Syracuse, New York, Cefadroxil and Cephalixin Comparative Pharmacokinetic Study in the Horse, College of Veterinary Medicine - Administration (R. A. Sams), 1 November 1983 through 29 February 1984. (Project 763900 - New)

TOTAL - INDUSTRIAL AWARDS

\$ 359,079.00

Other Non-Federal Research Contracts/Grants

\$1,437,000.00 - National Association of Regulatory Utility Commissioners, Washington, D. C., NARUC State Member Support of the NRRRI through Regularized State-Provided Contributions, National Regulatory Research Institute (D. N. Jones), 1 September 1983 through 31 August 1984. (Project 763289 - Continuation)

\$115,932.00 - University of Cincinnati, Cincinnati, Ohio, Area Health Education Center Program, College of Medicine - Administration (G. L. Trzebiatowski and M. Tzagournis), 1 October 1983 through 30 September 1984. (Project 763826 - Continuation)

February 3, 1984 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)

\$60,336.00 - United Tribes Educational Technical Center, Bismarck, North Dakota, Strategies for Linking Vocational Education Programs to Tribal Economic Plans, The National Center for Research in Vocational Education (R. E. Taylor), 1 October 1983 through 30 September 1984. (Project 763872 - New)

\$52,546.00 - University of Connecticut, Storrs, Connecticut, An Investigation on Suspended Material Transport in Central Long Island Sound, Department of Civil Engineering (K. W. Bedford), 1 August 1983 through 31 July 1984. (Project 763780 - New)

\$50,386.00 - Grant (W. T.) Foundation, New York, New York, Toward a Holistic Understanding of Adolescents' Social Relations, Department of Psychology (D. A. Blyth), 1 October 1983 through 31 March 1985. (Project 763897 - New)

\$36,220.00 - University Corporation for Atmospheric Research, Boulder, Colorado, Cooperative Radar Polarimetric Studies Utilizing the NCAR (National Center for Atmospheric Research) CP-2 Radar System, Department of Electrical Engineering (T. A. Seliga), 1 November 1983 through 31 October 1984. (Project 763878 - New)

\$31,000.00 - Electric Power Research Institute, Palo Alto, California, Simultaneous Chromizing-Aluminizing of Steels, Department of Metallurgical Engineering (R. A. Rapp), 1 January 1984 through 31 August 1984. (Project 763292 - Continuation)

\$30,000.00 - University Affiliated Cincinnati Center for Developmental Disorders, Cincinnati, Ohio, Prevention Continuing Education in Rural Areas, Nisonger Center for Mental Retardation (M. J. Guralnick), 1 October 1983 through 30 September 1984. (Project 763892 - New)

\$25,214.00 - Upper Arlington City Schools, Upper Arlington, Ohio, Upper Arlington-Ohio State Middle School Project, Department of Human Services Education (J. J. Quaranta) and School of Health, Physical Education, and Recreation (A. C. Taggart), 1 September 1983 through 1 June 1984. (Project 763894 - New)

\$22,000.00 - Eleven Members of the National Alliance of Postsecondary Education Institutions/Districts, National Alliance of Postsecondary Education Institutions/Districts, The National Center for Research in Vocational Education (R. E. Taylor), 1 July 1983 through 30 June 1984. (Project 763548 - Continuation)

\$20,250.00 - Upper Arlington City Schools, Upper Arlington, Ohio, Upper Arlington Career Education Intern Project, Department of Human Services Education (J. J. Quaranta), 1 September 1983 through 1 June 1984. (Project 763883 - Continuation)

February 3, 1984 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)

\$19,602.00 - University of New Mexico, Albuquerque, New Mexico, Consortium for the Development of Professional Materials for Vocational Education, The National Center for Research in Vocational Education (R. E. Taylor), 1 October 1983 through 30 September 1984. (Project 763882 - New)

\$16,068.00 - Exxon Education Foundation, New York, New York, Monograph on Book on Reflective Teaching, Department of Educational Theory and Practice (D. J. Cruickshank), 1 October 1983 through 30 September 1984. (Project 763869 - New)

\$12,000.00 - Research Corporation, Tucson, Arizona, Selectivity in the Hydrolysis of Ribomonocleosides via Artificial Enzymes, Department of Chemistry (A. W. Czarnik), 1 December 1983 through 30 November 1984. (Project 763889 - New)

\$10,000.00 - Research Corporation, Tucson, Arizona, Study of Structure and Catalytic Function of Transition Metal Complexes in Zeolites Using Electronic and Raman Spectroscopy, Department of Chemistry (P. K. Dutta), 1 September 1983 through 31 May 1984. (Project 763890 - New)

\$10,000.00 - University Affiliated Cincinnati Center for Developmental Disorders, Cincinnati, Ohio, Prevention Continuing Education in Rural Areas, College of Medicine - Administration (G. L. Trzebiatowski), 1 October 1983 through 30 September 1984. (Project 763887 - New)

\$5,000.00 - Columbus Foundation, Columbus, Ohio, Alfred L. Willson Conference Planning Grant, Department of Educational Policy and Leadership (L. L. Cunningham), 1 November 1983 through 31 October 1984. (Project 763899 - Continuation)

\$5,000.00 - Robert L. Letcher, M.D., New York, New York, Studies of Enzymatic Effects on Blood Protein Concentrations, College of Pharmacy (J. W. Williams), 18 November 1983 through 31 May 1984. (Project 763565 - Continuation)

\$4,000.00 - Battelle Memorial Institute, Columbus, Ohio, LISP Procedures and Protocols, Department of Computer and Information Science (B. Chandrasekaran), 26 September 1983 through 30 December 1983. (Project 763885 - New)

TOTAL - OTHER NON-FEDERAL AWARDS

\$1,962,554.00

February 3, 1984 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)
ENGINEERING EXPERIMENT STATION

Industrial and Other Sponsored Research and Development

\$47,091.00 - Battelle Columbus Laboratories, Columbus, Ohio, "Turbulence Suppression in a Hydrocyclone Classifier", Department of Chemical Engineering, 1 October 1983 through 30 September 1985. (529642)

\$14,968.00 - Monsanto Research Corporation, Miamisburg, Ohio, "Study Laser Weldability Test Development", Department of Welding Engineering, 1 October 1983 through 31 December 1984. (529643)

\$33,091.00 - from various industry for 31 development projects under the direction of four engineering departments.

TOTAL - INDUSTRIAL AND OTHER SPONSORED RESEARCH \$ 95,150.00

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Establishment of Named Funds

Roberta B. Nicholson Loan/Scholarship Fund

The Roberta B. Nicholson Loan/Scholarship Fund was established February 3, 1984, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from the estate of Roberta B. Nicholson, Jenkintown, 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 from this fund shall be used to provide scholarships or loans to worthy and intelligent students who are mechanically inclined and desire to study Mechanical Engineering at The Ohio State University. Each of the selected students must have demonstrated a need for financial assistance. The selection of recipients and the determination of the type of assistance granted shall be made by the Chairman of Mechanical Engineering in cooperation with the Director of Student Financial Aids.

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 purposes 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 Engineering education.

Donna M. Noland Scholarship Fund

The Donna M. Noland Scholarship Fund was established February 3, 1984, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund in honor and memory of Donna M. Noland.

February 3, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Donna M. Noland 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 is to be used to provide scholarship assistance for undergraduate students who are pursuing a career in music or the health sciences, including nursing. The selection of the recipient(s) will be made upon the recommendation of the University Scholarship Committee. Preference is to be given to students who are graduates of Big Walnut High School or from rural Delaware County, Ohio. All recipients will have demonstrated academic ability and/or need for financial assistance.

Should the need for such scholarship assistance 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 officials of the University who are then directly responsible for music and/or health education.

Raymond J. Burns Scholarship Fund in Law

The Raymond J. Burns Scholarship Fund in Law was established February 3, 1984, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from William J. Burns, Chicago, Illinois, in memory of his father, Raymond J. Burns.

All gifts are to be invested in the University's Permanent Endowment Fund under the rules and regulations adopted by the Board of Trustees of The Ohio State University with the right to invest and reinvest as occasion dictates.

The annual income from this Fund will be used for financial aid to law students of merit who have demonstrated financial need. To be considered for an award from this Fund, a law student must be a student of the OSU Law Journal staff, a member of the Moot Court Team, or in the top twenty percent (20%) of the law class.

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 purposes 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 legal education.

February 3, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Judith Brown Washburn Memorial Scholarship Fund

The Judith Brown Washburn Memorial Scholarship Fund was established February 3, 1984, 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 Judith Brown Washburn, BS BA '63, devoted member of the University administrative staff from 1963 to 1983.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide one or more scholarships to deserving undergraduate students at The Ohio State University who have demonstrated academic ability and/or need for financial assistance. The selection of the recipient(s) is to be made upon the recommendation of the University Scholarship Committee.

Should the need for these scholarships 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.

Physics Education Advancement Fund

The Physics Education Advancement Fund was established February 3, 1984, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Dr. E. Leonard Jossem, Professor of Physics, and the donors to the Physics Education Advancement Trust.

All gifts are to be invested in the University's Permanent Endowment Fund under the rules 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 Fund shall be to recognize contributions to and/or otherwise encourage and assist in the advancement of Physics Education. Recognition Awards made under this Fund may take the form of either an appropriate Certificate of Award, or a monetary award, or both. The recipients of awards, and the specific nature of each award, shall be determined by the incumbent Chair of the Department of Physics of The Ohio State University. The Chair shall consult in such matters with the members of an Advisory Committee appointed by him/her. No person may nominate himself/herself for any award, nor shall any person who is a member of the Fund Advisory Committee be eligible for an award during the time he/she serves as a member of that committee. Other appropriate means of furthering the purpose of the Fund may also be used. These may include, but are not limited to, the support of public lectures on subjects related to the advancement of Physics Education. Approval of expenditures from the Fund, including interest and/or principal,

February 3, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Physics Education Advancement Fund (contd)

shall be made by the incumbent Chair of the Department of Physics of The Ohio State University at his/her discretion for any purposes consistent with the purpose of the Fund.

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 purposes 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 Physics Education.

Bergen Brunswig Scholarship Fund

The Bergen Brunswig Scholarship Fund was established February 3, 1984, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from a gift from the Bergen Brunswig Corporation to help provide funds for an undergraduate student 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 the occasion dictates.

The annual income shall be used to provide a scholarship for students in the College of Pharmacy. The student(s) selected should exhibit active participation in student activities, dedication to his or her professional goal, and must demonstrate high academic performance. The selection of the student(s) shall be made by the Dean of the College of Pharmacy in conjunction with the Director of Student Financial Aids. On an annual basis, the Dean of the College of Pharmacy will provide the Bergen Brunswig Corporation with the name of the student(s) who has received the award.

Should the need for this fund cease to exist or so diminish as to provide unused income, 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 responsible for the study of Pharmacy.

Charles A. Turner Scholarship Fund

The Charles A. Turner Scholarship Fund was established February 3, 1984, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund by friends and colleagues of Mr. Charles A. Turner of Columbus, Ohio.

February 3, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Charles A. Turner 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 is to be used to provide scholarships for students enrolled in the Graduate Program in Hospital and Health Services Administration in the College of Medicine. The recipients of these scholarships will be selected by the Director of the Graduate Program in Hospital and Health Services Administration and once selected will meet with Mr. Turner for as long as Mr. Turner is living.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income must be used in support of scholarships for students enrolled in Medicine or Nursing.

February 3, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Report - December 1983

Federal Research Contracts/Grants

\$1,040,750.00 - Department of Education, Office of Educational Research and Improvements, Washington, D. C., Research Program of Employability, The National Center for Research in Vocational Education (R. E. Taylor), 1 December 1983 through 30 November 1984. (Project 763927 - Continuation)

\$504,332.00 - Department of the Army, Defense Supply Service, Washington, D. C., An Experimental Study of an Ultra-Mobile Vehicle for Off-Road Transportation, Department of Electrical Engineering (R. B. McGhee), Department of Mechanical Engineering (K. J. Waldron) and Department of Computer and Information Science (B. W. Weide), 1 October 1983 through 30 September 1984. (Project 762945 - Continuation)

\$270,221.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Otitis Media with Effusion, Department of Otolaryngology (D. J. Lim), 1 December 1983 through 30 November 1984. (Project 760043 - Continuation)

\$250,000.00 - Department of the Air Force, Air Force Systems Command, Griffiss Air Force Base, New York, Advanced SATCOM ECCM Techniques, Department of Electrical Engineering, Electro-Science Laboratory (A. A. Ksienski), 1 October 1983 through 3 August 1984. (Project 762948 - Continuation)

\$153,072.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Tooth Eruption/Movement/Resorption/Biological Aspects, College of Dentistry - Orthodontics (Z. Davidovitch), College of Dentistry - Oral Biology (J. Shanfeld), Department of Microbiology (B. S. Zwilling) and Department of Preventive Medicine (R. R. Lanese), 1 December 1983 through 30 November 1984. (Project 763913 - New)

\$115,178.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Interaction of DNA Topoisomerase I with Chromatin, Department of Microbiology (M. T. Muller), 1 January 1984 through 31 December 1984. (Project 763392 - Continuation)

\$114,284.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Genetic Resistance of Autoimmune Encephalomyelitis, Department of Medicine (F. J. Waxman), 1 December 1983 through 30 November 1984. (Project 763902 - New)

February 3, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$111,685.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Lipids Controlling *S. Auerus* Survival *in Vivo*, Department of Medical Microbiology and Immunology (F. A. Kapral), 1 December 1983 through 30 November 1984. (Project 763912 - New)

\$102,400.00 - National Science Foundation, Washington, D. C., Micromechanisms of Polycrystalline Strain Propagation, Department of Metallurgical Engineering (R. H. Wagoner and W. A. T. Clark), 1 January 1984 through 31 December 1984. (Project 763921 - New)

\$100,000.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, Tailored Airfoils for Wind Tunnel Applications, Department of Aeronautical and Astronautical Engineering (G. M. Gregorek and J. D. Lee), 30 November 1983 through 29 November 1984. (Project 763285 - Continuation)

\$99,140.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Regulation of Gene Expression in *Neurospora*, Department of Biochemistry (G. A. Marzluf), 1 January 1984 through 31 December 1984. (Project 760578 - Continuation)

\$91,899.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Aging Bladder: Autonomic Sensitivity Changes/Mechanisms, College of Pharmacy (M. C. Gerald and L. J. Wallace), 1 January 1984 through 31 December 1984. (Project 763937 - New)

\$82,000.00 - Department of Energy, Argonne, Illinois, Kinetics of Fast Reactions of Excited Species, Department of Chemistry (R. F. Firestone), 1 December 1983 through 31 January 1985. (Project 760022 - Continuation)

\$79,666.00 - National Science Foundation, Washington, D. C., Effect of Vegetation Roots on Slope Stability, Department of Civil Engineering (T. H. Wu), 15 January 1984 through 14 January 1985. (Project 762987 - Continuation)

\$73,708.00 - Department of the Air Force, Air Force Systems Command, Bolling Air Force Base, D. C., Benzamide Derivatives as Protective Agents against Action of Xenotoxic Agents on Human Cells, Cancer Research Center and Department of Physiological Chemistry (G. E. Milo), 1 January 1984 through 31 December 1984. (Project 763409 - Continuation)

February 3, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$72,300.00 - National Science Foundation, Washington, D. C., Kinetics and Spectroscopy of Carbenes and Biradicals, Department of Chemistry (M. S. Platz), 1 December 1983 through 30 November 1984. (Project 763341 - Continuation)

\$65,000.00 - National Science Foundation, Washington, D. C., Hydrothermomechanical Response of Geological Media, Department of Engineering Mechanics (S. H. Advani and J. K. Lee), 1 December 1983 through 30 November 1984. (Project 763915 - New)

\$60,000.00 - National Science Foundation, Washington, D. C., Measurement of the Exchange-Scattering Rate of Conduction Electrons in Superconducting Spin Glasses, Department of Physics (T. R. Lemberger), 15 December 1983 through 31 January 1985. (Project 763737 - Continuation)

\$58,800.00 - National Science Foundation, Washington, D. C., Wave Propagation and Transport in Heterogeneous Media, Department of Physics (D. G. Stroud), 1 November 1983 through 31 October 1984. (Project 762926 - New)

\$55,372.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Multiple Hydrogen Bonding - As by Nucleic Acid Bases, Department of Chemistry (J. Hine), 1 December 1983 through 30 November 1984. (Project 763904 - New)

\$53,571.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, Diffusion Welding for Cassegrainian Concentrator Solar Collectors, Department of Welding Engineering (C. E. Albright), 10 December 1983 through 9 December 1984. (Project 763646 - Continuation)

\$50,000.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Oxidation Resistance and Magnetic and Mechanical Properties of Fe, Si, Al Alloys, Department of Metallurgical Engineering (G. W. Powell), 9 November 1983 through 30 September 1984. (Project 762438 - Continuation)

\$49,893.00 - Department of the Army, Army Corps of Engineering, Fort Sheridan, Illinois, Armed Services Vocational Aptitude Battery (ASVAB) Advisory Panel, The National Center for Research in Vocational Education (R. E. Taylor), 29 September 1983 through 28 September 1984. (Project 763319 - Continuation)

February 3, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$46,300.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Deoxycoformycin in Lymphoid Malignancies, Cancer Research Center and Department of Medicine (M. R. Grever), 1 December 1983 through 30 November 1984. (Project 763911 - New)

\$40,000.00 - National Science Foundation, Washington, D. C., Separation and Detached Eddies in Rotating, Stratified Flows, Department of Aeronautical and Astronautical Engineering (M. R. Foster), 1 December 1983 through 30 November 1984. (Project 763382 - Continuation)

\$40,000.00 - National Science Foundation, Washington, D. C., Studies of Petrified Paleozoic Fungi, Department of Botany (T. N. Taylor and S. S. Stubblefield), 1 January 1984 through 31 December 1984. (Project 763394 - Continuation)

\$39,200.00 - Department of Education, Office of Postsecondary Education, Washington, D. C., Improving Export Performance of Ohio Companies Support for Training in Postsecondary Education, Academic Faculty of Management Sciences (L. C. Nehrt), 30 September 1983 through 29 September 1984. (Project 763907 - New)

\$38,017.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Enzyme Aging and Gene Expression in Anucleate Cells, Department of Microbiology (J. N. Reeve), 1 December 1983 through 30 November 1984. (Project 762514 - Continuation)

\$38,000.00 - National Science Foundation, Washington, D. C., Development and Applications of Fully Symmetry-Adapted Electronic Structure Programs, Department of Chemistry (R. M. Pitzer), 1 January 1984 through 31 December 1984. (Project 763922 - New)

\$32,699.00 - Department of Housing and Urban Development, Washington, D. C., Conference on the Future Structure of Mortgage Markets, Academic Faculty of Finance (R. L. Racster) and Department of Economics (E. J. Kane), 1 October 1983 through 30 June 1984. (Project 763508 - Continuation)

\$30,000.00 - Department of the Air Force, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio, Human Joint Articulation and Motion Resistive Properties, Department of Engineering Mechanics (A. E. Engin), 16 December 1983 through 31 March 1984. (Project 763802 - Continuation)

February 3, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$30,000.00 - Department of the Air Force, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio, Transition-Region Heat Transfer and Rough Surface Effects on Turbo-Machine Flow Problems, Department of Mechanical Engineering (L. S. Han), 1 October 1983 through 31 December 1983. (Project 763057 - Continuation)

\$28,000.00 - Department of Commerce, National Oceanic and Atmospheric Administration, Rockville, Maryland, The Ohio Sea Grant Program 1983-1984, Center for Lake Erie Area Research (C. E. Herdendorf and J. M. Reutter), 1 January 1984 through 31 December 1984. (Project 762833 - New)

\$24,370.00 - Department of the Navy, Office of Naval Research, Washington, D. C., The Vertical and Temporal Structure of Suspended Particle Distribution at the HEBBLE Site, Department of Civil Engineering (K. W. Bedford), 1 October 1983 through 30 September 1984. (Project 763271 - Continuation)

\$23,560.00 - Department of Transportation, National Highway Traffic Safety Administration, East Liberty, Ohio, Improvement of the Mechanical Performance of the Thorax of the Hybrid III Dummy, Department of Mechanical Engineering (D. A. Guenther), 1 July 1983 through 31 March 1984. (Project 763710 - Continuation)

\$18,793.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, ESR (Electron Spin Resonance) as an Imaging Device (L. J. Berliner), 1 January 1984 through 31 December 1984. (Project 763926 - New)

\$10,846.00 - Department of Transportation, National Highway Traffic Safety Administration, East Liberty, Ohio, Load Distribution Measurement, Department of Mechanical Engineering (H. R. Busby), 1 October 1983 through 30 September 1984. (Project 763873 - Continuation)

\$10,004.00 - Congressional Budget Office, Washington, D. C., A Program to Reinterview Respondents to the Second Wave of the Employer Survey to Clarify Information About the Targeted Jobs Tax Credit Program, The National Center for Research in Vocational Education (R. E. Taylor), 13 December 1983 through 10 February 1984. (Project 763929 - New)

\$6,709.00 - Department of Education, Office of Postsecondary Education, Washington, D. C., Supplemental Funds to Initiate, Improve, or Expand a Program of Cooperative Education, Agricultural Technical Institute - Administrative Support (D. D. Garrison), 1 October 1983 through 30 September 1984. (Project 763938 - New)

February 3, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$5,250.00 - National Science Foundation, Washington, D. C., Acquisition of Cases for The Ohio State University Herbarium, Department of Botany (T. J. Stuessy, D. J. Crawford and R. L. Stuckey), 1 December 1983 through 30 November 1984. (Project 763916 - New)

\$4,631.00 - Department of Education, Office of Postsecondary Education, Washington, D. C., Supplemental Funds to Initiate, Improve, or Expand a Program of Cooperative Education, Office of Academic Affairs - Arts and Sciences Administration (T. A. Willke), 1 October 1983 through 30 September 1984. (Project 763909 - New)

\$4,539.00 - National Science Foundation, Washington, D. C., Dissertation Research: Revision of the Angiosperm Genus Simsia (Compositae: Heliantheae), Department of Botany (T. F. Stuessy), 15 January 1984 through 31 December 1984. (Project 763923 - New)

\$3,609.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Studies on the Dextran Sucrase of Streptococcus Sanguis, Department of Chemistry (R. M. Mayer), 1 July 1983 through 30 June 1984. (Project 760160 - Continuation)

\$3,095.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Molecular Control in Cytochrome C Oxidase, Department of Physiological Chemistry (J. O. Alben), 1 January 1983 through 31 December 1983. (Project 762976 - Continuation)

\$2,774.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, In Vivo Release of Transformed Cell-Specific Proteins, Department of Physiological Chemistry and Cancer Research Center (T. E. Webb) and Department of Physiological Chemistry (D. E. Schumm), 1 June 1983 through 31 May 1984. (Project 763071 - Continuation)

\$2,326.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Subunit Studies of a Heart Respiratory Complex, Department of Physiological Chemistry (J. S. Rieske), 1 December 1982 through 30 November 1983. (Project 762285 - Continuation)

\$1,600.00 - Department of the Interior, Geological Survey, Menlo Park, California, Preparation of Five Free-Air Gravity Anomaly Maps for the Circum-Pacific Map Project, Department of Geodetic Science and Surveying (R. H. Rapp), 14 October 1983 through 29 February 1984. (Project 763928 - New)

TOTAL - FEDERAL AWARDS

\$4,137,593.00

February 3, 1984 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

\$39,484.00 - State of Ohio, Department of Development, Columbus, Ohio, Center for International Trade Division, Academic Faculty of Management Sciences (L. C. Nehrt), 6 September 1983 through 31 December 1983. (Project 763906 - New)

\$35,313.37 - State of Ohio, Department of Education, Columbus, Ohio, Occupational Employment Statistics Survey Program in Ohio for Manufacturing and Hospitals, Academic Faculty of Management and Human Resources (H. R. Blaine), 1 July 1983 through 30 June 1984. (Project 763695 - Continuation)

\$7,740.00 - State of Ohio, Department of Mental Health, Columbus, Ohio, Graduate Student Internship, Department of Human Services Education (T. M. Stephens), 1 January 1984 through 30 September 1984. (Project 763935 - New)

TOTAL - STATE OF OHIO AWARDS

\$ 82,537.37

Industrial Research Contracts/Grants

\$100,000.00 - Pfizer, Inc., Groton, Connecticut, Support for Facilities for Performing Clinical Pharmacology Studies, Department of Pharmacology (N. Gerber), 1 September 1983 through 1 September 1984. (Project 760484 - Continuation)

\$63,025.00 - Eli Lilly and Company, Indianapolis, Indiana, Effects of Various Antibiotics on the Production of Exoproducts of Pseudomonas aeruginosa, Department of Microbiology (N. R. Baker), 1 September 1983 through 31 August 1984. (Project 763924 - New)

\$26,389.00 - Astra Lakemedel AB, Sodertalje, Sweden, Dosage Form Design, College of Pharmacy (S. G. Frank), 1 December 1983 through 31 December 1984. (Project 762165 - Continuation)

\$12,180.00 - Boehringer Ingelheim, Ltd., Ridgefield, Connecticut, Analysis of Dipyridamole in Plasma, Department of Veterinary Clinical Sciences (R. Sams), 1 October 1983 through 30 September 1984. (Project 762928 - Continuation)

\$3,400.00 - International Training and Education Company, Framingham, Massachusetts, Inresident/Fellowship/Training and Assistance for Academic Program for Mr. Jaber Al-Essa, Jubail Human Resources Development Institute, The National Center for Research and Vocational Education (R. E. Taylor), 1 June 1983 through 29 February 1984. (Project 763633 - Continuation)

February 3, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial Research Contracts/Grants (contd)

\$3,225.64 - Smith Kline & French Laboratories, Philadelphia, Pennsylvania, Expansion Clinical Use of "Ridaura" (Auranofin), Department of Medicine (R. L. Whisler), 1 May 1983 through 30 June 1984. (Project 763125 - Continuation)

\$1,290.00 - CSG Corporation, Washington, D. C., Technical Assistance Project for the Microcomputer Choices Program, The National Center for Research in Vocational Education (R. E. Taylor), 22 July 1983 through 31 December 1984. (Project 763026 - Continuation)

TOTAL - INDUSTRIAL AWARDS

\$ 209,509.64

Other Non-Federal Research Contracts/Grants

\$417,151.00 - University of Cincinnati, Cincinnati, Ohio, Area Health Education Center, College of Medicine - Administration (G. L. Trzebiatowski and M. Tzagournis), 1 October 1983 through 30 September 1984. (Project 763826 - Continuation)

\$43,579.00 - Kellogg (W. K.) Foundation, Battle Creek, Michigan, Development of a Non-Traditional Medical Record Administration Program, School of Allied Medical Professions (M. S. Pariser), 1 September 1983 through 31 August 1984. (Project 762768 - Continuation)

\$40,545.25 - Michigan State University, Lansing, Michigan, Eastern Caribbean Technical Support to Mission: Agricultural Sector Assessment St. Kitts/Nevis, International Programs in Agriculture (H. D. Bauman), 1 July 1983 through 31 December 1983. (Project 763901 - New)

\$29,105.00 - Battelle Memorial Institute, Columbus, Ohio, Interdisciplinary Study of Basic Wear Mechanisms in Metals, Department of Metallurgical Engineering (D. A. Rigney), 23 November 1983 through 14 June 1984. (Project 763066 - Continuation)

\$26,443.00 - Iowa State University, Ames, Iowa, Ultrasonic Non-destructive Evaluation of Aluminum Cast Materials, Department of Welding Engineering and Department of Engineering Mechanics (L. Adler), 1 October 1983 through 30 September 1984. (Project 763930 - New)

\$23,200.00 - Ohio Cancer Research Associates, Columbus, Ohio, Determination of the Primary Structure of Mammalian Thymidylate Synthetase, Department of Biochemistry (L. F. Johnson), 1 December 1983 through 30 November 1984. (Project 763905 - New)

February 3, 1984 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)

\$21,880.00 - Muscular Dystrophy Association, New York, New York, Fluorescence Studies of Calcium Transients in Muscle, Department of Physiological Chemistry (J. D. Johnson), 1 January 1984 through 31 December 1984. (Project 763866 - Continuation)

\$20,300.00 - Ohio Cancer Research Associates, Columbus, Ohio, Function of the Herpes Simplex Virus Deoxyribonuclease, Department of Medical Microbiology and Immunology (D. S. Parris), 1 December 1983 through 30 November 1984. (Project 763919 - New)

\$18,850.00 - Ohio Cancer Research Associates, Columbus, Ohio, Examination of Steroid-Protein Interactions Using ¹⁹F-NMR Spectroscopy, College of Pharmacy (R. W. Brueggemeier), 1 December 1983 through 30 November 1984. (Project 763917 - New)

\$18,850.00 - Ohio Cancer Research Associates, Columbus, Ohio, Production of Monoclonal Antibody to Epstein-Barr Virus Induced DNA Polymerase, Department of Medical Microbiology and Immunology (J. E. Shaw), 1 December 1983 through 30 November 1984. (Project 763918 - New)

\$18,096.00 - Columbus Department of Finance, Columbus, Ohio, Quality of Working Life Demonstration Effort, Department of Communication (D. M. Ronchi), 1 July 1983 through 30 June 1984. (Project 760790 - Continuation)

\$11,563.00 - American Veterinary Medical Association Foundation, Schaumburg, Illinois, Effects of Pet Interaction on Selected Health Parameters of an Aged Nursing Home Population, Department of Veterinary Preventive Medicine (C. A. Neer), 1 January 1984 through 31 December 1984. (Project 763936 - New)

\$10,000.00 - Deafness Research Foundation, New York, New York, Elemental Analysis of Cochlear Cells, Department of Otolaryngology (D. J. Lim), 1 January 1983 through 31 December 1984. (Project 763932 - New)

\$10,000.00 - Deafness Research Foundation, New York, New York, The Role of Endotoxin in Adhesive Otitis Media, Department of Otolaryngology (T. F. DeMaria), 1 January 1984 through 31 December 1984. (Project 763933 - New)

\$10,000.00 - Holstein-Friesian Association, Battleboro, Vermont, Dairymen - Define Breeding Programs, Department of Dairy Science (F. R. Allaire), 1 January 1984 through 31 December 1984. (Project 763398 - Continuation)

February 3, 1984 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 - The Larry Niemerow Foundation, Arlington, Virginia, Predicting Physician Compliance with Drug Therapy Recommendations in Skilled Nursing Facilities, College of Pharmacy (R. Segal and D. S. Pathak), 1 December 1983 through 30 November 1984. (Project 763910 - New)

\$1,000.00 - Electric Power Research Institute, Palo Alto, California, Study of Acid Corrosion in the Clean Gas Saturator of a Coal Gasification Combined Cycle Power Plant, Department of Metallurgical Engineering (D. D. Macdonald), 1 December 1983 through 31 December 1983. (Project 763175 - Continuation)

TOTAL - OTHER NON-FEDERAL AWARDS \$ 722,562.25

ENGINEERING EXPERIMENT STATION

Industrial and Other Sponsored Research and Development

\$174,116.00 - from various industry for 33 development projects under the direction of eight engineering departments and research areas.

\$104,997.00 - EPRI, Palo Alto, California, "Characterization of Ceramic Materials for Electric Power Plant Operations", Department of Ceramic Engineering, 1 November 1983 through 31 October 1985. (312792)

\$29,890.00 - Carlyle Compressor Company, "Finite Element Techniques for Modal Analysis of Compressor Shells", Department of Mechanical Engineering, 1 January 1984 through 2 January 1985. (529644)

TOTAL - INDUSTRIAL AND OTHER SPONSORED RESEARCH \$ 309,003.00

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Establishment of Named Funds

The Coy Heart Research Fund
in the College of Medicine

The Coy Heart Research Fund in the College of Medicine was established February 3, 1984, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from the estate of Cora Elizabeth Coy in memory of her mother, Alice Medbery Coy and brother, William Stacy Coy, Jr.

February 3, 1984 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 Coy Heart Research Fund
in the College of Medicine (contd)

All gifts are to be invested in the University's Permanent Endowment, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to support heart research in the College of Medicine, Division of Cardiology, as determined by the Director of the Division and the Dean of the College of Medicine.

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 then directly responsible for Cardiology and the College of Medicine.

The Carl F. Ruff Memorial Fund

The Carl F. Ruff Memorial Fund was established February 3, 1984, by the Board of Trustees of The Ohio State University. This fund was established in memory of Carl F. Ruff, BS '53, MS '63, Agricultural Education, of Oak Harbor, Ohio, by his 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 to reinvest as the occasion dictates.

The annual income up to the first \$600 per year will be used to support scholarships for junior or senior undergraduate students in the College of Agriculture who have demonstrated outstanding leadership potential and above average scholastic achievement. The recipients will be selected by the University Office of Financial Aids based on the recommendations of the State 4-H Awards Selection Committee in consultation with at least one member of the late Carl F. Ruff's immediate family. Preference should be given to those students with a strong 4-H background.

Any income in excess of the first \$600 will support the International Four-H Youth Exchange Program (IFYE) as determined by the 4-H staff in conjunction with a member of the immediate family of the late Carl Ruff. Should the earnings of the endowment exceed \$1,000 per year, 60 percent of the earnings shall be directed to the College of Agriculture for scholarships and 40 percent should be directed to the IFYE Program.

February 3, 1984 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 Carl F. Ruff Memorial Fund (contd)

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income from the fund may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the Dean of the College of Agriculture at The Ohio State University.

Jane Mears Lewis Memorial Scholarship Fund

The Jane Mears Lewis Memorial Scholarship Fund was established February 3, 1984, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Warren S. and Mary June Mears, Newark, Ohio, in memory of their daughter, Jane Mears Lewis.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income from this Fund is to be used to award a scholarship to a student(s) who graduated from Licking Valley High School and who has demonstrated need, ambition and good citizenship. This student should be entering the Columbus Campus of The Ohio State University, any of the branch campuses or the Agricultural Technical Institute in Wooster. First preference is to be given to those students enrolling in the College of Home Economics or the College of Agriculture. Should such a student in any given year not meet these qualifications, then the scholarship may be awarded to a second-year or sophomore college student from Licking Valley enrolled at the main campus, one of the branch campuses or the Agricultural Technical Institute. Selection of the award recipients is to be made by the University Scholarship Committee which shall also include the Director of Student Financial Aids, the Executive Head of Licking Valley High School and Mary June Mears, or her appointee.

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 purposes 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 student financial aid.

The Doctor Marvin Arthur Korbin Endowment Fund
in the College of Medicine

The Doctor Marvin Arthur Korbin Endowment Fund in the College of Medicine was established February 3, 1984, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from the children of Dr. Marvin Arthur Korbin, in Encino, California.

February 3, 1984 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 Doctor Marvin Arthur Korbin Endowment Fund
in the College of 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 is to be used to provide scholarship assistance for a student enrolled in the College of Medicine, as determined by the Dean of the College of Medicine. This student should be selected without regard to race, sex, or religion.

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 then directly responsible for the College of Medicine.

Change of Name and Description of Named Fund

Mervin G. Smith International Scholarship Fund
in Agriculture

The Mervin G. Smith International Scholarship Fund in Agriculture was changed February 3, 1984, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Mervin G. Smith of Columbus, Ohio. This fund, originally established on July 22, 1977, has been renamed and description changed in accordance with the wishes of the donor.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be added to principal until the principal reaches \$10,000 at which time the annual income is to be used to provide one or more scholarships for undergraduate and/or graduate students in the College of Agriculture who have demonstrated academic ability and/or need financial assistance. The selection of the recipient is to be made upon the recommendation of the administrative person directly responsible for International Affairs in the College of Agriculture, in cooperation with the Dean of the College of Agriculture. The donor is to be consulted about the selection during his lifetime. The scholarship will be given to students who have a special interest in International Agriculture, with preference given to students who wish to study abroad. At the end of each fiscal year any unused income shall be returned to principal.

February 3, 1984 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)

Mervin G. Smith International Scholarship Fund
in Agriculture (contd)

At such time as the principal reaches \$150,000 or more, all or part of the income will be used to create the Mervin G. Smith International Professorship Scholarship Fund. The individual selected for the Professorship will come from an Agricultural discipline and will carry on education and research in the international aspects of that discipline. Appointment to the Smith Professorship will be recommended by the Dean or Director responsible for International Agriculture, to the Provost and approved by the Board of Trustees.

Should the need for these scholarships or this faculty position 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 officials of the University who are then directly responsible for International Agriculture, education and research.

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REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS

Resolution No. 84-80

Synopsis: Contracts have been awarded for the projects listed below to the lowest and best bidders in accordance with University procedures.

WHEREAS resolutions adopted by the Board of Trustees at previous meetings authorized the President and/or Vice President for Business and Finance to sign the plans and specifications and, in accordance with established University procedures, to request bids and, if satisfactory bids were received, to recommend to the Department of Administrative Services, Division of Public Works, the award of contracts for the following projects:

HEALTH CENTER STORM SEWER AND
PERRY STREET IMPROVEMENTS

Description: This project consists of the installation of a new storm sewer to relieve the flooding conditions at the Rhodes Hall emergency entrance and installation of new curbs and walks and resurfacing of Perry Street after the sewer construction is completed. This work includes a larger capacity storm sewer pipe, tie-in of all intersecting storm sewers, manholes/catch basins, curbs, walks and asphalt and concrete paving. The location of this work is from Cannon Drive east on 8th Avenue to Perry Street, and north on Perry Street to Clinic Drive. The estimated completion date is July, 1984.

February 3, 1984 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

HEALTH CENTER STORM SEWER AND
PERRY STREET IMPROVEMENTS (contd)

General Contract

Date Received:	December 6, 1983
No. of Bids:	2
Low Bid:	\$178,462.00*
High Bid:	\$231,990.00*
Estimate of Cost:	\$164,600.00*
Awarded to:	United Construction Equipment, Columbus, Ohio
Total All Contracts:	\$178,462.00*
Total Contingency Allowance:	\$ 9,037.69 (which is 5 per cent of construction costs)
Total Project Cost:	\$213,000.00*
Funding:	Am. Sub. HB 552, U & R (\$180,000) and University Funds (\$33,000)

*Recommended alternates reflected in these figures.

INDEPENDENCE HALL - ROOF REPLACEMENT

Description: Removal of approximately 14,500 square feet of old roofing and replacement with new roofing materials and insulation as required. This work is necessary due to weather deterioration of the existing roof. Work is scheduled to begin in Spring, 1984; the estimated completion date is August, 1984.

General Contract

Date Received:	November 15, 1983
No. of Bids:	3
Low Bid:	\$143,918.00
High Bid:	\$147,765.00
Estimate of Cost:	\$138,000.00
Awarded to:	C. R. Huffer, Columbus, Ohio

February 3, 1984 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

INDEPENDENCE HALL - ROOF REPLACEMENT (contd)

Total All Contracts: \$143,918.00
Total Contingency Allowance: \$ 12,738.55 (which is 9 per cent of construction costs)
Total Project Cost: \$160,000.00
Funding: B/A 210134 (Contract Repair 1983-84)

NOW THEREFORE

BE IT RESOLVED, That pursuant to the actions previously authorized by the Board, the award of contracts and the establishment of project funds and contingency funds for the projects listed above are hereby approved.

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

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MORTAR BOARD RECOGNITION

Resolution No. 84-81

Synopsis: Recognition of the 70th anniversary of Mortar Board is proposed.

WHEREAS Mortar Board is a national honor society of college seniors recognized for superior scholastic ability, outstanding and continual leadership, and dedicated service in support of the ideals of the University; and

WHEREAS 1984 marks the seventieth anniversary of the founding of Mortar Board at The Ohio State University; and

WHEREAS Mortar Board at The Ohio State University was one of the four founding chapters of the national organization of Mortar Board which now numbers 188 chapters which have initiated more than 114,000 members; and

WHEREAS the National Council of Mortar Board, Inc., has established at The Ohio State University its national archives and its national office; and

WHEREAS the National Council has declared February 12 to February 18, 1984, as National Mortar Board Week; and

WHEREAS The Ohio State University Mortar Board chapter will sponsor a seventieth anniversary reception at eleven o'clock on the fourteenth day of February, in the Terrace Lounge of the Ohio Union;

NOW THEREFORE

February 3, 1984 meeting, Board of Trustees

MORTAR BOARD RECOGNITION (contd)

BE IT RESOLVED, That The Ohio State University acknowledges the seventieth anniversary of the founding of Mortar Board at The Ohio State University, and recognizes February 12 to February 18, 1984, as National Mortar Board Week; and

BE IT FURTHER RESOLVED, That the Board of Trustees of The Ohio State University congratulates Mortar Board on its significant influence as a senior honor society on The Ohio State University campus over these seven decades, and encourages its continued pursuit of excellence through superior scholarship, distinguished leadership, and exemplary service.

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

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EXPRESSION OF APPRECIATION TO RODNEY J. HARRISON

Resolution No. 84-82

WHEREAS Rodney J. Harrison has served for almost a year as Acting Vice Provost for Student Affairs while the University undertook an extensive search for a candidate to fill that position on a continuing basis; and

WHEREAS Mr. Harrison assumed these additional duties and responsibilities and performed them in an exemplary manner and in a fashion consistent with the highest needs, expectations and standards of the University; and

WHEREAS during his service in this position and under his leadership, a significant reorganization of certain functions of that office was undertaken, culminating in a number of University rule revisions which are before the Board for action today; and

WHEREAS Mr. Harrison devoted time, energy, understanding and leadership ability well beyond the call of duty in administering the functions of the Student Affairs area during the past year:

NOW THEREFORE

BE IT RESOLVED, That the gratitude and deep appreciation of this Board be expressed to Mr. Harrison for his willingness to take on these additional responsibilities on behalf of the University, and for his splendid efforts in that regard during the lengthy search process these last several months.

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

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February 3, 1984 meeting, Board of Trustees

REPORT ON INTERCOLLEGIATE ATHLETICS

President Jennings made the following statement:

Mr. Chairman, I would like to call on Mr. Thompson for a very brief report on intercollegiate athletics.

Mr. Thompson made the following statement:

Thank you, Mr. President. Mr. Chairman and Members of the Board, we are very pleased to announce today that after an extensive review by the Department of Education - Office of Civil Rights, The Ohio State University has been found to be in full compliance with Title IX of the Education Amendments of 1972 in the operation of its intercollegiate athletic programs. As you all know, Title IX of the Education Amendments prohibits discrimination against persons because of sex by educational institutions which receive federal financial assistance.

This review started because of a complaint that was filed back in November, 1974 (this is how long this review has been going on!), but it really focused--got itself focused--in 1983. That is the time when the review team came to campus from the Department of Education, interviewed over a hundred persons, toured the facilities, as well as reviewed and requested various documents and responses. After this in-depth review we have now been found to be in full and complete compliance with the letter and the spirit of the law. This finding definitely demonstrates this institution's continuing commitment to the principles of affirmative action and equal opportunity for all individuals regardless of sex, race, religion, age, national origin, disability, or Veteran status. Indeed, our athletic programs, which include over thirty different intercollegiate sports--half of which are open to women--represent one of the most comprehensive programs in the United States. I must say that the tremendous efforts of the Office of Affirmative Action, as well as the Department of Athletics, to ensure this equality of treatment for men and women clearly merits our recognition. We are very proud to present this to you today. Thank you.

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REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 84-83

RESOLVED, That the report on the University's Investment Portfolio, dated January 20, 1984, 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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February 3, 1984 meeting, Board of Trustees

Thereupon the Board adjourned to meet Friday, March 2, 1984, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 9:30 a.m.

Attest:

Madison H. Scott
Secretary

John D. Jacob, D.D.S.
Chairman

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THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND ONE HUNDRED AND NINETY-SEVENTH MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, March 2, 1984

The Board of Trustees met at its regular monthly meeting on Friday, March 2, 1984, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: John D. Jacob, Chairman, D. James Hilliker, Daniel M. Galbreath, Edmund C. Redman, John W. Berry, and Hamilton J. Teaford.

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Minutes of the last meeting were approved.

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March 2, 1984 meeting, Board of Trustees

The Chairman, Dr. Jacob, called the meeting of the Board of Trustees to order at 11:45 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: John D. Jacob, Chairman, D. James Hilliker, Daniel M. Galbreath, Edmund C. Redman, John W. Berry, and Hamilton J. Teaford.

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Dr. Jacob reconvened the meeting at 1:30 p.m.

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CONDITIONAL/UNCONDITIONAL ADMISSIONS

President Jennings called on Dr. Haenicke to give a report on the progress that has been made on the conditional/unconditional admissions program which goes into effect Autumn Quarter, 1984.

Dr. Haenicke made the following statement:

Mr. President, Mr. Chairman, members of the Board, I am very pleased to submit to you today a report on our preliminary findings regarding the new conditional/unconditional admissions policy which you, as a Board, approved in April of 1982. At that time the University stated that in order to be unconditionally admitted, the student had to complete a college preparatory high school curriculum as defined by the University. You stated at that time that this policy was to take effect in the Autumn Quarter of 1984, which is just before us. Since then many people in the University have been busy preparing the incoming students, the parents, the high school counselors and our OSU faculty for this new policy. The faculty committee here at Ohio State has given enormous time and effort to screen applications, to assess high school curricula, and, in general terms, to ease transition into the new policy.

I would like to mention briefly the members of the committee. They are: Professor Cooper from History, Professor Crosswhite from Education, Professor Garnes from English, Professor Horrocks from the College of Medicine/Physiological Chemistry (who is with us), and Professor Warmbrod from Agriculture. Professor Cardozo-Freeman and Dr. Baumer, in my office, provided leadership and support--Dr. Baumer is in the audience, too, as is our very able Director of Admissions, Dr. Mager, who is in charge of the entire and very complex technical operation.

The results of the efforts that we have made are very encouraging. The Class of 1988, the approximately 6,500 freshmen entering our University this fall, might be the best prepared group of students to enter the University in recent years. We think that the new policy is the reason for this change. Let me briefly explain. At The Ohio State University, a college preparatory high school curriculum is defined as follows: you have to take fifteen units in high school; four of them in English; three in mathematics; two in natural

March 2, 1984 meeting, Board of Trustees

CONDITIONAL/UNCONDITIONAL ADMISSIONS (contd)

science; two in social science; two in foreign languages; one in the visual and performing arts; and one additional unit taken from any of the above. Students who have not completed this college preparatory curriculum will be admitted to the University conditionally. Conditionally admitted students must remove what we term the deficiencies within the first 30 credit hours of study. That would be approximately during the first two quarters of their presence at OSU, and these credits would not count toward the completion of the degree requirements in college. In other words, the number of credit hours required for graduation will be increased by the number of hours required to remove a deficiency.

Each student's high school record is assessed at the time application for admission is made. Depending on the student's high school curriculum and the grades received, he or she will receive a personal letter. If students appear highly qualified academically but have what we call deficiencies, we strongly encourage them to come and we offer advice regarding the additional courses that they would have to take. Students who we think have little chance of succeeding at Ohio State, given their high school preparation, are not immediately admitted; instead, we invite them to visit with us so that we can discuss their deficiencies and the likelihood or perhaps the lack of likelihood for their success. If they then still wish to enroll regardless of our reservations and counsel, they may.

The response of the State's high schools to this new admissions policy has been dramatic. Without question, there has been a general upgrading of preparation for all students--male, female, minorities--in the two years since you announced this new approach to admission to the Columbus campus. Many more applicants who will come for the Autumn Quarter of '84 have completed a college preparatory curriculum than did students admitted to the University two years ago. I would like to show you a table which demonstrates this change.

In the first table we have taken a rather large sample of 559 students who applied for admission in the fall of '82. We had announced the policy in April of '82, so the students who entered in the fall could not get prepared for that new policy. So the first column shows the enrollees for '82. Had we applied our current unconditional admission requirements to that group, 14.6% of them would not have met our requirements in English. Two years later obviously something has happened in the high schools. Only 7.6% are not meeting the requirements. In mathematics the decrease is even greater. Better than 16% at that time would not have met them; now only 7%. In natural sciences, a very dramatic change. In social studies, no change, but it is insignificant. In foreign language, half of them--down from 30% who would not have met the criteria then, down to 14% now; in the visual and performing arts, curiously the figure has stayed the same. At that time we would have had only 33.8% of students who had no deficiencies--now we have 51.6% who have no deficiencies whatsoever. And if you realize that we have an enormously large number of students who have deficiencies only in

March 2, 1984 meeting, Board of Trustees

CONDITIONAL/UNCONDITIONAL ADMISSIONS (contd)

this one credit--in the visual and performing arts--we could say that 76% of our students meet the new unconditional admissions requirement with a possible exception of the visual and performing arts. Turned around also for foreign languages, we could say that 86% of all students applying for the fall have met the foreign language requirement.

Obviously the high school administrators, the counselors and the teachers have done an outstanding job in informing the students of our new admissions policy and in helping us to meet these new requirements. Many high school officials have informed me that the new policy has helped to make that job easier. In the past, many students believed that because they intended to apply at OSU, which has a traditional policy of open admissions, they did not have to take college preparatory courses to attend. The situation, we believe, has now changed, and students have begun to recognize that college preparatory work in high school is necessary to attend OSU and to succeed here.

Clearly--and I wish to emphasize this--the unconditional/conditional admissions policy is not meant to end the open admissions policy of the University. Rather, it is intended to assure that more students are prepared in the best possible way for college level work. Students who come to the University with weak preparation have always found it difficult to compete successfully with students who have superior academic preparation. We are now seeking increasingly to help our students by assuring that the largest available number of them come to us with preparation that will make it possible for them to succeed with college level work.

The recent study of students admitted in the Autumn Quarter of '82 confirms the value of college preparatory training. For this purpose I will show you Chart 2 which shows us how the students that we admitted in '82 fared. The first column shows the retention rate. The retention rate is defined as the number of students that are still in college the Autumn Quarter of their sophomore year. Of the ones that came in the autumn, how many of them are still there in the autumn one year later? Overall, we retained 79.2%; of the students who had no deficiencies whatsoever, 81% are still there a year later; of students with no deficiencies in English and math, 81.9% are still there a year later; but, of the students who had deficiencies in both English and math, there is a significant 10 percent difference--only 71% of them are still there.

If you also look at how they fare in general coursework, you see that the students with no deficiencies whatever, of course, do best in college as a group. Their average, their mean grade point average, is 2.57; the next best group in terms of academic performance are the students who have no deficiencies in English and math. The students with deficiencies in English and math are the poorest performers by this indicator.

March 2, 1984 meeting, Board of Trustees

CONDITIONAL/UNCONDITIONAL ADMISSIONS (contd)

These new admissions policies have not kept students from applying at OSU. In fact, this year we received larger numbers of applications than ever before, necessitating the earliest ever cut-off for accepting applications for the Autumn Quarter of 1984. We cut off admissions on January 5, 1984. This is an indication, I think, that students across the state value highly the quality of education at our University. The remedial instruction that we had to provide for many years has been a heavy burden on higher learning in recent times. More than 20% of freshmen entering Ohio State in the Autumn Quarter of '83--last fall--required remedial instruction in mathematics or English and often in both. This figure is now down from previous years, in large part because of the extensive efforts that the University has made to work with high school students and teachers of mathematics and English. The mathematics department at OSU pioneered a program for testing high school juniors in mathematics as a means of preparing them for math requirements at the college level. The success is dramatic--in 1978 for instance, 26% of all freshmen had to take remedial mathematics; in 1980, this figure was down to 25%; in 1981, it was down to 21.7%; and in 1983, last autumn quarter, it was down to 18.9%. Down from 26% just in 1978--I think that is a dramatic success, particularly if you translate that in real numbers, because we accept some 7,000-8,000 students depending on the year; and if almost 7% or 8% of them do not have to take math, as I said before that is a wonderful success.

More high school students are now taking mathematics and English as seniors, as a means of better preparing themselves for college level work. We anticipate that the need for remedial work at the University will continue to decline. An understanding of the fundamentals of mathematics and English composition, we think, is among the most important requirements for successful University experience. Without these basic skills students are at a serious disadvantage. That is why we place such great emphasis on adequate preparation. We want our students to succeed. We believe that better preparation and our increased articulation to the high schools have had an effect also on our general retention rates. For instance, in 1978, 75.6% of all freshmen survived into the Autumn Quarter of the next year--the sophomore year. In 1980, this figure had increased to 77.9%, to 78.3% in '81, and it stood at 79.2% in 1982. We are of course again very satisfied with this type of progress. We are making every effort to prepare our students for success in college.

Let me briefly point to the last chart that we have, Chart 3. This now shows you the profile of the students that we have processed as applicants. The total applicants that are processed and represented in these charts are better than 11,000 people. Of these we see that 7.6% have not taken four units of English--of the men, 8.3%; the women, 7%; minorities, 10.1%. Better than 51% have no deficiencies whatsoever, as we pointed out. The major problem that we defined at this point is in the area of visual and performing arts, and we are trying to address that in our discussions with high schools and our internal discussions, and in our negotiations internally

March 2, 1984 meeting, Board of Trustees

CONDITIONAL/UNCONDITIONAL ADMISSIONS (contd)

with the colleges about developing new courses. We were initially quite surprised that the foreign language requirement obviously does not pose the problem that some of us had expected. Seventy-six percent of our students meet it without any problem, and this figure of 14.4% who do not meet the language requirement does not indicate clearly whether it is just one unit by which they are short or two, because two units is what we require.

Again, as I've pointed out before, if we combine these two figures and leave out the visual and performing arts requirement because that is just one credit, we have a figure of better than 76% of our students who meet the requirements, which is a dramatic change over what would have happened, we think, had we not instituted the policy; because the comparative figures that we have from '84 show us that the figure would have been very significantly different. What we are doing is that we are providing appropriate courses for all students who need to remove deficiencies, so that we can lift the conditional status of their admissions. In some cases--foreign languages, for instance--we have new courses, but in the visual and performing arts we are still working on the appropriate remedies. The relatively small number of students requiring remedial work we think will not pose any big problems for the University. Our aim is, of course, to speed the day when none of our students will require remedial work at the university level any longer. This, Mr. President, concludes my report.

President Jennings:

Thank you, Diether. I think we can all be extremely proud of that record throughout the institution--the faculty, Diether's office, Professor Horrocks, Professor Baumer. I think this is a story in which the early success has been much more dramatic than I think any of us would have predicted. I think the most astonishing thing is the characteristics of these figures, where this is really just the first year that we have been working with this activity and yet we have seen such a remarkable turnabout. It is abundantly clear, I think, that not only does remediation go down, but the quality of a student's experience academically will go up considerably by coming to us with this preparation. It is really a program that has worked enormously well and I want to thank Diether's office and the entire staff for the really excellent work associated with this effort.

Mr. Galbreath:

Another thing, too, is that clearly it means that all other colleges and universities dealing with Ohio students are going to benefit from this program, too. And it shows that the kids are bright enough that they get the proper direction.

March 2, 1984 meeting, Board of Trustees

CONDITIONAL/UNCONDITIONAL ADMISSIONS (contd)

Dr. Jacob:

I think this really has worked out even better than we had a right to hope two or three years ago. The question that I would have, though, is that--it looks as though, if those numbers are reflected, that you will have about 2,000 kids who will show up this fall who are deficient in the visual and performing arts. And if you are going to give them that one course within the first 30 hours, that means you have got about 1,000 a quarter to put through the program.

Dr. Haenicke:

I thought they might enlarge the marching band or come up with some other creative suggestions. More seriously speaking, this is indeed a problem that we are trying to address. What we have in mind is this, where our general rule is that the students have to make up this deficiency in the first two quarters, we might ease that provision and say that they must make up that deficiency in the first year or year and a half or whatever so that we can normally spread it over a longer period--so that we can adjust it without having additional sections and additional staff and personnel to take care of that situation.

President Jennings:

Also, it will be extremely interesting for us to compare these figures that we have today with what that reality is next fall, because all of these youngsters have an opportunity to correct some of these deficiencies this spring semester in high school, during the summer in high school, or by coming to summer school at Ohio State. It will be interesting to see to what extent these numbers go down with the youngsters who actually show up here, because they have clearly gotten the word where they could adjust it in their high school--in their last semester of high school or in summer school. I think that is the next comparison coming--to what extent the kids make that adjustment.

Dr. Jacob:

If that is a significant adjustment, that would lead me to think even more highly of the program, because it influences the students to get this done before they get here. And that is what we have been trying to do all along, is it not?

President Jennings:

I think we have been preaching also that college preparation is really the most--at this stage--significant thing we can do, and I think that is the other thing that is very gratifying about this data. Solid evidence is now confirming the assumption that success in college is largely determined by the preparation one gets in high school. And then I think the final thing is that along that same line, the

March 2, 1984 meeting, Board of Trustees

CONDITIONAL/UNCONDITIONAL ADMISSIONS (contd)

evidence certainly suggests that the high school teaching is done very well, when they get the youngsters in the classroom. Part of the weakness of the high school operation has not been the teaching, but simply not getting the youngsters in the classroom. And the high schools, in terms of their quality, are getting beat up a little bit nationally, but I think this clearly indicates that when that high school teacher in general can teach a literature class or a mathematics class, they do a pretty good job. It really is a very nice thing and I think it is more than we could have hoped for.

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DISCONTINUANCE OF BACHELOR OF SCIENCE DEGREE
IN LABOR AND HUMAN RESOURCES

Resolution No. 84-84

Synopsis: Discontinuance of the Bachelor of Science Degree in Labor and Human Resources is proposed.

WHEREAS on April 1, 1983, this Board approved the restructuring of the College of Administrative Science, which brought about the merger of the Academic Faculty of Labor and Human Resources and the Academic Faculty of Management Science to form the Academic Faculty of Management and Human Resources; and

WHEREAS the faculty of the College of Administrative Science endorse the discontinuance of the Bachelor of Science in Labor and Human Resources degree; and

WHEREAS the Bachelor of Science in Labor and Human Resources degree peaked at 45 students; and

WHEREAS the current eight students in the Bachelor of Science in Labor and Human Resources degree program will be protected, and may be graduated with said degree; and

WHEREAS the Master and Ph.D. degree programs in Labor and Human Resources will remain in place:

NOW THEREFORE

BE IT RESOLVED, That the Board of Trustees concurs with the decision of University Senate, on February 18, 1984, to discontinue the Bachelor of Science in Labor and Human Resources degree, and that said action is hereby approved.

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

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March 2, 1984 meeting, Board of Trustees

TEMPORARY MEASURES FOR PROCESSING ACADEMIC
MISCONDUCT CASES

Resolution No. 84-85

Synopsis: Temporary measures are proposed to expedite processing of matters before the Committee on Academic Misconduct while the University Senate deliberates rule amendments intended to alleviate the workload on a long-term basis.

WHEREAS the workload of the Committee on Academic Misconduct, as presently constituted, has increased to the extent that an unacceptably large backlog of cases exists; and

WHEREAS the principles of justice and equity require thoughtful and timely disposition of allegations of academic misconduct; and

WHEREAS appropriate committees of the University Senate are considering what changes in the Rules of the University Faculty may be necessary to ensure equitable and prompt processing of cases before the Committee on Academic Misconduct in the long term, and it is anticipated that the review and revision process will take at least several months; and

WHEREAS the University Senate, in order to meet the immediate objective of addressing, as expeditiously as possible, the aforementioned backlog of cases, has proposed that certain provisions of Rule 3335-5-54 be temporarily suspended in accordance with the following:

That (1), the Committee on Academic Misconduct will temporarily be increased in size by the addition of nine faculty members, three graduate student representatives and three undergraduate student representatives;

That (2), the Steering Committee shall propose nine faculty members to serve as temporary members of the Committee on Academic Misconduct subject to approval by the Senate; the President of the Council of Graduate Students, with the approval of the Council of Graduate Students, shall appoint three temporary members of the Committee on Academic Misconduct to represent graduate students; and the President of the Undergraduate Student Government, with the approval of the Undergraduate Student Assembly, shall appoint three temporary members of the Committee on Academic Misconduct to represent undergraduate students. These persons shall serve in addition to the existing, regular members of the Committee on Academic Misconduct. These memberships on the Committee on Academic Misconduct shall cease when the purpose of this provision ceases;

That (3), from the pool of current and temporary members of the Committee on Academic Misconduct, the Committee may establish panels empowered to conduct hearings and make decisions with the same authority as the Committee on Academic Misconduct:

March 2, 1984 meeting, Board of Trustees

TEMPORARY MEASURES FOR PROCESSING ACADEMIC
MISCONDUCT CASES (contd)

NOW THEREFORE

BE IT RESOLVED, That the Board of Trustees of the University waives 3335-5-46 (T) (2) in order to implement this temporary change immediately, eliminating the necessity to submit this rule change to the further attention of the Rules Committee and resubmission to the University Senate; and

BE IT FURTHER RESOLVED, That the temporary suspension of Rule 3335-5-54 as proposed above is approved; and

BE IT FURTHER RESOLVED, That this action shall be effective immediately and shall continue in effect until permanent rules adopted by the University Senate increasing the size of the committee are approved by the Board of Trustees and implemented by the regular process for selection of committee members, but no longer than the last day of Fall Quarter, 1984.

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

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AMENDMENTS TO RULES OF THE UNIVERSITY FACULTY

Resolution No. 84-86

Synopsis: Change in the use of the term "chairman" to "chairperson" and "chairmen" to "chairpersons" in Rules of the University Faculty is proposed.

WHEREAS on March 12, 1983, the University Senate passed a resolution changing the use of the term "chairman" to "chairperson" in Rule 3335-3-35; and

WHEREAS on April 1, 1983, this Board concurred with the above action of the University Senate by adopting Resolution 83-103; and

WHEREAS on March 12, 1983, the University Senate also asked that all uses of "chairman" and "chairmen" be changed to "chairperson" and "chairpersons", respectively, in the Rules of the University Faculty; and

WHEREAS the chairperson of the Rules Committee of the University Senate has now asked that the latter request be implemented;

NOW THEREFORE

BE IT RESOLVED, That the Secretary of the Board of Trustees be authorized to change to the terms "chairperson" or "chairpersons" all remaining references to department administrators and committee heads in which the term "chairman" or "chairmen" is used, and that this change shall be reflected in the next published edition of the Rules of the University Faculty.

March 2, 1984 meeting, Board of Trustees

AMENDMENTS TO RULES OF THE UNIVERSITY FACULTY (contd)

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

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AMENDMENTS TO RULES OF THE UNIVERSITY FACULTY

Resolution No. 84-87

Synopsis: Amendments to rules 3335-7-32 (A), 3335-9-09, and 3335-9-10 of the Rules of the University Faculty are proposed.

WHEREAS in response to an administrative restructuring in which some of the duties of the Assistant Vice President for Registration Services have been assumed by the Vice Provost for Student Affairs, and the Director of Registration, Records and Scheduling has taken the title of University Registrar; and

WHEREAS on February 3, 1984, this Board approved the amendment of twenty-four rules of the Rules of the University Faculty to effect the necessary title changes; and

WHEREAS three rules were inadvertently omitted from the last Senate action and were thus not adopted as amendments by this Board, these rules and the requisite changes being as follows:

3335-7-32 (A): change "director of registration, records and scheduling" to "university registrar."

3335-9-09: change two references to "office of registration, records and scheduling" to "office of the university registrar."

3335-9-10: change "assistant vice president for registration services" to "vice provost for student affairs"; and

WHEREAS the chairperson of the Rules Committee of the University Senate has expressed that committee's view that these are editorial changes and not of a substantive nature, and that the committee has requested that the Board of Trustees make these changes in the Rules of the University Faculty without further action by the University Senate:

NOW THEREFORE

BE IT RESOLVED, That the Secretary of the Board of Trustees be requested to make the referenced amendments to the Rules of the University Faculty, to be effective immediately and to be reflected in the next published edition of that document.

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

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March 2, 1984 meeting, Board of Trustees

AMENDMENT OF BYLAW OF UNIVERSITY HOSPITALS BOARD

Resolution No. 84-88

Synopsis: Change in terms for the twelve citizen members of the University Hospitals Board is proposed.

WHEREAS pursuant to 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 it is appropriate to revise the composition of the University Hospitals Board citizens membership to allow any citizen member to serve for three consecutive full terms:

NOW THEREFORE

BE IT RESOLVED, That Bylaw 3335-93-01 of the Administrative Code be amended to read:

3335-93-01 University hospitals board.

- (A) The body responsible to the Ohio state university board of trustees for oversight of patient care services, the university hospitals' support of the Ohio state university health services academic programs, shall be known as the university hospitals board (herein called board).
- (4) The term of office for the twelve citizen members will be three years. At the discretion of the Ohio state university board of trustees, any citizen member may serve three consecutive full terms.

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

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DISTINGUISHED SERVICE AWARDS

Resolution No. 84-89

Synopsis: Recommendation for eight individuals to receive Distinguished Service Awards is proposed.

WHEREAS the President's Staff, 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:

March 2, 1984 meeting, Board of Trustees

DISTINGUISHED SERVICE AWARDS (contd)

Morgan L. Allison
Roy H. Bowen
W. Arthur Cullman
Stanley Earl Harrison
William J. Holloway
L. Neal Smith
Charles H. Summerson
Clara G. Weishaupt

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

BE IT RESOLVED, That the Distinguished Service Awards be approved for awarding as designated above.

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

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DEGREES AND CERTIFICATES - WINTER QUARTER COMMENCEMENT

Resolution No. 84-90

Synopsis: Approval is being requested for awarding degrees and certificates for Winter 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

BE IT RESOLVED, That the degrees and certificates be conferred on March 16, 1984, 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. Teaford, seconded by Mr. Berry, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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March 2, 1984 meeting, Board of Trustees

HONORARY DEGREE

Resolution No. 84-91

Synopsis: Approval is requested for awarding an honorary degree.

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:

Robert C. Good

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 Mr. Berry, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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PERSONNEL ACTIONS

Resolution No. 84-92

Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Changes in Title, Appointment, Appointment of Chairpersons of Department and Academic Faculty, Termination of Faculty Appointment, Leave of Absence Without Salary, Professional Improvement Leave--Change of Date, and Emeritus Titles are recommended for approval.

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the February 3, 1984 meeting of the Board, including the following Changes in Title, Appointment, Appointment of Chairpersons of Department and Academic Faculty, Termination of Faculty Appointment, Leave of Absence Without Salary, Professional Improvement Leave--Change of Date, and Emeritus Titles as detailed in the University Budget, be approved.

Changes in Title

Name:	ANNE L. PRUITT
Title:	Associate Provost
Office:	Academic Affairs
Effective:	Immediately
Salary:	\$59,160.00
Present Position:	Associate Dean, Graduate School

March 2, 1984 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Emeritus Titles (contd)

JOHN E. CRAINE, Cooperative Extension Service, with the title Professor Emeritus, effective February 1, 1984.

SAMUEL C. KELLEY, Department of Economics, with the title Professor Emeritus, effective February 1, 1984.

MARY E. CLARK, Cooperative Extension Service, with the title Assistant Professor Emeritus, effective February 1, 1984.

JANE W. GATLIFF, University Libraries, with the title Assistant Professor Emeritus, effective February 1, 1984.

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

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RESOLUTIONS IN MEMORIAM

Resolution No. 84-93

Synopsis: Resolutions honoring the service of three of the University's faculty members who have recently died are being 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.

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

E. Kenneth Alban

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on February 9, 1984, of E. Kenneth Alban, Professor Emeritus in the Department of Horticulture. Professor Alban retired September 30, 1978, following nearly thirty-six years of distinguished service to the University.

Professor Alban received his B.A. degree from Denison University and his M.S. and Ph.D. degrees from The Ohio State University in 1943 and 1945 respectively. He worked with several nurseries in central Ohio following graduation from Denison. He came to Ohio State in 1942 to begin work on Master's and Ph.D. degrees. In 1943 he started working for the Ohio Agricultural Experiment Station and teaching courses at the University in the Department of Horticulture. In 1943 he started research on chemical weed control in vegetables. He continued this work until his retirement and was recognized as one of the pioneers in chemical weed control, research, and teaching.

March 2, 1984 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

E. Kenneth Alban (contd)

Over the years Professor Alban has taught many different courses in horticulture including introductory vegetable crops, advanced vegetable crops, general horticulture, weed science, greenhouse vegetable crops, vegetable breeding, and postharvest physiology.

Professor Alban was a member of Sigma Xi, American Society for Horticultural Science, Gamma Sigma Delta, Weed Science Society of America of which he was elected a Fellow in 1972, American Society of Plant Physiologists, American Institute of Biological Sciences, American Association for Advancement of Science, and the Ohio Academy of Science where he became a Fellow in 1949. More recently in 1977 he received the H. D. Brown Award from the Ohio Canners and Food Processors Association. He also received, at the Short Course for Potato Growers in 1977, the Golden Potato Award.

Professor Alban was the author of many scientific publications as well as commercial publications for growers.

Through his teaching and concern for people, Professor Alban gained the respect of his students, associates, and commercial producers. Through his guidance and his many contributions to chemical weed control, Dr. Alban's influence will have a lasting impact for generations to come.

On behalf of the University, the Board of Trustees expresses to the family its deepest sympathy 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.

Alvia L. Bozeman

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on February 24, 1984, of Alvia L. Bozeman, Associate Professor Emeritus in the Department of Educational Theory and Practice.

Dr. Bozeman received her Bachelor's and Master's degrees from Virginia State University. She completed her doctoral program from The Ohio State University in 1958. For more than thirty-five years, she was a teacher of children, youth, and adults. She joined the faculty at Ohio State as a teacher in the University School. From 1968 to 1983 she was Associate Professor in the areas of elementary and early childhood education.

Dr. Bozeman was committed to the recruitment of minority students and worked very actively in this area. She was recognized for her capability and willingness to work with all students. She has often been described as "one of the finest teachers I have ever known."

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.

March 2, 1984 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Roy A. Larmee

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on February 27, 1984, of Roy A. Larmee, Professor of Education.

Dr. Larmee joined the Ohio State faculty in 1962 as an associate professor. He served as chairman of the Department of Educational Administration from 1965-71.

Professor Larmee recently received distinguished service awards from the American Association of School Administrators and the Buckeye Association of School Administrators. He was a member of both of those associations and of other professional organizations. He served as the University's faculty representative to the Big Ten athletic conference from 1971-76 and on the University's Athletic Council from 1967-76.

Roy Larmee was nationally known as a consultant to school districts on hiring superintendents. He contributed articles for education journals and was the author of the publication, "Nongraded School in Action: Bold New Venture."

A native of Ann Arbor, Michigan, he received his bachelor's and master's degrees from the University of Michigan. He was awarded the Ph.D. from the University of Chicago.

Professor Larmee held several positions, including high school principal, in the Waterford Township Schools in the Pontiac, Michigan, area from 1948-55. From 1955-57, he was a staff associate at the University of Chicago, and from 1957-61 he was director of the University of Chicago's Laboratory Schools. He served in the Army Air Force in World War II.

On behalf of the University, the Board of Trustees expresses to the family its deepest sympathy 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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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

Resolution No. 84-94

Synopsis: The reports on contracts, grants, and gifts and the summary for January, 1984 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:

March 2, 1984 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 January 1984, be approved.

Upon motion of Mr. Berry, seconded by Mr. Redman, the foregoing resolution was adopted by the Board of Trustees by unanimous voice vote.

SUMMARY FOR JANUARY 1984

Source	No. of Projects	Support Level
The Ohio State University Research Foundation	73	\$10,072,900.77
Engineering Experiment Station	5	\$ 110,978.00
		\$10,183,878.77
The Ohio State University Development Fund		
Establishment of Named Funds		
Robert H. Edgerley Environmental Toxicology Fund (Graduate Students - College of Biological Sciences)		\$ 13,439.36
A. Allen Holmes Scholarship Fund (Scholarships - College of Law)		\$ 6,000.00
Grace Wolfe Kenson Lahm Student Loan Fund (Students Loans - OSU Mansfield Campus)		\$ 5,689.00
Broward County, Florida Alumni Scholar- ship Fund (Scholarships - Undergraduates from Broward County, Florida)		\$ 5,532.00
Harry and Carl Sonkin Memorial Award for Peace and International Under- standing (Scholarships - graduate or senior undergraduate students)		\$ 5,003.00

March 2, 1984 meeting, Board of Trustees

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

SUMMARY FOR JANUARY 1984 (contd)

The Ohio State University Development Fund (contd)

Establishment of Named Funds (contd)

Chester I. Randles Graduate Studies Scholarship Fund in Microbiology (Support graduate students in Ph.D. program - Department of Microbiology)	\$	5,000.00
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University Hospitals Endowment Fund (Support patient care, teaching, and research)	\$	5,000.00
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Change in Name of Fund

From: Hamilton and Kramer Law Firm Fund
To: Hamilton, Kramer, Myers and Cheek
Law Firm Fund

Change in Description of Named Funds

The Partners and Employees of Price
Waterhouse Endowment Fund

Biological Environmental Research Fund

Biological Sciences Student Activities
Fund

Report from Presidents Club

Members to date	4,663
1983-84 members: fiscal year to date	70
1984 members: calendar year to date	6
New members - January 1984	6

New Presidents Club Members - January 1984

David W. Cooke	William D. Smart
Dale R. England	Dean A. Sweet
Garry C. Myers, III	William F. Yoerger

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

July through December, 1982 and 1983
 THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

CONTRIBUTIONS BY SOURCE

	July through 1982	Donors through December 1983	% Change	July through 1982	Dollars through December 1983	% Change
Alumni	27,235	31,351	15	\$ 6,006,072	\$ 4,055,672	(32)
Non-Alumni	14,407	15,184	5	1,969,789	4,510,452	129
Corporations	904	1,060	17	2,147,421	2,897,380	35
Corporate Foundations	170	200	18	854,267	1,070,077	25
Private Foundations	80	89	11	488,398	700,556	43
Other Organizations	354	533	51	605,322	581,334	(4)
Total	43,150	48,417	12	\$12,071,269	\$13,815,471	14

CONTRIBUTIONS BY TYPE

	July-December 1982	July-December 1983	% Change
Designated	\$ 6,978,080	\$ 9,324,347	34
Discretionary	840,633	965,618	15
Deferred Maturities	2,366,278	2,000,231	(5)
Gifts-In-Kind	1,886,277	1,525,275	(19)
Total	\$12,071,269	\$13,815,471	14
Gifts (# of)	52,004	58,296	12

March 2, 1984 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Report - January 1984

Federal Research Contracts/Grants

\$4,575,000.00 - Department of Education, Washington, D. C., The National Center for Research in Vocational Education, The National Center for Research in Vocational Education (R. E. Taylor), 16 January 1984 through 15 January 1985. (Project 763413 - New)

\$1,000,000.00 - Department of the Army, Defense Supply Service, Washington, D. C., An Experimental Study of an Ultra-Mobile Vehicle for Off-Road Transportation, Department of Electrical Engineering (R. B. McGhee), Department of Mechanical Engineering (K. J. Waldron) and Department of Computer and Information Science (B. W. Weide), 1 January 1984 through 30 September 1984. (Project 762945 - Continuation)

\$369,000.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Resonant Structure NCTR (Non-Cooperative Target Recognition), Department of Electrical Engineering, Electro-Science Laboratory (J. D. Young), 1 January 1984 through 30 September 1984. (Project 762920 - Continuation)

\$260,000.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Fourier Transform Infrared Spectrometer for Biospectroscopy, Department of Physiological Chemistry (J. O. Alben), 1 January 1984 through 31 December 1984. (Project 763954 - New)

\$256,203.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Southwest Oncology Group, Department of Medicine (S. P. Balcerzak), Department of Pathology (K. P. Clausen), and Department of Surgery (W. B. Farrar), 1 January 1984 through 31 December 1984. (Project 761094 - Continuation)

\$252,140.00 - Department of Education, Office of Educational Resources and Improvements, Washington, D. C., Operation of an Educational Resources Information Center (ERIC) Clearinghouse on Science, Mathematics and Environmental Education, Department of Educational Theory and Practice (R. W. Howe), 1 January 1984 through 31 December 1984. (Project 763390 - Continuation)

\$185,000.00 - International Development Cooperation Agency, Agency for International Development, Washington, D. C., Improvement of Savings and Credit Services by Rural Financial Institutions in Dominican Republic, Department of Agricultural Economics and Rural Sociology (C. Gonzales-Vega), 1 October 1983 through 30 September 1985. (Project 763301 - Continuation)

March 2, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$169,546.00 - National Science Foundation, Washington, D. C., Studies of Manipular Geometry, Department of Mechanical Engineering (K. J. Waldron), 15 January 1984 through 14 January 1986. (Project 763946 - New)

\$158,961.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Use of Cyclosporin A in Bone Marrow Transplantation, Department of Medicine (P. J. Tutschka), 1 February 1984 through 31 January 1985. (Project 763830 - Continuation)

\$132,335.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Genetic and Molecular Studies of RNA Splicing, Department of Genetics (P. S. Perlman), 1 March 1984 through 28 February 1985. (Project 763452 - Continuation)

\$129,568.00 - Department of Transportation, National Highway Traffic Safety Administration, East Liberty, Ohio, Omnidirectional Dummy Head and Neck, Department of Mechanical Engineering (R. L. Stalnaker), 1 December 1983 through 30 September 1984. (Project 763945 - New)

\$113,093.00 - Department of Education, Office of Libraries and Learning Technologies, Washington, D. C., American Fiction, 1901-1925: Collection Strengthening and Creation of a National Bibliographic, University Libraries (W. J. Studer), 1 January 1984 through 31 March 1985. (Project 763934 - Continuation)

\$104,577.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, The Role of α -Lactalbumin in Lactose Biosynthesis, Department of Chemistry (L. J. Berliner), 1 February 1984 through 31 January 1985. (Project 763428 - Continuation)

\$101,081.00 - Department of Transportation, National Highway Traffic Safety Administration, East Liberty, Ohio, Passenger Car Handling and Stability Research, Department of Mechanical Engineering (L. A. Kennedy), 15 November 1983 through 30 September 1984. (Project 763939 - New)

\$99,044.00 - Department of the Air Force, Air Force Systems Command, Bolling Air Force Base, D. C., Motion and Stability of Saturated Soil Systems under Dynamic Loading, Department of Civil Engineering (R. S. Sandhu), 1 February 1984 through 31 January 1985. (Project 763420 - Continuation)

March 2, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$99,002.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Molecular Control in Cytochrome C Oxidase, Department of Physiological Chemistry (J. O. Alben), 1 January 1984 through 31 December 1984. (Project 762976 - Continuation)

\$98,930.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Effects of Aging and GI Disease on Digoxin Metabolism, College of Pharmacy (R. H. Reuning and L. W. Robertson) and Department of Medicine (J. H. Caldwell, R. L. Donnerberg and H. S. Mekhjian), 1 January 1984 through 31 December 1984. (Project 763950 - New)

\$90,957.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, The Development and Evaluation of Point Defect Models for the Growth of Passive Films on Single Crystal, Polycrystalline, and Amorphous Metal Surfaces, Department of Metallurgical Engineering (D. D. Macdonald), 1 March 1984 through 28 February 1985. (Project 763048 - Continuation)

\$90,000.00 - National Science Foundation, Washington, D. C., Magnetic Domain Wall Resonance and the Electric Field Shift of the Ferromagnetic Resonance, Department of Physics (P. E. Wigen), 1 January 1984 through 31 December 1984. (Project 763741 - Continuation)

\$75,600.00 - National Science Foundation, Washington, D. C., Superfluid Turbulence, Department of Physics (J. T. Tough), 10 January 1984 through 28 February 1985. (Project 763441 - Continuation)

\$68,901.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Separate Flows, Department of Aeronautical and Astronautical Engineering (O. R. Burqgraf), 1 January 1984 through 31 December 1984. (Project 763412 - Continuation)

\$66,410.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Chemical Carcinogen Induced Neoplastic Transformation, Department of Physiological Chemistry and Cancer Research Center (G. E. Milo), 1 January 1984 through 31 December 1984. (Project 761756 - Continuation)

\$55,212.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Research on the Kinetics of Phase Changes on Solids, Department of Metallurgical Engineering (J. P. Hirth), 15 December 1983 through 14 December 1984. (Project 760222 - Continuation)

March 2, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$52,328.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Analysis of Local Circuitry in the Inferior Olive, Department of Anatomy (G. A. Bishop), 1 February 1984 through 31 January 1985. (Project 763013 - Continuation)

\$38,056.00 - Department of Transportation, National Highway Traffic Safety Administration, East Liberty, Ohio, Preliminary Development of a Pedestrian Dummy Thorax and Thoracic Simulator, Department of Mechanical Engineering (D. A. Guenther), 1 October 1983 through 30 April 1984. (Project 762594 - Continuation)

\$34,840.00 - Department of Transportation, National Highway Traffic Safety Administration, East Liberty, Ohio, Pedestrian Impact Quantification and Human Trauma Correlation, Department of Mechanical Engineering (R. L. Stalnaker), 1 February 1984 through 31 July 1984. (Project 763465 - Continuation)

\$31,884.00 - Department of Transportation, National Highway Traffic Safety Administration, East Liberty, Ohio, Pedestrian Head Impact Reconstruction, Department of Mechanical Engineering (D. A. Guenther and J. A. Collins), 1 January 1984 through 31 December 1984. (Project 763952 - New)

\$29,554.00 - National Science Foundation, Washington, D. C., Nonlinear Wave Motion, Department of Mathematics (J. M. Greenberg), 1 January 1984 through 28 February 1985. (Project 763660 - Continuation)

\$27,636.00 - National Science Foundation, Washington, D. C., Synthesis and Isomerization Reactions of Novel Alicyclic Molecules, Department of Chemistry (L. A. Paquette), 1 January 1984 through 31 December 1984. (Project 761850 - Continuation)

\$25,000.00 - Department of the Navy, Naval Material Command, China Lake, California, Improvement of Mathematical Models to Predict the Near- and Far-Field Radio Frequency (RF) Characteristics of Realistic Jet Intakes, Department of Electrical Engineering, ElectroScience Laboratory (P. Pathak), 1 October 1983 through 30 September 1984. (Project 763957 - Continuation)

\$22,000.00 - Department of Energy, Argonne, Illinois, Pulse Radiolysis Studies of Fast Reactions in Molecular Systems, Department of Chemistry (L. M. Dorfman), 1 February 1984 through 31 January 1985. (Project 762589 - Continuation)

March 2, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$18,245.00 - National Science Foundation, Washington, D. C., Justice in Intergroup Relations: A Joint Seminar, Academic Faculty of Management Science (J. Greenberg), 15 January 1984 through 31 December 1984. (Project 763965 - New)

\$17,346.00 - Department of Transportation, National Highway Traffic Safety Administration, East Liberty, Ohio, Pedestrian Thorax Impact Reconstruction, Department of Mechanical Engineering (D. A. Guenther), 1 January 1984 through 30 June 1984. (Project 763951 - New)

\$9,100.00 - Department of the Navy, Naval Research Laboratory, Washington, D. C., Advanced Topics in Adaptive Arrays, Department of Electrical Engineering, ElectroScience Laboratory (R. T. Compton), 1 August 1983 through 31 July 1984. (Project 763784 - Continuation)

\$5,665.00 - National Science Foundation, Washington, D. C., Dissertation Research: Systematics of Clermontia (Angiospermae: Campulanaeae), Department of Botany (T. F. Stuessy), 1 January 1984 through 31 December 1985. (Project 763941 - New)

\$5,000.00 - Department of Labor, Occupational Safety and Health Administration, Washington, D. C., Development of Occupational Safety and Health Training/Education and Related Assistance Capabilities, Administrative Science - Continuing Education (R. M. Montgomery and C. J. Slanicka), 1 October 1983 through 30 August 1984. (Project 761381 - Continuation)

\$3,762.00 - National Science Foundation, Washington, D. C., Special Molecular Theory-Molecular Spectroscopy Sessions at the 1984 Spectroscopy Symposium, June 11-15, 1984, Columbus, Ohio, Department of Chemistry (R. M. Pitzer), 15 January 1984 through 31 December 1984. (Project 763967 - New)

\$2,755.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Liposome-Macrophage Activating Factor for Clinical Use, Department of Medicine (J. R. Rinehart and C. C. Whitacre) and Department of Microbiology (B. Zwilling), 1 July 1983 through 30 June 1984. (Project 763199 - Continuation)

\$1,840.00 - Department of Education, Office of Vocational and Adult Education, Washington, D. C., Linking Community Collaborative Comprehensive Programs of Career Guidance with Youth Education and Employment Initiatives, The National Center for Research in Vocational Education (R. E. Taylor), 1 October 1981 through 31 December 1983. (Project 762892 - Continuation)

March 2, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$1,200.00 - Department of Energy, Federal Energy Regulatory Commission, Washington, D. C., Modification of CERES Program to Permit the Inclusion of Hydroelectric Units Having Differing Annual Capacity, National Regulatory Research Institute (D. N. Jones), 1 December 1983 through 31 January 1984. (Project 763953 - New)

TOTAL - FEDERAL AWARDS \$8,876,771.00

State of Ohio Research Contracts/Grants

\$63,234.00 - State of Ohio, Department of Mental Retardation and Developmental Disabilities, Columbus, Ohio, Parent-Professional Interaction: A Key to Parental Involvement, College of Social Work (A. Riemenschneider), 1 October 1983 through 30 September 1984. (Project 762993 - Continuation)

\$5,000.00 - State of Ohio, Ohio Department of Mental Health, Columbus, Ohio, Graduate Nurse Training, College of Nursing (J. A. Clement), 1 January 1984 through 30 June 1984. (Project 763956 - New)

\$1,000.00 - State of Ohio, The Ohio Humanities Council, Columbus, Ohio, The Spiritual: A History and Performance, Department of English (M. E. Rucker), 3 January 1984 through 29 February 1984. (Project 763958 - New)

\$891.00 - State of Ohio, The Ohio Humanities Council, Columbus, Ohio, 1984: Vision and Reality, College of Humanities - Administration (C. D. Klopp), 12 December 1983 through 30 June 1984. (Project 763960 - New)

TOTAL - STATE OF OHIO AWARDS \$ 70,125.00

Industrial Research Contracts/Grants

\$180,000.00 - Rockwell International Corporation, Los Angeles, California, Radar Cross Section of Aircraft/Avionics Systems, Department of Electrical Engineering, ElectroScience Laboratory (L. Peters, Jr.), 15 December 1983 through 30 September 1984. (Project 763961 - Continuation)

\$149,337.00 - Union Carbide Corporation, Oak Ridge, Tennessee, Hypereutectic Heat Storage Shot, Department of Metallurgical Engineering (C. E. Mobley, Jr. and R. A. Rapp), 1 February 1984 through 31 October 1984. (Project 763884 - Continuation)

March 2, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial Research Contracts/Grants (contd)

\$99,988.00 - Sandia Corporation, Albuquerque, New Mexico, Measure the Dynamic Force and Moment Characteristics for Airfoil Sections Intended for Use in Darrieus Vertical Axis Wind Turbine (VAWT) Blades, Department of Aeronautical and Astronautical Engineering (G. M. Gregorek and J. D. Lee), 21 December 1983 through 30 September 1984. (Project 763955 - New)

\$65,288.00 - Price Waterhouse and Company, Washington, D C., ARAMCO Training Program, The National Center for Research in Vocational Education (R. E. Taylor), 15 April 1982 through 23 December 1983. (Project 763094 - Continuation)

\$54,965.00 - Sandia Corporation, Albuquerque, New Mexico, Compact Radar Scattering Range Analysis, Department of Electrical Engineering, ElectroScience Laboratory (R. C. Rudduck), 4 January 1984 through 31 August 1984. (Project 763947 - New)

\$36,000.00 - Rockwell International, Los Angeles, California, Radar Cross Section of Aircraft/Avionics System, Department of Electrical Engineering, ElectroScience Laboratory, (L. Peters, Jr. and W. D. Burnside), 1 October 1983 through 30 September 1984. (Project 762982 - Continuation)

\$30,000.00 - Duphar V. B., Weesp, The Netherlands, Duphar-PTRI Collaborative Research, College of Pharmacy (D. T. Witiak and R. G. Rahwan), 1 January 1984 through 31 December 1984. (Project 763969 - New)

\$20,336.00 - Pioneer Hi-Bred International, Inc., Johnston, Iowa, Maize Rhabdovirus Identification and Characterization, Department of Plant Pathology - OARDC (D. T. Gordon) and Department of Entomology - OARDC (L. R. Nault), 1 January 1983 through 31 December 1984. (Project 763430 - Continuation)

\$11,200.00 - Ford Aerospace and Communications Corporation, Palo Alto, California, Design Study for a Sensitive Surface in 20 GHz/30 GHz Range, Department of Electrical Engineering, ElectroScience Laboratory (B. A. Munk), 23 November 1983 through 23 December 1983. (Project 763925 - New)

TOTAL - INDUSTRIAL AWARDS

\$ 647,114.00

Other Non-Federal Research Contracts/Grants

\$139,311.77 - American Cancer Society, Inc., New York, New York, Syngeneic Graft-vs-Host Disease in Rat Radiation Chimeras, Department of Medicine (P. J. Tutschka), 1 August 1983 through 31 December 1984. (Project 763963 - New)

March 2, 1984 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)

\$50,000.00 - Gas Research Institute, Chicago, Illinois, Limitations on the Efficiency of the Solar Photoreduction of Carbon, Department of Biochemistry (R. T. Ross), 1 January 1984 through 31 December 1984. (Project 763124 - Continuation)

\$39,357.00 - American Cancer Society, Inc., New York, New York, Immunoradiotherapy Using Boronated Monoclonal Antibody, Department of Pathology (R. F. Barth), College of Pharmacy (A. H. Soloway) and Department of Mechanical Engineering (W. E. Carey), 1 January 1984 through 30 June 1984. (Project 762960 - Continuation)

\$36,894.00 - Battelle Memorial Institute, Columbus, Ohio, Relation between Microstructure and Fracture Toughness in a High Toughness, Complex, Low Alloy Steel, Department of Metallurgical Engineering (J. P. Hirth), 1 January 1984 through 31 December 1984. (Project 763047 - Continuation)

\$30,000.00 - California Institute of Technology, Pasadena, California, Support of the NASA Propagation Studies and Measurement Program, Department of Electrical Engineering, ElectroScience Laboratory (C. A. Levis and E. K. Damon), 1 January 1984 through 31 March 1984. (Project 763692 - Continuation)

\$28,719.00 - Southeastern Ohio Technical Education Consortium, Nelsonville, Ohio, Cooperative Agreement between the Southeastern Ohio Technical Education Consortium and The Ohio State University Research Foundation, Cooperative Extension - State Operations (C. J. Cunningham) and Cooperative Extension - Field Operations (L. G. Sanford and D. P. Miller), 1 September 1983 through 30 June 1984. (Project 763318 - Continuation)

\$21,418.00 - Singapore Government, Singapore, Colombo Plan Staff College Review, The National Center for Research in Vocational Education (R. E. Taylor), 1 October 1983 through 31 March 1984. (Project 763860 - Continuation)

\$21,294.00 - University of New Hampshire, Durham, New Hampshire, Screening Experimental Iodine Water Purification Compounds, Department of Civil Engineering (A. J. Rubin), 12 October 1983 through 24 August 1985. (Project 763948 - New)

\$20,000.00 - Metropolitan Life Foundation, New York, New York, Managing Your Health, School of Health, Physical Education and Recreation (M. S. Chen) and University Health Service (D. I. Charles), 1 January 1984 through 30 June 1985. (Project 763943 - New)

March 2, 1984 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)

\$19,710.00 - Southern Education Foundation, Atlanta, Georgia, Determinants of Black Students Participation in and Completion of Doctoral Degree Programs: Environmental and Organizational Influences, Department of Black Studies (J. N. Upton) and Graduate School - Administration (A. S. Pruitt), 2 January 1984 through 1 November 1984. (Project 763966 - New)

\$15,000.00 - American Federation for Aging Research, New York, New York, Crystal Analysis of Mineral Deposits in Senile Aortic Stenosis, Department of Medicine (P. K. Fulkerson) and College of Dentistry - Administration (D. W. Foreman), 1 January 1984 through 31 December 1984. (Project 763942 - New)

\$12,845.00 - Cleveland Public Schools, Cleveland, Ohio, Redesign of Cleveland's Technical-Vocational Education Program: Phase I--Review of Materials, The National Center for Research in Vocational Education (R. E. Taylor), 1 December 1983 through 29 February 1984. (Project 763962 - New)

\$12,250.00 - University of Pittsburgh, Pittsburgh, Pennsylvania, NSABP Colo-Rectal Protocols, Cancer Research Center and Department of Surgery (W. B. Farrar) and Department of Medicine (J. A. Neidhart), 1 February 1983 through 31 January 1984. (Project 763581 - Continuation)

\$10,000.00 - Deafness Research Foundation, New York, New York, A Clinically Feasible Method for Determining Frequency Selectivity in a Clinical Population, Department of Otolaryngology (W. Melnick), 1 January 1984 through 31 December 1984. (Project 763940 - New)

\$8,392.00 - Battelle Memorial Institute, Columbus, Ohio, Experimental and Analytical Studies of the Thermal Aspects of Deep Geological Disposal of Commercial Nuclear Wastes, Department of Mechanical Engineering (R. N. Christensen), 1 November 1983 through 31 January 1984. (Project 761731 - Continuation)

\$4,000.00 - Peralta Community College, Oakland, California and Caldwell Community College and Technical Institute, Hudson, North Carolina, National Alliance of Postsecondary Education Institutions/Districts, The National Center for Research in Vocational Education (R. E. Taylor), 1 July 1983 through 30 June 1984. (Project 763548 - Continuation)

\$4,000.00 - University of Pittsburgh, Pittsburgh, Pennsylvania, The Treatment of Primary Breast Cancer, Cancer Research Center and Department of Surgery (W. B. Farrar) and Department of Medicine (J. A. Neidhart), 1 July 1983 through 31 January 1984. (Project 763659 - Continuation)

March 2, 1984 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)

\$3,120.00 - United Cerebral Palsy of Columbus and Franklin County, Inc., Columbus, Ohio, Provision of Nutrition and Dietetic Services to United Cerebral Palsy of Columbus and Franklin County by Nisonger Center Nutrition Students, Nisonger Center for Mental Retardation (B. W. Kozlowski), 1 January 1984 through 30 June 1984. (Project 763964 - New)

\$1,830.00 - Hospital, Institution, and Educational Food Service Society, Hillside, Illinois, The Professional Competence Development of Food Managers, Department of Educational Theory and Practice (A. G. D'Costa), 10 January 1984 through 30 June 1984. (Project 763661 - Continuation)

\$750.00 - Greater Columbus Arts Council, Columbus, Ohio, The Spiritual: A History and Performance, Department of English (M. E. Rucker), 1 January 1984 through 30 April 1984. (Project 763959 - New)

TOTAL - OTHER NON-FEDERAL AWARDS \$ 478,890.77

ENGINEERING EXPERIMENT STATION

Industrial and Other Sponsored Research and Development

\$37,482.00 - Copeland Corporation, Sidney, Ohio, "Discharge Pulsations: Analysis and Control for Reduced Noise and Vibration", Department of Mechanical Engineering, 1 January 1984 through 31 December 1984. (529646)

\$28,880.00 - Bell Laboratories, Naperville, Illinois, "Laboratory Integrated Systems Research", Department of Computer and Information Science, 24 January 1984 through 23 August 1984. (529648)

\$15,016.00 - Lawrence Livermore National Laboratory, Livermore, California, "An Experimental Study of Heat-Transfer Efficiency in Arc-Spot and Laser-Spot Weldments", Department of Welding Engineering, 20 January 1984 through 30 September 1984. (529647)

\$15,000.00 - The Ohio State University Office of Physical Facilities, Columbus, Ohio, "Study of Energy Conservation for University Buildings--Program 4244", Department of Mechanical Engineering, 1 January 1984 through 30 April 1984. (529008)

\$14,600.00 - Reuter-Stokes Inc., Cleveland, Ohio, "Feasibility of Using In-Core Neutron Detectors for Coolant Level Sensing", Nuclear Engineering Program, 10 January 1984 through 10 April 1984. (529645)

TOTAL - INDUSTRIAL AND OTHER SPONSORED RESEARCH \$ 110,978.00

March 2, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Establishment of Named Funds

Robert H. Edgerley Environmental Toxicology Fund

The Robert H. Edgerley Environmental Toxicology Fund was established March 2, 1984, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Robert H. Edgerley.

Gifts to this fund are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used in support of graduate students in the College of Biological Sciences who are conducting thesis or dissertation research in environmental toxicology.

Awards will be made annually to one or more students upon the approval of the Dean of the College, based upon the recommendation of a committee composed of a graduate faculty member, with environmental experience, from each of the Departments of Entomology, Microbiology and Zoology and from the Environmental Biology Program. Awards are to provide stipends, supplies, equipment or travel at the discretion of the committee. The committee is to strive for an equitable pattern of allocations among the departments and the program.

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 biological sciences education and research.

A. Allen Holmes Scholarship Fund

The A. Allen Holmes Scholarship Fund was established March 2, 1984, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from the estate of A. Allen Holmes.

This gift is to be invested in the University's Permanent Endowment Fund under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used for scholarships in the College of Law. In accordance with the terms of the estate, the principal of this fund may be used for scholarships in the College of Law. The dean of the College of Law will recommend when the principal may be used.

March 2, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

A. Allen Holmes Scholarship Fund (contd)

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 legal education.

Grace Wolfe Kenson Lahm Student Loan Fund

The Grace Wolfe Kenson Lahm Student Loan Fund was established March 2, 1984, by the Board of Trustees of The Ohio State University with a gift from Donald J. Lett, J.D. '49, in honor of Mrs. Grace Wolfe Kenson Lahm.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used for student loans for students attending The Ohio State University at Mansfield.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the entire fund shall be added to the Harold and Georgina Lett Fund at Ohio State Law School for award of the income to that student most dedicated to civil liberty under our constitution.

Broward County, Florida Alumni Scholarship Fund

The Broward County, Florida Alumni Scholarship Fund was established March 2, 1984, by the Board of Trustees of The Ohio State University with gifts from alumni and friends of Broward County to The Ohio State University Development 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 the occasion dictates.

The annual income is to be used to provide one or more scholarships for undergraduate students from Broward County, Florida enrolled in The Ohio State University. The selection of the recipient(s) is to be made by the University Committee on Student Financial Aids upon recommendation of a selection committee from the Broward County, Florida Alumni Club. If there is no eligible candidate(s) for the scholarship, then the earnings are to be accumulated and awarded as appropriate at a future date.

March 2, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Broward County, Florida Alumni Scholarship Fund (contd)

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 scholarships and student financial aids.

Harry and Carl Sonkin Memorial Award
for Peace and International Understanding

The Harry and Carl Sonkin Memorial Award for Peace and International Understanding was established March 2, 1984, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from public subscription and the friends and families of Harry and Carl Sonkin.

All gifts are to be invested in the University's Permanent Endowment Fund under the rules and regulations adopted by the Board of Trustees of The Ohio State University with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide one or more scholarships for deserving graduate or senior undergraduate student(s) whose academic achievements and field of study may contribute to the pursuit of peace and international understanding. Selection of the recipient(s) is to be made by the Director of the University Center for International Studies in cooperation with the Dean of the College of Humanities and the Director of the Melton Center for Jewish Studies.

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 purposes 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 academic programs in international studies.

Chester I. Randles Graduate Studies
Scholarship Fund in Microbiology

The Chester I. Randles Graduate Studies Scholarship Fund in Microbiology was established March 2, 1984, 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 Department of Microbiology and 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 right to invest and reinvest as occasion dictates.

March 2, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Chester I. Randles Graduate Studies
Scholarship Fund in Microbiology (contd)

The annual income is to be used for support of worthy graduate students during the final year of their Ph.D. program in the Department of Microbiology in the College of Biological Sciences. The Chairman of the Department of Microbiology is authorized to utilize a portion or all of the available interest of the endowment and will have sole authority to authorize expenditures from the Fund, as approved by the Dean of the College of Biological Sciences. The principal amount of the endowment is not to be used.

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 Microbiology's teaching, research and service.

University Hospitals Endowment Fund

The University Hospitals Endowment Fund was established March 2, 1984, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from grateful patients and friends of University Hospitals as recommended by the Hospital Board.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations 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/or principal is to be used to support various programs of the University Hospitals including those activities pertaining to patient care, teaching and research as determined by the Executive Director of the University Hospitals and the Vice President for Health Services and Dean of the College of Medicine.

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 recommended by the Hospital Board to the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for University Hospitals.

Change in Name of Fund

Hamilton, Kramer, Myers and Cheek Law Firm Fund

The Hamilton and Kramer Law Firm Fund was established February 2, 1962, by a gift through the Development Fund from the law offices of Hamilton and Kramer. The name was changed to the Hamilton, Kramer, Myers and Cheek Law Firm Fund, March 2, 1984. The principal and any additional contributions

March 2, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Change in Name of Fund (contd)

Hamilton, Kramer, Myers and Cheek Law Firm Fund (contd)

are to be invested under rules and regulations adopted by the Board of Trustees of The Ohio State University, with right to invest and reinvest as occasion dictates.

The income shall be used for aid and assistance to deserving law students as determined by the Dean of the College of Law.

Change in Description of Named Funds

The Partners and Employees of Price Waterhouse Endowment Fund

The Partners and Employees of Price Waterhouse Endowment Fund was established December 15, 1976, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University from alumni and friends on the staff of Price Waterhouse and the Price Waterhouse Foundation.

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 may be used for financial assistance to undergraduate and graduate accounting students, for continuing education of its faculty members, for research programs undertaken by faculty members, for the recruitment of new faculty members and for purposes deemed appropriate to the Academic Faculty of Accounting. Requests for expenditures of funds will be initiated by the chairman of the Department and approved by the dean of the College of Administrative Science and the partner-in-charge at Price Waterhouse, Columbus, Ohio.

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 designated by the partner-in-charge of Price Waterhouse, Columbus, Ohio, or, if no such person exists or the fund ceases to be active, 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 accounting education.

Biological Environmental Research Fund

The Biological Environmental Research Fund was established May 7, 1982, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Columbia Gas of Ohio.

March 2, 1984 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)

Biological Environmental Research Fund (contd)

Gifts to this fund are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used for support of biological environmental research to be conducted by faculty in the College of Biological Sciences at the Neotoma preserve, Hocking County, Ohio. The Dean of the College of Biological Sciences will have sole authority to approve expenditures from the fund.

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 biological sciences education and research.

Biological Sciences Student Activities Fund

The Biological Sciences Student Activities 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 alumni and friends of the College of Biological Sciences.

Gifts to this fund are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used for support of activities of students in the College of Biological Sciences. The Dean of the College of Biological Sciences will have sole authority to approve expenditures from the fund.

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 biological sciences education and research.

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March 2, 1984 meeting, Board of Trustees

EMPLOYMENT OF ARCHITECT/ENGINEER AND
REQUEST FOR CONSTRUCTION BIDS
UNIVERSITY AIRPORT RENOVATIONS, FISCAL YEAR 1984

Resolution No. 84-95

Synopsis: Authorization to employ an architectural firm and request construction bids is proposed.

WHEREAS The Ohio State University has obtained a grant from the Federal Aviation Administration to provide ninety per cent funding for Airport renovation work consisting of widening and overlaying taxiway B, relocating the threshold of runway 23, and relocating the Airport boundary security fence; and

WHEREAS the remaining ten per cent of this project will be funded from University funds, for a total project cost of \$324,798:

NOW THEREFORE

BE IT RESOLVED, That the Vice President for Business and Finance be authorized to select a qualified engineering firm for this project in conjunction with the Department of Administrative Services and that the fees for this engineering service be negotiated between the firm selected and the Department of Administrative Services, Division of Public Works; and

BE IT FURTHER RESOLVED, That the Vice President for Business and Finance be authorized to request construction bids on this project in accordance with established University procedures, and if satisfactory bids are received to recommend to the Department of Administrative Services, Division of Public Works, the award of contracts with all actions to be reported to this Board at the appropriate time.

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

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EMPLOYMENT OF ARCHITECT/ENGINEER AND
REQUEST FOR CONSTRUCTION BIDS
ENERGY CONSERVATION MODIFICATIONS - LARKINS HALL (ECM 10)

Resolution No. 84-96

Synopsis: Authorization to employ an architectural firm and request construction bids is proposed.

WHEREAS The Ohio State University has been selected by the U. S. Department of Energy to receive funding under Title III Cycle V of the Department of Energy's Federal Institutional Grants Program; and

WHEREAS the grant will provide approximately fifty per cent funding for the energy modification project for Larkins Hall with the remainder of the project being funded from University funds for a total project cost of \$275,647; and

March 2, 1984 meeting, Board of Trustees

EMPLOYMENT OF ARCHITECT/ENGINEER AND
REQUEST FOR CONSTRUCTION BIDS
ENERGY CONSERVATION MODIFICATIONS - LARKINS HALL (ECM 10) (contd)

WHEREAS this energy conservation measure will provide for system modification to air supply and return systems, piping modifications, and temperature and humidity control systems, with a payback in approximately 17 months:

NOW THEREFORE

BE IT RESOLVED, That the Vice President for Business and Finance be authorized to select a qualified engineering firm for this project in conjunction with the Department of Administrative Services and that the fees for this engineering service be negotiated between the firm selected and the Department of Administrative Services, Division of Public Works; and

BE IT FURTHER RESOLVED, That the Vice President for Business and Finance be authorized to request construction bids on this project in accordance with established University procedures, and if satisfactory bids are received, to recommend to the Department of Administrative Services, Division of Public Works, the award of contracts with all actions to be reported to this Board at the appropriate time.

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

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EMPLOYMENT OF ARCHITECT/ENGINEER AND
REQUEST FOR CONSTRUCTION BIDS
ENERGY CONSERVATION MODIFICATIONS - SCOTT HALL (ECM 12)
Resolution No. 84-97

Synopsis: Authorization to employ an architectural firm and request construction bids is proposed.

WHEREAS The Ohio State University has been selected by the U. S. Department of Energy to receive funding under Title III Cycle V of the Department of Energy's Federal Institutional Grants Program; and

WHEREAS this grant will provide approximately fifty per cent funding for the energy modification project for Scott Hall, with the remainder of the project being funded from University funds for a total project cost of \$152,174; and

WHEREAS this energy conservation measure will provide for replacement of a gas fired absorption chiller with a high efficiency electric drive chiller with a payback in approximately 17 months:

NOW THEREFORE

March 2, 1984 meeting, Board of Trustees

EMPLOYMENT OF ARCHITECT/ENGINEER AND
REQUEST FOR CONSTRUCTION BIDS
ENERGY CONSERVATION MODIFICATIONS - SCOTT HALL (ECM 12) (contd)

BE IT RESOLVED, That the Vice President for Business and Finance be authorized to select a qualified engineering firm for this project in conjunction with the Department of Administrative Services and that the fees for this engineering service be negotiated between the firm selected and the Department of Administrative Services, Division of Public Works; and

BE IT FURTHER RESOLVED, That the Vice President for Business and Finance be authorized to request construction bids on this project in accordance with established University procedures, and if satisfactory bids are received, to recommend to the Department of Administrative Services, Division of Public Works, the award of contracts with all actions to be reported to this Board at the appropriate time.

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

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EMPLOYMENT OF ARCHITECT/ENGINEER AND
REQUEST FOR CONSTRUCTION BIDS
LINCOLN AND MORRILL TOWERS
BRIDGE AND WALK REPAIRS

Resolution No. 84-98

Synopsis: Authorization to employ an architectural firm and request construction bids is proposed.

WHEREAS the bridges and walks around Lincoln and Morrill Towers have deteriorated necessitating removal and repair of some portions, repair of cracks, and correction of drainage problems, with the entire surface being coated with a liquid sealant to retard further deterioration; and

WHEREAS the project involves repairs to six bridges totaling ten spans, including walks and \$115,000 has been appropriated from Budget Account 210134 (Contract Repair) for this purpose:

NOW THEREFORE

BE IT RESOLVED, That the Vice President for Business and Finance be authorized to select a qualified engineering firm for this project in conjunction with the Department of Administrative Services, and that the fees for this engineering service be negotiated between the firm selected and the Department of Administrative Services, Division of Public Works; and

March 2, 1984 meeting, Board of Trustees

EMPLOYMENT OF ARCHITECT/ENGINEER AND
REQUEST FOR CONSTRUCTION BIDS
LINCOLN AND MORRILL TOWERS
BRIDGE AND WALK REPAIRS (contd)

BE IT FURTHER RESOLVED, That the Vice President for Business and Finance be authorized to proceed to request construction bids on this project in accordance with established University procedures, and if satisfactory bids are received, to recommend to the Department of Administrative Services, Division of Public Works, the award of contracts with all actions to be reported to this Board at the appropriate time.

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

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PLANS AND SPECIFICATIONS

Resolution No. 84-99

Synopsis: Approval of plans and specifications for the following projects is proposed.

WHEREAS at the request of the Vice President for Business and Finance, the President recommended that the Board of Trustees approve the plans and specifications, bills of materials, and estimates of cost for the following projects:

CAMPUS ENTRANCE RENOVATION
12TH AVENUE AND HIGH STREET AND
WOODRUFF AVENUE AND HIGH STREET

Project: Provide paving and construction of limestone entrance wall panels with the University logo to enhance the identification of these areas as entrances to the Campus.

Funding: B/A 210134 (Contract Repair)

Estimated Project Cost: \$120,000.00

TWELFTH AVENUE - REPAIR AND RESURFACE
NEIL AVENUE TO HIGH STREET

Project: Plane off existing surface, excavate and patch areas which are badly deteriorated, install new curbs where needed and resurface with asphalt overlay.

Funding: B/A 210134 (Contract Repair)

Estimated Project Cost: \$85,000.00

March 2, 1984 meeting, Board of Trustees

PLANS AND SPECIFICATIONS (contd)

CAMPUS PLANTING

Project: Services including labor, plant materials, equipment and material necessary to provide planting around Kottman Hall, Page Hall, the Ohio Union, and along Woody Hayes Drive.

Fundings: B/A 210134 (Contract Repair)

Estimated Project Cost: \$71,000.00

NOW THEREFORE

BE IT RESOLVED, That the plans and specifications, bills of materials, and estimates of cost for the projects listed above be approved and that the President and/or Vice President for Business and Finance be authorized to sign the plans and specifications for these projects and, in accordance with established University procedures, to request bids and, if satisfactory bids are received, to recommend to the Department of Administrative Services, Division of Public Works, the award of necessary contracts; and

BE IT FURTHER RESOLVED, That this action be reported to the Board at a later meeting.

Upon motion of Mr. Berry, seconded by Mr. Hilliker, 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. 84-100

Synopsis: Contracts have been awarded for the projects listed below to the lowest and best bidders in accordance with University procedures.

WHEREAS resolutions adopted by the Board of Trustees at previous meetings authorized the President and/or Vice President for Business and Finance to sign the plans and specifications and, in accordance with established University procedures, to request bids and, if satisfactory bids were received, to recommend to the Department of Administrative Services, Division of Public Works, the award of contracts for the following projects:

SAWTOOTH REPLACEMENT - PHASE II

Description: Construction of a modern facility to replace the demolished "Sawtooth" portion of McPherson Chemistry Laboratories, including equipment and machinery, providing classrooms, laboratories, and offices. The estimated completion date is March, 1986.

March 2, 1984 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

SAWTOOTH REPLACEMENT - PHASE II (contd)

General Contract

Date Received:	January 17, 1984
No. of Bids:	12
Low Bid:	\$ 6,252,000.00*
High Bid:	\$ 7,161,000.00*
Estimate of Cost:	\$ 7,305,758.00*
Awarded to:	Massaro Corp., Pittsburgh, Pennsylvania

Plumbing Contract

Date Received:	January 10, 1984
No. of Bids:	5
Low Bid:	\$ 687,500.00*
High Bid:	\$ 1,107,563.00*
Estimate of Cost:	\$ 959,680.00*
Awarded to:	Julian Speer, Columbus, Ohio

Fire Protection Contract

Date Received:	January 10, 1984
No. of Bids:	5
Low Bid:	\$ 132,650.00*
High Bid:	\$ 174,878.00*
Estimate of Cost:	\$ 465,137.00*
Awarded to:	Grunau Fire Protection, Cincinnati, Ohio

*Recommended alternates reflected in these figures.

March 2, 1984 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

SAWTOOTH REPLACEMENT - PHASE II (contd)

HVAC Contract

Date Received:	January 10, 1984
No. of Bids:	7
Low Bid:	\$ 2,639,730.00*
High Bid:	\$ 2,953,900.00*
Estimate of Cost:	\$ 3,984,900.00*
Awarded to:	Sauer Mechanical, Columbus, Ohio

Electrical Contract

Date Received:	January 10, 1984
No. of Bids:	11
Low Bid:	\$ 738,483.00*
High Bid:	\$ 1,331,018.00*
Estimate of Cost:	\$ 1,745,500.00*
Awarded to:	Seco Electric, Columbus, Ohio

Total All Contracts: \$10,450,363.00*

Total Contingency Allowance: \$ 1,049,541.30 (which is 10 per cent of construction costs)

Total Project Cost: \$15,574,809.00*

Funding: Am. Sub. H.B. 552

*Recommended alternates reflected in these figures.

ENERGY MODIFICATIONS - LAUNDRY BUILDING (ECM 9)

Description: This energy conservation project provides for the installation of heat recovery coils in the boiler stacks at the Laundry, which lowers the temperatures in the existing stacks, thus prolonging the life cycle usage while providing a source of recoverable heat to be utilized in preheating domestic water requirements at the Laundry units with a payback in approximately two years and nine months. The estimated completion date is December, 1984.

March 2, 1984 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

ENERGY MODIFICATIONS - LAUNDRY BUILDING (ECM 9) (contd)

Mechanical Contract

Date Received:	January 20, 1984
No. of Bids:	4
Low Bid:	\$47,010.00*
High Bid:	\$55,500.00*
Estimate of Cost:	\$52,700.00*
Awarded to:	Progress Mechanical Corp., Lancaster, Ohio
Total All Contracts:	\$47,010.00*
Total Contingency Allowance:	\$ 7,425.16 (which is 16 per cent of construction costs)
Total Project Cost:	\$63,043.00*
Funding:	University Funds Account 885918 (\$35,868) and Federal Grant (\$27,175)

*Recommended alternate reflected in these figures.

NOW THEREFORE

BE IT RESOLVED, That pursuant to the actions previously authorized by the Board, the award of contracts and the establishment of project funds and contingency funds for the projects listed above are hereby approved.

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

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REPORT ON THE SALE OF SOUTH CAMPUS PROPERTIES

Resolution No. 84-101

Synopsis: Report on the sale of six South Campus properties is presented.

WHEREAS The Ohio State University owns six properties in the South Campus area, located at 85, 137, and 167 West Tenth Avenue, 138 and 176 West Ninth Avenue, and 1556-1558 Hunter Avenue, all of which properties are titled in the State of Ohio for the use of the University; and

March 2, 1984 meeting, Board of Trustees

REPORT ON THE SALE OF SOUTH CAMPUS PROPERTIES (contd)

WHEREAS these properties are outside the official campus master plan acquisition boundary and are not needed for the educational or support requirements of the University; and

WHEREAS Amended House Bill 721 of 114th General Assembly authorized the Department of Administrative Services, on behalf of the University, to sell these six properties by competitive bidding to the highest acceptable bidder at not less than the appraised value, with the net proceeds of the sale being paid to the University's General Fund for the purpose of purchasing other real property within the official campus master plan acquisition boundary required by the University in support of the University's teaching and research programs; and

WHEREAS the Department of Administrative Services secured appraisals, offered these properties for sale, and on December 2, 1983, received the following high bids:

85 West Tenth Avenue and 1556-1558 Hunter Avenue

Appraised value:	\$51,000.00
High bid:	\$60,100.00 (Dr. Larry D. Snyder)

137 West Tenth Avenue

Appraised value:	\$15,000.00
High bid:	\$16,200.00 (Inn-Town Homes)

167 West Tenth Avenue

Appraised value:	\$46,000.00
High bid:	\$50,100.00 (Inn-Town Homes)

138 West Ninth Avenue

Appraised value:	\$39,500.00
High bid:	\$40,100.00 (Richard L. Snyder)

176 West Ninth Avenue

Appraised value:	\$42,500.00
High bid:	\$43,100.00 (Dr. Larry D. Snyder)

WHEREAS upon recommendation by the University, the Department of Administrative Services has accepted these bids and is proceeding to finalize the sale of these properties to the high bidders identified above and upon completion of these sales will pay to the University the net proceeds received from the sale:

NOW THEREFORE

March 2, 1984 meeting, Board of Trustees

REPORT ON THE SALE OF SOUTH CAMPUS PROPERTIES (contd)

BE IT RESOLVED, That this report on the sale of these six South Campus properties be received and accepted by this Board.

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

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LEASE AND DEVELOPMENT OF LAND
INTERSECTION OF OLENTANGY RIVER ROAD AND ACKERMAN ROAD
Resolution No. 84-102

Synopsis: Lease for the development of 2.8 acres of University land at the intersection of Olentangy River Road and Ackerman Road is proposed.

WHEREAS The Ohio State University owns a 2.8 acre parcel of undeveloped land located at the northwest corner of the intersection of Olentangy River Road and Ackerman Road; and

WHEREAS the University has solicited competitive proposals for the development of this land; and

WHEREAS the University, based on the proposals received, is negotiating a lease agreement with Red Roof Inns, Inc., under which Red Roof Inns will lease this parcel of land and develop, construct, and operate a motel; and

WHEREAS the appropriate University offices are in agreement as to the desirability of leasing this parcel of land for this purpose:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Finance be authorized to negotiate the terms of the proposed lease with Red Roofs Inns, Inc., and to request the Department of Administrative Services, on behalf of the University, develop and execute the necessary legal instruments for this lease.

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

--0--

PROCLAMATION - "SING OHIO'S PRAISE WEEK"
Resolution No. 84-103

WHEREAS The Ohio State University is recognized nationally and internationally for the strength of its academic programs and attracts some of the nation's top scholars; and

March 2, 1984 meeting, Board of Trustees

PROCLAMATION - "SING OHIO'S PRAISE WEEK" (contd)

WHEREAS students and faculty at The Ohio State University are not always familiar with the breadth of this strength, especially in areas outside their academic disciplines; and

WHEREAS "Sing Ohio's Praise" is a campaign designed and sponsored by Ohio Stater's, Inc., a student-faculty service organization, to promote and encourage greater awareness of academic excellence at The Ohio State University;

NOW THEREFORE

BE IT RESOLVED, That the Board of Trustees of The Ohio State University hereby proclaims the week of March 4 through 11, 1984, as "Sing Ohio's Praise Week" at The Ohio State University.

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

--0--

COMMENDATION FOR FAYE S. SMITH

Resolution No. 84-104

WHEREAS Mrs. Faye S. Smith has worked at The Ohio State University for twenty-six years, and has been employed in the administrative office of the Board of Trustees since 1960; and

WHEREAS during this time she has played a major role in coordinating and preparing agenda materials for Board meetings, recording official proceedings of the meetings, updating and publishing the Bylaws of the Board of Trustees and the Rules of the University Faculty, and other functions involving the records, responsibilities, and day-to-day administration of the Board office; and

WHEREAS Mrs. Smith has worked for three Secretaries of the Board and her tenure at the University has overlapped the terms of three Presidents; and

WHEREAS her knowledge of the history of The Ohio State University during the last quarter century and beyond is rivaled by few persons, and her devotion to accuracy, thoroughness, and the highest standards of quality has been consistently demonstrated in every function she has performed; and

WHEREAS Mrs. Smith has indicated her desire to retire on March 30, 1984:

NOW THEREFORE

BE IT RESOLVED, That this Board expresses to Faye S. Smith its deep appreciation and gratitude for these many years of extraordinary service to the University and the Board of Trustees, and conveys to her its very best wishes for health and happiness in the years ahead.

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

--0--

March 2, 1984 meeting, Board of Trustees

REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 84-105

RESOLVED, That the report on the University's Investment Portfolio, dated February 17, 1984, 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, April 6, 1984, at The Ohio State University Mansfield Campus, Mansfield, Ohio, at 10:30 a.m.

Attest:

Madison H. Scott
Secretary

John D. Jacob, D.D.S.
Chairman

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APPENDIX III

Degrees Conferred at

THE OHIO STATE UNIVERSITY
COMMENCEMENT CONVOCATION

March 16, 1984

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Commencement Speaker

Robert C. Good

Doctor of Humane Letters

Robert C. Good, president of Denison University in Granville, has combined an academic career with untiring service to his country. Good will leave the presidency of Denison this spring after seven years in the position. Robert Good was born in 1924 in Mount Vernon, N.Y. He received a bachelor of arts degree from Haverford College, a bachelor of divinity degree from Yale University Divinity School, and a Ph.D. in international relations from Yale. He is a member of Phi Beta Kappa. His academic service began in 1953 with teaching duties in international relations at the University of Denver. From 1958 through 1961, he was affiliated with the Washington Center of Foreign Policy Research at Johns Hopkins University and later was director of the Carnegie Endowment Seminar in Diplomacy in Washington, D.C. Dr. Good was director of President-elect Kennedy's Task Force on Africa in 1960, and in 1961 was appointed director of the Office of Research and Analysis for Africa at the Department of State. He received the Department of State's Superior Honor Award in 1964. He served as U.S. Ambassador to Zambia from 1965-1969. In 1970 he returned to the University of Denver to become dean of the Graduate School of International Studies and director of the Social Science Foundation. He assumed the presidency of Denison University on September 1, 1976. Dr. Good's professional service and personal strength have inspired his students, his colleagues, and his nation. The University is honored to recognize his achievements.

Recipients of Honors

Fred Machetanz

Doctor of Humane Letters

After Fred Machetanz received his master of fine arts degree from Ohio State in 1935, he was given a six-week trip to Alaska to visit his uncle's rural trading post. His experiences on that journey inspired his life's work: portrayal of images of Alaskan life and wildlife through paintings, lithographs, illustrations and writings. His work provides an immeasurably valuable historical and artistic record of his adopted state. Machetanz is known as the "dean of Alaskan painters." He was elected to the Alaska Hall of Fame in 1966 and was named "Alaskan of the Year" in 1977. In 1981, American Artist magazine named him "Artist of the Year." He has illustrated a dozen books, several of which he wrote. He has been featured in one-man shows in Alaska, Seattle, St. Louis, and London and his work is included in permanent exhibits in Alaska, Canada, Washington, D.C., and the Explorer's Club of New York. He has completed four film productions and created a series of 50 stone lithographs from 1946 to 1980. Machetanz was born in 1908 in Kenton, Ohio. He earned a bachelor's degree from Ohio State in 1930 and the master of fine arts in 1935. He later studied at the Chicago Art Institute. After working as an illustrator for Charles Scribner's Sons in New York City, he served in World War II as a lieutenant commander of intelligence in the North Pacific Command. The University is proud to acknowledge the contributions this distinguished alumnus has made to the art and culture of a state and a nation.

The Graduate School

Dean: Jules B. LaPidus

Doctor of Musical Arts

Susan Jeanne Woodard, Garden City, N.Y.; B.A. (Adelphi University); M.M. Music;
Dr. Richard Tetley-Kardos

Doctor of Philosophy

Mohammad Rajab Al-Jaberl, Jordan; B.S. (American University of Beirut); M.A.; Education
Dr. Jack R. Fymer

James Anthony Arnett, Westerville, B.S. (Otterbein College); M.A.; Psychology;
Dr. W. Bruce Walsh

William Eugene Ayen, Colorado Springs, Colo.; B.S. (University of Wisconsin at Platteville); M.S. (University of Missouri at Rolla); Computer and Information Science;
Dr. Sandra A. Mamrak

Efadil Abdelrahman Babiker, Alkurow, Karema, Sudan; B.S. (University of Kartoum); M.S. (University of The West Indies); Agronomy;
Dr. Paul R. Henderlong

Cynthia Ann Beach, Toledo; B.A. (Wittenberg University); Pharmacology;
Dr. Nicholas Gerber

Diane Dewhurst Belcher, Columbus; B.A. (George Washington University) M.A.; English;
Dr. Richard D. Altick

Emyrtle Hayes Bennett, Jefferson; B.S., M.A.; Education
Dr. James V. Wigfil

Richard G. Bertley, Kent; B.S. (Western Michigan University); M.A. (University of Michigan); Education;
Dr. E. Keith Blankenbaker

Sarah Till Boysen, Sandusky; B.S.; M.S. (University of Oklahoma at Norman); Psychology
Dr. David Hothersall

Claire Ann Cajacob, Toledo; B.S. (John Carroll University); Chemistry;
Dr. Perry A. Frey

Paul Edward Carlson, Victoria, Tex.; B.A. (Bethel College); M.Ed., Ed.D. (University of Massachusetts); Education;
Dr. Thomas M. Stephens

Michael Vaughn Carter, Huntington, W.Va.; B.A., M.A. (Marshall University); Agricultural Economics and Rural Sociology;
Dr. Ted L. Napier

Yueh-Chi Chang, Taipei, Taiwan, R.O.C.; B.S. (National Taiwan University); M.S.; Electrical Engineering;
Dr. Roger C. Rudduck

Li-Hui Chen, Taichung, Taiwan, R.O.C.; B.S. (National Tsing Hua University); Metallurgical Engineering;
Dr. David A. Rigney

Usha Abrol Chowdhary, Delhi, India; B.S. (Lady Irwin College); M.S. (Faculty of Home Science); Home Economics;
Dr. Lois E. Dickey

Paul Chi-Keung Chung, Taipei, Taiwan, R.O.C.; B.S. (Tankaung University); M.S. (Florida Institute of Technology); M.S.; Metallurgical Engineering;
Dr. Digby D. Macdonald

Robert Gregory Cuss, North Haledon, N.J.; B.A. (Boston University); Medical Microbiology and Immunology;
Dr. Norman L. Somerson

Robert Thomas Coan, Grove City; B.A., M.A.; Communication;
Dr. Keith Brooks

Roger Allen Collinsworth, New Lebanon; B.S. (University of Dayton); M.S. (Eastern Kentucky University); Sociology;
Dr. Richard J. Lundman

Moacyr Corsi, Socorro, S.P., Brazil; B.S. (Esc. Sup. Agr. Luiz Queiroz); M.S.; Agronomy;
Dr. Robert W. Van Keuren

Michael Bruce Crisler, Batavia, Ill.; B.S. (Georgia Institute of Technology); Physics;
Dr. Thomas A. Romanowski

Endwell Obene Daso, Buguma, Rivers State, Nigeria; B.S. (University of Minnesota); M.S. (The Pennsylvania State University); Aeronautical and Astronautical Engineering;
Dr. Stuart L. Petrie

Arlene Holdeman DeRlenzo, Columbus; B.S. (Southern Illinois University); M.A.; Psychology;
Dr. Henry Leland

Shulin Ding, Taipei, Taiwan, R.O.C.; B.S. (National Taiwan University); Pharmacy;
Dr. Louis Maispeis

Ery Euzebio dos Anjos, Vitoria, E. Santo, Brazil; B.A. (Wilmington College) M.A. (University of Florida); Agricultural Economics and Rural Sociology;
Dr. William L. Flinn

Patricia Jane Duncan, Charlotte, N.C.; B.S. (Queens College); M.S. (North Carolina State University); Horticulture;
Dr. T. Davis Sydner

Lugard Arthur Etuk, Cross River State, Nigeria; B.S. (University of Nebraska); B.S. (Michigan Technological University); M.S., M.Ed. (Prairie View A&M University); Agricultural Education;
Dr. J. David McCracken

Timothy Alan Farmer, North Muskegon, Mich.; B.S. (Lake Superior State College); M.A.; Accounting;
Dr. Jesse F. Dillard

Bernard Thomas French, Morganfield, Ky.; B.S. (Murray State University); Physiological Chemistry;
Dr. Thomas E. Webb

Craig Gerald Harms, Neptune Beach, Fl.; B.S., B.A. (Bowling Green State University); M.B.A.; Business Administration;
Dr. Larry P. Ritzman

Joseph Stephen Hemmeter, Columbus; B.S. (Massachusetts Institute of Technology); M.S. (University of Massachusetts at Boston); Mathematics;
Dr. Eilichi Barnai

Joseph Thomas Hentges, Cannon Falls, Minn.; B.S., M.S. (College of St. Thomas); Ed.Spec. (Mankato State University); Education;
Dr. Luvern L. Cunningham

Joan Otto Hildebrand, Upper Arlington; B.S., M.A.; Psychology;
Dr. W. Bruce Walsh

Alfred Abloseh Jarrett, Austin, Tex.; A.A. (Eastern Iowa Community College); B.A., M.A. (Sangamon State University); Social Work;
Dr. Milton S. Rosner

Victor Vincent Kaminski, Cleveland; B.S. (Columbia University); Chemistry;
Dr. John S. Swenton

Mitchell M. Kanter, Sheepshead Bay, N.Y.; B.A., M.S. (Queens College); Health, Physical Education and Recreation
Dr. Robert L. Bartels

I-pleng Kao, Taipei, Taiwan, R.O.C.; B.S. (National Taiwan University); M.S.; Computer and Information Science;
Dr. Tse-yun Feng

Debra Ann Knight, Mentor; B.S., M.S.; Animal Science;
Dr. William J. Tyznik

Chaw-Hua Kung, Kaohsiung, Taiwan, R.O.C.; B.S. (Tamkang University); M.S. (Georgia Institute of Technology); Mechanical Engineering
Dr. Rajendra Singh

Jack Galen Lauderdale, Circleville; B.A. (Ohio Wesleyan University); Chemistry;
Dr. C. William McCurdy

Ted Chongpi Lee, Tainan, Taiwan, R.O.C.; B.S. (National Chiao-Tung University); M.S. (Oklahoma State University); Electrical Engineering;
Dr. David L. Moffatt

Wha-Joon Lee, Columbus; B.S. (Seoul National University); M.S. (The University of Texas at Austin); Electrical Engineering;
Dr. David E. Orin

Richard Chho Llan, Taiwan, R.O.C.; B.S., M.S. (National Chiao Tung University); M.S.; Computer and Information Science;
Dr. Ming T. Liu

David Curtis Ling, Mt. Clemens, Mich.; B.S.B.A. (Central Michigan University); M.B.A.; Business Administration;
Dr. Patric H. Hendershott

- James M. Martin**, Bowling Green, Ky.; B.S., M.S.; Horticulture;
Dr. T. Davis Sydnor
- Richard Powell McCall**, Minden, La.; B.S. [Northeast Louisiana University]; Physics;
Dr. James C. Garland
- Patricia E. McLean**, Kingston, Jamaica, West Indies; B.S., M.S. [University of the West Indies]; *Agricultural Economics and Rural Sociology*;
Dr. Donald W. Larson
- George Mitrevski**, Stoutsville, B.A. [State University of New York at Stony Brook]; M.A.; *Slavic and East European Languages and Literatures*;
Dr. Mateja Matejic
- Duane Moser**, Lakeside, Cal.; B.S. [San Diego State University]; M.A.; Accounting;
Dr. Thomas J. Burns
- Anujit Mukherjee**, Calcutta, West Bengal, India; B.S. [University of Calcutta, India]; M.S. [City University of New York]; Physics;
Dr. James R. Gaines
- Susan Swan Mura**, Bryson City, N.C.; A.A. [Brevard College]; B.A. [Duke University]; M.A.; *Communication*;
Dr. James L. Golden
- R. Daniel Murray**, Marine City, Mich.; B.S. [University of Oregon]; M.A. [Western Michigan University]; *Anthropology*;
Dr. Frank E. Poirier
- Raghunathan V. Nair**, Columbus, B.S. [University of Bombay]; M.S. [University of Akron]; *Pharmacy*;
Dr. Donald T. Witiak
- Mary Ucheburwa Igwebuoke Nduaguaba**, Oraukwu, Nigeria; B.A. [Central State University]; M.S. [University of Cincinnati]; M.S.; *Preventive Medicine*;
Dr. Richard R. Lanese
- John Arthur Nerbonne, Jr.**, Boston, Ma.; B.A. [Amherst College]; M.A. [Albert-Ludwigs Universität]; *Linguistics*;
Dr. David R. Dowty
- Wilbert Reuben Norman, Jr.**, Washington D.C.; Diploma [Deutsche Film und Fernsehakademie Berlin]; B.A., M.A.; *Interdisciplinary: Anthropology, Sociology, Photography and Cinema*;
Dr. E. Ojo Arewa
- Grace Gaeta Nunn**, Sunbury, B.S., M.A.; Education;
Dr. Sharon E. Fox
- Michael George O'Loughlin**, Grasonville, Md.; B.A. [University of Pittsburgh]; *Political Science*;
Dr. Randall B. Ripley
- Joan Leslie Oganowski**, West Middletown; B.S., M.A. [Miami University, Oxford]; *Health, Physical Education and Recreation*;
Dr. Philip Heit
- Kevin Olson**, Ashland; B.S., M.A.; *Health, Physical Education and Recreation*;
Dr. Robert L. Bartels
- Myrna Burgos Pepino**, Visca, Leyte, Philippines; B.S., M.S. [University of the Philippines]; M.S.; *Home Economics*;
Dr. Joan E. Gritzmacher
- Caroline A. Perkins**, Easthampton, Mass.; B.A. [McGill University]; M.A. [State University of New York at Buffalo]; *Classics*;
Dr. Charles L. Babcock
- Betty C. Potts**, Wilmington, N.C.; B.S., M.S.; *Agricultural Education*;
Dr. J. Robert Wambrod
- Anthony R. Pratkanis**, Portsmouth, Va.; B.S. [Eastern Menonite University]; M.A.; *Psychology*;
Dr. Anthony G. Greenwald
- Anat Rafaell**, Haifa, Israel; B.A. [Haifa University]; M.A.; *Psychology*;
Dr. Milton D. Hakei
- Robert Steven Robinson**, Murfreesville, Pa.; B.S. [Allegheny College]; *Chemistry*;
Dr. Richard L. McCreery
- Sharon Lee Rogers**, Columbus; B.A. [Capital University]; *Pharmacology*;
Dr. Nicholas S. Gerber
- Sheldon Arey Rosenstock**, Winnipeg, Manitoba, Canada; B.A. [The University of Manitoba]; M.A. [University of North Dakota]; Education;
Dr. Robert B. Sutton
- Lois Irene Rowell**, Columbus; B.A. [Pacific Union College]; M.M. [University of Southern California]; M.S. [Western Michigan University]; *Music*;
Dr. Keith E. Mixer
- Sunil Satija**, Kanpur, U.P., India; B.Tech. [Indian Institute of Technology]; M.S.; *Chemical Engineering*;
Dr. Liang Shih Fan
- Stephen W. Schondelmeyer**, Sedalia, Mo.; B.S. [University of Missouri at Kansas City]; Pharm.D. [University of Kentucky]; M.A.; *Pharmacy*;
Dr. Dev. S. Pathak
- Richard Leroy Shank**, Wickliffe; B.S., M.S. *Entomology*;
Dr. William J. Collins
- Hussein A. Shoeb**, Cario, Egypt; B.S., M.S. [Cairo University]; *Medical Microbiology and Immunology*;
Dr. Bernard U. Bowman
- James Lorne Spencer**, Williamsville, N.Y.; B.A. [Canisius College]; M.A.; *Psychology*;
Dr. David Hothersall
- Mark H. Spencer**, Columbus; B.A., M.Ed. [University of Utah]; Education;
Dr. Luverin L. Cunningham
- Roy Edwin Stone**, Pasadena, Ca.; B.A. [University of Southern California]; M.A.; *Communication*;
Dr. Kathryn T. Schoen
- Paula R. Strawser**, Morgantown, W.Va.; B.S.B.A. [West Virginia University]; M.S.; *Computer and Information Science*;
Dr. David K. Hsiao
- Husna Binti Sulaiman**, Selangor, Malaysia; B.S. [Louisiana State University]; M.S.; *Home Economics*;
Dr. Fern E. Hunt
- Jin He Sung**, Seoul, Korea; B.M. [Ewha Womans University]; M.A.; *Music*;
Dr. Jerry E. Lowder
- Kazuhiro Tajima**, Steagaya-ku, Tokyo, Japan; B.S. [Keio University]; M.S.; *Electrical Engineering*;
Dr. Hsiung Hsu
- Jeffrey Crawford Thomas**, Columbus; B.A., M.A.; English;
Dr. John M. Muste
- Ann Wengler Thompson**, Oxford; B.A., M.A.; *Psychology*;
Dr. Henry Leland
- Michael William Torello, Jr.**, North Haven, Conn.; B.A. [Southern Connecticut State College]; M.A.; Education;
Dr. Martin L. Languis
- Guaracy Vieira**, Lavras, M.G. Brazil; Engenheiro Agronomo [Escola Superior De Agricultura de Lavras]; Magister Scientiae [U. Rural do Estado de Minas Gerais]; *Agricultural Economics and Rural Sociology*;
Dr. Norman Rask
- Daniel Thomas Voss**, Lebanon; B.S. [The University of Dayton]; M.S.; *Statistics*;
Dr. Douglas A. Wolfe
- Robert Mark Wagner**, Bekevue; B.S. [University of Arizona]; *Astronomy*;
Dr. Gerald H. Newsom
- Bill Weisman**, Van Nuys, Ca.; B.A. [University of California at Los Angeles]; M.A.; *Psychology*;
Dr. Henry Leland
- Gregory James Wells**, Hometown, Pa.; B.A. [Susquehanna University]; M.S.; *Chemistry*;
Dr. Leo A. Paquette
- Phyllis Delores Worthy**, Pineville, N.C.; B.S. [Johnson C. Smith University]; M.A. [The University of Michigan]; *Health, Physical Education and Recreation*;
Dr. Walter F. Erising
- Kuang-Tsai Wu**, Hsin-Chu, Taiwan, China; B.S. [National Central University]; M.S. [Tokyo University]; *Chemical Engineering*;
Dr. Robert H. Essenhugh
- Lai-Shu Chang Wu**, Taipei, Taiwan, R.O.C.; B.S. [Taipei Medical College]; M.S. [National Hsin-Hwa University]; *Pharmacy*;
Dr. Theodore D. Sokoloski
- Chihae Yang**, Seoul, Korea; B.S. [Seoul National University]; M.S.; *Chemistry*;
Dr. Devan W. Meek
- Richard Anthony Young**, Morristown, N.J.; B.A., M.B.A. [Rutgers College]; *Accounting*;
Dr. Thomas J. Burns
- José Zayas**, San Juan, Puerto Rico; B.S. [University of Puerto Rico]; *Chemistry*;
Dr. Matthew S. Platz

Yuan-Fang Zheng, Shanghai, China; B.S. (Tsinghua University); M.S., *Electrical Engineering*; *Dr. Hooshang Hemami*

Master of Accounting

Yeong Min Jang, Kwangju, Korea; B.S. (Korea University); *Accounting*

Master of Architecture

Mordechai Ilan, Columbus; B.S.A., *Architecture*

Timothy Ragon Rhode, Columbus; B.S., M.A.; *Architecture*

Ko-chiang Wang, Hsinchu, Taiwan, R.O.C.; B.S. (National Cheng-kung University); *Architecture*

Master of Arts

Marc Lawrence Acocks, Fremont; B.S. (Bowling Green State University); *Education*

Teresa Vos Avd, Dane, Wisc.; B.M.E.; *Music*

Paul Douglas Bailey, Circleville; B.A., M.A.; *Political Science*

Jentlyn Vaughn Banks, Whitehall; B.S.; *Education*

Leslie Ann Bart, Los Angeles, Calif.; B.A. (California State University at Northridge); *Psychology*

Paul S. Bernstorff, Westerville; B.A. (University of Richmond); *Health, Physical Education and Recreation*

Mary Ann Brickner, Valders, Wisc.; B.S. (University of Wisconsin at Green Bay); *Psychology*

Belinda Lea Brodke, Green Valley, Az.; B.A. (University of South Dakota); *Linguistics*

Christina Baroody Butler, Columbus; B.A. (St. Louis University); *Education*

Ayse Can, Ankara, Turkey; B.C.P. (Middle East Technical University) M.C.R.P.; *Geography*

Cathleen Marie Capodanno, Columbus; B.A.; *Communication*

Andrea Lynne Cetsler, Columbus; B.A.; *Communication*

Hsiang-Tai Cheng, Taipei, Taiwan, R.O.C.; B.S. (National Taiwan University); *Economics*

Caroline M. Clark-White, Rossford; B.S. (Ohio University); *Education*

Marianne Conroy, Youngstown; B.A.; *English*

Jennifer Long Cook, Perrysburg; B.S.; *Education*

Carol G. Damian, Upper Arlington; B.S.; *Education*

Jennie P. Dauteermann, Kuna, Idaho; B.A. (Northwest Nazarene College); *English*

Brenda Landis David, Canton; B.A. (San Francisco State College); M.Ed. (Bridgewater State College); *Education*

Craig Winston Deep, Worthington; B.S.; *Health, Physical Education and Recreation*

Beverly Benton Durlap, Ft. Walton Beach, Fla.; B.A. (University of Florida); *Education*

Barbara Carr Edwards, Grove City; B.S.; *Education*

Kent Leeds Finley, Columbus; B.A. (Vanderbilt University); *Slavic and East European Languages and Literatures*

Karen Turner Fisher, Taylors, S.C.; B.A. (University of North Carolina at Greensboro); *Communication*

Barbara Anne Gilkes, Granville; B.A. (Denison University); *Education*

Jeong Myung Gim, Seoul, South Korea; B.A. (Seoul National University); *Health, Physical Education and Recreation*

Thomas Francis Griffin, Bedford; B.S. (Morehead State University); *Education*

Alison Guest Griffith, San Antonio, Tex.; B.A. (University of Leicester); *History of Art*

Sehchang Hah, Seoul, Korea; B.A. (Seoul National University); *Psychology*

Yuan Han, Shanghai, P.R.O.C.; B.A. (Shanghai Foreign Language Institute); *East Asian Languages and Literatures*

Stanley Leman Harrell, Windsor, N.C.; B.A. (North Carolina Central University); *History*

Janet Sue Heftefinger, Athens; B.S. (Ohio University); *Education*

Carol Ebersole Henricks, Columbus; B.A.; *Ed., Art Education*

Bernie Rex Hershberger, Columbus; B.A. (Goshen College); *Psychology*

Darrell Linn Hischke, Columbus; B.S. (Iowa State University); *Psychology*

Dana Phillip Holmes, Worthington; B.A.; *Education*

Cheng yu Huang, Shanghai, P.R.O.C.; B.A. (Shanghai Foreign Language Institute); *East Asian Languages and Literatures*

Judith Patrice James, Albany, Ga.; B.S. (Albany State College); M.A.; *Journalism*

Mary Vermillion King, Gahanna; B.A. (Miami University); *Education*

John Kingsboro, Columbus; B.S. (Wittenberg University); *Education*

Kathleen P. Kinnard, Columbus; B.S. (Miami University); *Education*

Glen Steven Krupka, Franklin Park, Ill.; B.S. (Northern Illinois University); *Health, Physical Education and Recreation*

Jane W. Licata, Gonzales, La.; B.S. (University of Connecticut); *Public Administration*

Katherine Eileen Likes, Columbus; B.A.; *Public Administration*

Jeanne Marie Lilly, West Falls, N.Y.; B.A. (St. Bonaventure University); *Psychology*

Elise L. Longoree, Memphis, Tenn.; B.A. (Oakwood College); *Political Science*

Kimberly Anita Lux, Columbus; B.A. (Grove City College); *Education*

Patricia Duncan Maczka, Worthington; B.S.; *Education*

Doralina A. Martínez-Conde, Sto.go. Dominican Republic; Licenciatura (Pedro Henriquez Urena University); M.A. (Ohio University); *Romance Languages and Literature*

Eva Irene Michal, Columbus; B.A. (Kansas Wesleyan University); *Education*

Valerie Denise Webb Norton, Columbus; B.S. (Ohio University); *Education*

Frauke Palmer, Worthington; A.B. (Goucher College); *Education*

Hae Won Park, Seoul, Korea; B.A., M.A. (Ewha Womans University); *Education*

Joseph J. Parrish, Canton; B.S.; *Education*

Carla Kavon Peay, Tinton Falls, N.J.; B.A.; *Health, Physical Education and Recreation*

Cathy Thomas Peebles, Columbus; B.A.; *Philosophy*

DonnaLee Cain Phinney, Worthington; B.A. (Otterbein College); *Health, Physical Education and Recreation*

Cynthia Dillon Polles, Pickerington; B.S.; *Education*

Gary Edward Porteus, Aurora, B.S.; *Education*

Renee Primack, Palo Alto, Ca.; B.A. (University of California at Santa Cruz); *Philosophy*

Norman Michael Reed, Hamilton; B.A.; *History*

Theresa Ann Reid, Cleveland; B.A.; *English*

William L. Rittenberg, Charleston, S.C.; B.A. (University of Virginia); *Health, Physical Education and Recreation*

Salim Said, Jakarta, Indonesia; Drs. (University of Indonesia); M.A. (Ohio University); *Political Science*

Arlene Margaret Schinke, Granville; B.S. (Southwest Missouri State College) *Education*

Karen Sue Schwartz, Mt. Vernon; B.A. (Mt. Vernon Nazarene College); *Sociology*

Marla Karen Schweppe, Columbus; B.A. (University of Kansas); *Art Education*

Flora Kinkel Sealy, Columbus; B.A. (Wright State University); *English*

Suzanne Margaret Silcott, Columbus; B.A. (University of Dayton); *Education*

Basil Slynko, Brisbane, Queensland, Australia; B.Ed. (University of Queensland); *Education*

Micheline Smith, Granville; B.S.; *Education*

Margaret Lynn Sobul, University Hts.; B.A.; *Health, Physical Education and Recreation*

Susan Dawn Soderholm, Columbus; B.A. (Ohio Wesleyan University); *Journalism*

Mary Jane Spahr, Newark; B.A. (Ohio University); *English*

Stephanie Lynne Stacey, Columbiana; B.S. (University of Cincinnati); *Communication*

Jane Louise Stanga, Columbus; B.A. (University of Toledo); *Communication*

James Roosevelt Stewart, Jr., Lynchburg, Va.; B.A. (Hampton Institute); *Psychology*

Susan McGuire Stewart, Columbus; B.S.; Diploma (Mt. Carmel School of Nursing); *Health, Physical Education and Recreation*

Chun Hee Suk, Gangnam-Gu, Seoul, Korea; B.A. (Kyung Hee University); *Education*

Steven Robert Symans, Fredonia, N.Y.; B.A. (State University of New York at Fredonia); *Sociology*

Kathleen Ann Taps, Columbus; B.S.E. (St. John College of Cleveland); *Education*

John Robert Trout, Rosemont, Pa.; B.A. (Ohio Wesleyan University); *History*

Vicky Wei-Chi Tsai, Taipei, Taiwan, R.O.C.; B.A. (Soochow University); *East Asian Languages and Literatures*

Kim Allan Van DerMolen, Westerville; B.A.; *History*

Harriett Jean Wallace, Columbus; B.S.; *Education*

Roger Lee Weaver, Bexley; B.A. (Bowling Green State University); *Political Science*

Charlene F. Wilkerson, Columbus; A.B. (Youngstown State University); *Education*

Christopher James Wilson, Columbus; B.A.; *Philosophy*

Christine K. Winkelman, Cleveland; B.S.; *Health, Physical Education and Recreation*

Lee-Fung Yang, Taipei, Taiwan, R.O.C.; B.A. (Chinese Culture University); *Art Education*

Nor Amin Yusoff, Kelantan, Malaysia; B.A., Diploma (University of Malaya); *Education*

Sheila Elizabeth Zirkle, Urbana; B.A. (Bowling Green State University); *Public Administration*

Vivian Flora Zoë, East Windsor, Conn.; B.F.A. (University of Connecticut); *Art Education*

Master of Business Administration

Jane Butkiewicz, Cincinnati; B.A.C. (Bowling Green State University); *Business Administration*

Alfred DeLeon, Lancaster, B.S.; *Business Administration*

Lorene Ann Hammond, Decatur, Ill.; B.S. (Iowa State University); *Business Administration*

Donald W. Knife, Columbus; B.A. (Wright State University); *Business Administration*

Bruce Jeffrey Koppert, Danville; B.A. (College of Wooster); *Business Administration*

Randy Earl Miller, Dover; B.S.; *Business Administration*

Robert Hamilton Rush, Dayton; B.S.; *Business Administration*

Lori Diane Sarafin, Mansfield; B.S.; *Business Administration*

Frank Joseph Scida, Worthington; B.S.; *Business Administration*

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Rose Ellen Faeges, Dallas, Tex.; B.A., M.A.; *City and Regional Planning*

Musah L'armah Kromah, Monrovia, Liberia; B.A. (University of Liberia); *City and Regional Planning*

Emily Talen, Columbus; B.A. (Calvin College); *City and Regional Planning*

Sanaa Youssef Tobah, Cairo, Egypt; B.S.; *City and Regional Planning*

Master of Fine Arts

Renée Elaine Reeves, Rochester, N.Y.; B.F.A. (Rochester Institute of Technology); *Art*

Master of Labor and Human Resources

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Richard F. Cook, Xenia; B.S. (Southwest Missouri State University); *Management and Human Resources*

Delia H. Graham, Columbus; B.S.B.A. (Franklin University); *Management and Human Resources*

Daniel Thomas Koroscik, Columbus; B.S. (University of Wisconsin at Parkside); *Management and Human Resources*

Nancy M. Laitman-Ashley, Columbus; B.A.; *Management and Human Resources*

Grace W. Winslow, Columbus; B.A.; *Management and Human Resources*

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Masoumeh Mokhtari, Rasht, Iran; B.S.; *Public Administration*

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Siamanto Abrami, Isfahan, Iran; B.S.; *Chemical Engineering*

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Menachem Amir, Ramat-Gan, Israel; B.S.; *Mechanical Engineering*

Rowland Nnamudi Anaba, Imo State, Nigeria; B.S., M.S. (Alabama A&M University); *Horticulture*

Anthony Andrews, Columbus; B.A. (Cleveland State University); *Interdisciplinary: Mining Engineering, Geology and Mineralogy*

Salim Atia, B.B. Arerioj, Algeria; D.E.S. (University of Constantine); *Electrical Engineering*

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Lisa Michele Blesik, Cincinnati; B.S.; *Animal Science*

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Deborah Anne Bowen, Columbus; B.S.N.; *Nursing*

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Joseph J. Calabrese, Columbus; B.A. (State University of New York at Albany); *Physics*

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- Heleen S. McClaskie**, Columbus; *Home Economics*
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- Deborah Ann Nemunaitis**, Gates Mills; B.S. (Cleveland State University); *Allied Medical Professions*
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- Carl Wilhelm Irene Pistorius**, Pretoria, South Africa; B.S. Sc., B.Eng. (Hons.) (University of Pretoria); *Electrical Engineering*
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- Joseph Richard Sabino, Jr.**, Columbus; B.S.; *Pharmacy*
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- Rong-Chyu Sheen**, Tainan, Taiwan, R.O.C.; B.S. (Hsing-Hua University); M.S.; *Computer and Information Science*
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- Sivasankaran Srikanth**, Madurai, Tamil Nadu, India; B.S. (Madras University); *Electrical Engineering*
- Barbara Lynn Stiver**, Warren, B.S. (Westminster College); *Environmental Biology*
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- Yong-Song Tsai**, Taipei, Taiwan, R.O.C.; B.S., M.S. (National Tsing-Hua University); *Metallurgical Engineering*
- Michele Marie Turner**, Centerville; B.S.N. (Capital University); *Nursing*
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- Atchana Wongchaiuwat**, Bangkok, Thailand; B.S. (Chulalongkorn University); *Chemistry*
- Cheng-Shiang Jesse Wu**, Columbus; B.A. (National Cheng-Kung University); M.S.; *Computer and Information Science*
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- Jo Ann Chaney**, Coshocton; B.A. (Olivet Nazarene College); *Social Work*
- Diane Scott Derringer**, Pittsburgh, Pa.; B.A. (Otterbein College); *Social Work*
- Susan Marie Dindal**, Findlay; B.S. (Urbana College); *Social Work*
- Jackie Lynn Schwartz**, Columbus; B.A. (Ohio University); *Social Work*
- Suzanne Louise Walton**, Fresno; B.A. (Malone College); *Social Work*

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Salvatore Cono Onorato, Pepper Pike
Joel Hill Oster, Lima
David Roberto Ottolenghi, Worthington
George Michael Parry, West Portsmouth
Mark Charles Petrucci, Columbus
Michael E. Portman, Columbus
Briana Lynne Powers, Boardman
Robert William Price, Upper Arlington
Loan Marie Pyatt, Gahanna
Joann Elizabeth Raabe, Lakewood
Samira Maria Saïba Raffoul, Columbus
Leah L. Reibel, Columbus
Maureen Louise Reymann, Tiffin
Karen Lesley Rinehart, Marshfield, Mass.
Mark Thomas Rizzutti, Urbana
Julia LeVon Russell, Columbus
Mark Bryan Sabel, Marion
Janet Sue Schaper, Alliance
Steven Jay Schober, Akron
Ann Katherine Scott, Chagrin Fall
Anne Constance Segel, Columbus
John Robert Shine, Rumson, N.J.
Laurie Lynn Sickle, Upper Arlington
Jacquelyn Simmons, Memphis, Tenn.
Deborah Anne Sim, Worthington
Janet Louise Smith, Chardon
Michele Anne Solar, Berea
John Leslie Swearingen, Xenia
Michael Allen Taylor, West Jefferson
Deborah Denise Thompson, Columbus
Dianna J. Ulinski, Rossford
Terri Lee Vance, Columbus
James A. Vogel II, Hamilton
Jodi Ann Warne, Toledo
Andrew Keith Williams, Delaware
Cathy Jo Michelle Williams, Shiloh
Christopher Andrew Williams, Columbus
D. Tyrone Williams, Chicago, Ill.
Jeannie Wilson, Middletown
John Michael Young, Columbus

Bachelor of Science

Jodi Lynn Agosta, Lancaster
Matthew Victor Brammer, Columbus
Jane Alice Brody, Columbus
Jeffrey Alan Crain, Sandusky
Susan Clary Dunn, Columbus
Timothy Robert Dyer, Austintown
Jeffrey C. Fogg, West Carrollton
Margaret Irene Hiss, Marion
Karen L. Kafer, Columbus
Janet B. Larsen, Copley
Catherine Sue Newman, Akron
Kenneth Edward Plotkin, Shaker Heights

Bennett Jay Tepper, Lorain
Deborah Ann Valido, Dayton
Susan Frances Vilarado, Worthington
James Robert Whitcomb, Columbus

School of Journalism

Bachelor of Arts in Journalism

Juanita Nkoyem Abulokwe, River State, Nigeria
Susan Louise Brand, Upper Arlington
Pearson Wells Buell, Hinsdale, Ill.
April Waterfield Charles, Hamersville
Daniel Joseph Crawford, Warren
Joni Lynn Davis, Girard
Seana Paige Elam, Chillicothe
Deena Marie Forment, Chardon
Laura Ann Freeman, Wooster
Joseph Christopher Gantner, III, Dayton
April Jean Garrett, Columbus
Brian Harold George, Westerville
Douglas Ford Gill, Ashtabula
Lisa Marie Guanciae, Warren
Melanie Mae Haack, Old Fort
Beth Ann Harris, St. Louis, Mo.
Laura J. Hubka, Strongsville
Virginia Anne Imhoff, Columbus
Gregory Gerard Laudick, Centerville
Rodney J. Lockwood, Urbana
Lisa Christine Pearson, Brecksville
Jennifer Lorraine Provitt, Warren
Richard Lee Shrum, Newton, N.C.
Elizabeth Elen Small, Defiance
Janet Mary Sonchik, Maple Heights
Patricia Jean Winbush, Columbus

College of Administrative Science

Dean: H. Justin Davidson

Bachelor of Science in Business Administration

Patrick Stephen Adams, Portsmouth
Michelle Marie Andes, Kent
Kenneth Lloyd Annable, Oberlin
Tammy Lynn Ayers, New Carlisle
Paul Alan Ballinger, Columbus
Belinda Sue Barnes, Marysville
Robert Ray Barnes, McConnselsville
Paul K. Barrie, Worthington
Keith Amedee Bennett, Toledo
Rose Marie Bennett, Fairview Park
Kevin Robert Bergen, Tolland, Connecticut
Laurie Ellen Beveridge, Gahanna
Kevin Ray Bixler, Sandusky
Amy Elizabeth Black, Poland
David Scott Blair, Columbus
Gregg A. Blanchfield, North Royalton
Michael Anthony Blaney, Columbus
Bruce Ray Blazek, Willoughby
Sharon Renee Boggs, Parma
Robert Jeffrey Bolinger, Zanesville
John Furman Bowers, III, Columbus

Estella Eiores Brown, Columbus
 Robert Eugene Brown, Paulding
 Kevin Patrick Bruce, Columbus
 Craig Joseph Brunetto, Piqua
 Josh David Burke, Dayton
 Barbara Jean Busch, Warren
 Mark Douglas Butcher, Hudson
 Lanny Duane Byers, New Matamoras
 Brian Taylor Caine, Dayton
 Margaret Marie Camstra, Cleveland
 Joseph Paul Catalano, Butler, Pennsylvania
 Kenneth James Chesik, Youngstown
 Shu-Ru Chiang, Taichung, Taiwan Republic of
 China
 Meng Lee Chin, T. Anson, Perak
 John Gregory Chronis, Cleveland
 Kevin J. Clark, Marion, Iowa
 Robert Earl Cobb, Hamilton
 James Patrick Conley, Mansfield
 Regina L. Cooper, Wooster
 Thomas Glenn Cooper, Columbus
 Alex Basim Cotta, Cincinnati
 Delores Eileen Criner, Gahanna
 David Mason Crook, Allison Park, Pa.
 Dorrine Crowder, Cleveland
 William Ralph Cunningham, Warren
 Kelly Thomas Cusack, Columbus
 John Myron Davis, Hubbard
 Lisa Inez DeFourny, Columbus
 Elizabeth Anne DeFranco, Cleveland
 John Michael DeNiro, Youngstown
 William Gene Dennis, Northfield
 William L. Denny, Charlotte, N.C.
 Margaret S. Deye, Sylvania
 Scott Charles Dunlap, Canal Winchester
 Jon Anthony Durant, Zanesville
 Sally Ann Dygert, Dayton
 Joan Carolyn Eaton, Columbus
 Robert William Edgell, Columbus
 René Marie Eibert, Elyria
 Cynthia Ann Elliott, South Charleston
 Susan Angel Ellwood, Dover
 David Allen Eppley, Bucyrus
 Anna M. Estadt, Pittsburgh, Pa.
 Thomas E. Etzweiler, Lawrenceville, Ga.
 Brian Barnett Fagan, Worthington
 James Patrick Fallon, Hilliard
 Ann Fatinacci, Chardon
 Ronald Eric Faulk, Mansfield
 Ronald Earl Frederick, Toledo
 Neil O'Neil Freer, Shaker Heights
 Gary Evan Friedman, Lyndhurst
 Dawn Marie Fronius, Westlake
 Mark Stephen Frye, Columbus
 Ramon L. Fullen, Columbus
 Dorothy Alice Gallagher, Lancaster
 MaryAnn Therese Gallas, Youngstown
 Joseph Charles Gardner, Newark
 Sheryl Paula Gerbs, Cincinnati
 Teri Harvey Glancy, Edgewood, Md.
 Michael John Golamb, Fremont
 Shoshana Goshen, Cleveland
 Charles William Graham, Centerville
 Kelly Andrew Granger, Marion
 Ann Taylor Gridley, Dayton
 Steven E. Grove, Columbus
 Beverly Kyle Haines, Bloomingburg
 Esther S. Hall, Columbus
 Terri Lynn Hall, Columbus

Craig Allen Hamrick, Columbus
 Douglas Ford Harnum, Canton
 Karen Lee Hansen, Columbus
 Daniel Michael Hanson, Columbus
 John Jude Heeg, Columbus
 David Dean Hensel, Marion
 James Edward Heuschneider, Smithtown, N.Y.
 Kendall Lyle Hill, Newark
 James L. Hinterschied, Columbus
 Nora Aberlegg Hirvela, Alliance
 William Edward Hoban, Columbus
 James Charles Hocevár, South Euclid
 Jane Ellen Hoes, Hamilton
 Mary Agnes Hofer, Homeworth
 Darren Lowe Horst, Mansfield
 Greg John Hrabcak, Westerville
 Karen Jean Hugh, New Philadelphia
 Donna Gaye Ignac, Piney Fork
 Thomas Michael Illert, Columbus
 David Clark Jacobs, Fredericktown
 Laurie Ann Jacobson, Toledo
 Linda Ann Jacurski, North Olmsted
 Kent W. Jaquith, Columbus
 Mark Jeffrey Johnson, Geneva, Ill.
 Lisa Jo Kachurchak, Akron
 Michael Harry Kane, Ashtabula
 Stephen Anthony Kane, Columbus
 Mark Kleshinski, Mansfield
 Melissa Norris Klopstein, Worthington
 Richard Alan Knerl, Toledo
 Michael Allen Kohout, Cleveland
 Wayne Scott Kreil, Dayton
 Mary Elizabeth Krippl, Maple Heights
 Jeffrey Donald Lafferty, West Milton
 Kiran Lalwaney, Worthington
 Sharon Marie Langanke, North Canton
 Deborah Morley Larkin, Allentown, Pa.
 Jane Marie LaVerghetta, Medford, N.J.
 Anthony C. Lococo, Tallmadge
 Tamala Lynne Longaberger, Dresden
 Molly Ann Lorns, Tipp City
 Stasha Jean Lucas, Marion
 Catherine Marie Ludwig, Pickerington
 Danny Donald Male, Woodfield
 Daniel Nathan March, Columbus
 George Vincent Marek, Solon
 Lisa Marie Marquardt, Medina
 Michael Walter Martz, Milan
 Esther Rivera Matthews, Powell
 James A. Mattox, Jr., Columbus
 Scott Alan Maurer, Columbus
 Michael Kelly McCabe, Lancaster
 Jeffrey Michael McCarthy, Sandusky
 John Joseph McCarty, Columbus
 Michael John McGovern, Columbus
 Kevin Richard McKnight, Beaver, Pa.
 John Joseph Mercurio, Columbus
 Jason Jon Niles Meyers, Gahanna
 Jeffrey Scott Middleton, Marion
 Mark Joseph Miley, Ottawa
 Terry Lee Miller, Rossford
 Robert Carl Moberger, Westerville
 Jay Paul Moore, Erie, Pa.
 Steven Patrick Moore, Columbus
 John Lloyd Morrison, Columbus
 Vernon Lee Morrison, Marysville
 Joseph Robert Moss, Parma
 Larry Lee Murdock, Columbus
 Mark A. Murphy, Medina

Dennis Allen Niemeyer, Elida
 Steve Alexander Nikolovski, Newark
 Amy Lu Oliver, Chillicothe
 James Kevin Orr, Columbus
 John Edward Osborn, Austin, Tex.
 Sterling Mark Oswald, Middletown
 Kelly Elizabeth Parker, Rocky River
 Albert M. Patrick, Pepper Pike
 Mary Ann Patrick, Highland Heights
 Kim Verná Patterson, Delaware
 Jon Kevin Pettit, Columbus
 Paula Jane Phillips, Milan
 Sylvia Lynn Pickett, Warren
 Charles M. Pollak, North Canton
 Melinda Sue Pribonic, Johnstown
 Richard Charles Profusek, Broadview Heights
 Gerald F. Raasch, Jr., Waynesville
 John Christopher Rapp, Granville
 David Matthew Reddy, Lorain
 Elizabeth Marie Regaly, Columbus
 Katharine Ann Reynolds, Canal Winchester
 Richard A. Rieth, Delaware
 Michael Allen Roddy, Galena
 Kristen Daryl Romweber, Rocky River
 Gautam Roy, Calcutta, India
 Cheryl Gerette Ruda, Van Wert
 Randy William Sagar, Columbus
 Jerry Gene Sarbaugh, Zanesville
 Sandra Sue Schaefer, Bloomington
 Robert Henk Schipper, Montgomery
 Gerald Edward Schmetzer, Perry
 Richard O. Schrock, Marion
 Karen Sue Schuller, Wadsworth
 Michael K. Schulteis, Zanesville
 Karen Lynn Schutz, Hamlin, N.Y.
 Matthew Alan Scott, Worthington
 Linda Diane Sellers, Shaker Heights
 Joseph E. Shackelford, Columbus
 Susan Kim Shafer, Columbus
 Deborah Kay Shanks, Reynoldsburg
 Timothy Mark Shaver, Columbus
 Richard Michael Shisko, Highland Heights
 Thomas H. Siefert, Columbus Grove
 Brian Richard Sloan, Bellefontaine
 Mark Stephen Slutzker, Fairfield
 Susan Elaine Slutzker, Lorain
 Fred Byron Smith, Oak Hill
 Mark Douglas Smith, Medina
 Stewart Aaron Smith, Columbus
 Timothy Allan Smith, Lakewood
 Sheila McMullen Sorentino, Columbus
 Robert William Sproule, Kailua, Hawaii
 Gregory Robert Stahl, Worthington
 Jeff August Stevenson, Cincinnati
 Daniel Bryan Steward, Columbus
 Robin Rose Stillier, Akron
 Douglas Frederick Stultz, Columbus
 James George Swift, Niles
 Thomas Nikola Taneff, Pickerington
 Michael Jay Teitelbaum, Beachwood
 Jeffrey Alan Thomas, Lima
 Paul Holden Thomas, Columbus
 Michael Alan Thompson, Rayland
 Scott Allan Tillman, Columbus
 Homawati Devi Tribhuvan, Columbus
 Susan Kay Ufferman, Delaware
 David Lloyd Vance, Columbus
 Scott Kenneth Varney, Medina
 Annette Louise Verhoff, Continental

Michael John Vordenberg, Springboro
Karen Jayne Wade, Carrollton
Patrick Michael Wahlers, Marblehead
Steven Craig Waite, Columbus
Robert Michael Wakeley, Kettering
Kay D. Waldorf, Reynoldsburg
Roger Earl Ward, Columbus
Mark Leonard Weibel, Cincinnati
James Lee Whaley, Waverly
Tony Allen Whaley, Newark
Stephen A. Whipple, Delaware
Scott Allen Wieser, Elyria
Michael David Wilke, Fairfield
Jeffrey John Williams, Mansfield
Tony Ronald Wollinger, Columbus
Larry Edward Woods, Salem
Edward Wright, Columbus
Janet Alicia Wright, Akron
Joani Sue Yoakum, Marysville
Michael Patrick Zelinski, Columbus

Bachelor of Science in Labor and Human Resources

Harriett Jones Brown, Columbus
Sallie Debolt Cunningham, Granville
Mark Alan Wilder, Grove City

College of Agriculture

Dean: Max Lennon

Bachelor of Science in Agriculture

Paula Jo Azbell, Williamsport
Demba Ba, Novarchott, Maritania
Amy Lee Balduff, Huron
Betsy Belle Banner, Mt. Vernon
Bobby Royce Barrentine, Columbus
Matthew Paul Bernd, Troy
David M. Bernstein, Lyndhurst
Steven Karl Blocker, Mansfield
Paul David Bourne, Cincinnati
Robert Arthur Brown, Bloomingdale
Nicholas Joseph Bruns, Yorkshire
Jeffrey William Cain, Columbus
Eric John Campbell, Bristolville
Catherine R. Chapman, Columbus
Kathleen Dickey Cook, Ft. Worth, Texas
Michael Lynn Cook, Hicksville
Richard Alan Craig, Loudonville
Ronald Eugene Davidson, Worthington
Guy M. Dawson, Washington, C.H.
John Francis DeRan, Fremont
Douglas Bruce DiRenzo, Ashtabula
Richard Davis Dougherty, Newark
Mark Joseph Druckenbrod, Shaker Hts.
Stephen Gideon Duzy, Novelty
Sarah Hamann Easy, Chagrin Falls
David Bryan Elking, Columbus
Kathryn Elaine Fisher, Dayton
Deborah Lynn Geidenberger, Newark
Pamela Renae Gross, University Hts.
Christine Lynn Grube, Westerville
Antonio Alfredo Guzman, Caracas, Venezuela

Mark Douglas Hagen, Orrville
David Alan Hamann, Hamilton
Pamela Joy Hartman, Macungie, Pa.
Susan Kay Herringshaw, Rudolph
Edwin Arthur Jackson, Cincinnati
Eric David Keil, Huntington, NY
Jack Marshall Kieffer, McClure
Lynette Kay King, Millersport
Jeffrey Paul Koenig, New Bremen
Gregory Joseph Koerner, Edgerton
James Frederick Ladrach, Wooster
Daniel Joseph Lasky, Jr., Bedford Hts.
Rick Paul Leopold, Madison
James Wayne Marquart, Rawson
James Sheldon Mason, Mt. Sterling
Dennis Warren McDaniel, Centerville
Michael Scott McFadden, Sabina
Harry Connelly McWilliams, Bellevue
Dorothy Kay Micacchion, Gahanna
Michelle Marie Michalak, Toledo
Cheryl Lynn Miller, Delaware
Russell David Moore, Middleburg
Brenda Kay Neilley, Cambridge
Samuel Reid Ogilvie, Wilkesboro, NC
Cynthia Marie Otto, Toledo
Amy Cecel Pally, Bexley
Daniel Edward Pendergast, Columbus
Darryl Wayne Phillips, Akron
Neal Arthur Porteus, Coshocton
Robert Mark Raith, Solon
John Taylor Redick, Wooster
James Gordon Reed, Belle Center
Kathleen Anne Reilly, Columbus
Robin Michael Rettig, Napoleon
John Todd Roberts, Mechanicsburg
Michael Allan Rossfeld, Elida
David Lee Saum, Lancaster
Ronald Louis Saur, Cedarville, NJ
Rodney Eugene Schafer, Sycamore
Kathleen Ann Schiefer, Canal Winchester
Mark Steven Schleppl, Groveport
Kenneth James Schmidt, Staten Island, NY
Thomas Andrew Sedor, Galena
Tracie Ann Shippy, St. Clairsville
Andrea Marie Shymske, North Royalton
Bradley Carson Smith, Monroeville
Joseph Pius Soehnen, Navarre
Kevin James Stenger, Cincinnati
John Michael Stephenson, Bloomingdale
Mark Alan Suter, Greenville
Andrew Frank Thomas, Plain City
Joseph John Tokarsky, Solon
Cheryl Renee Triplett, Portsmouth
Lisa Marie Underwood, Medina
Albert Duane Verhoff, Continental
Margery Elizabeth Volio, Kent
Richard Eugene Waggoner, Wooster
Mark Allan Webber, Findlay
Jeffrey Dean Weeks, Pleasant Hill
Rick Ray Williams, VanWert
Kenneth Dale Wolfe, Ellington, CT
John Marshall Woodall, Youngstown
Christopher Alan Zacharias, Kettering

Bachelor of Science in Food Science

Marcia Elizabeth Hughes, Columbus

Bachelor of Science in Food Technology

Joanne Elizabeth Rice, Dayton

School of Natural Resources

Bachelor of Science in Natural Resources

Janice Marie Bamer, Akron
Donald Gaius Beam, Holmesville
Carolyn Beth Belfer, Cleveland Hts.
Carolyn Shirkey Bittner, Plain City
Roger Dale Blackburn, Columbus
Keith Leigh Brown, Galloway
Dorothy M. Cepulo, Columbus
Ruth Ann Coyne, Dayton
Gregory Duane Davis, Cincinnati
Clayton Edward Dygert, Sunbury
Sara Jane Felger, Novelty
Samuel Kevin Gast, Ripley
Richard Scott Hale, Bay Village
Becky Sue Hartland, Parma
Kyle Jay Hartman, Columbus
Michael Dennis Kinnert, Columbus
Roy Dean Klingaman, Canton
Mary Suzanne Klunk, Columbus
Martha Ann Koch, Columbus
April Calhoun Lahm, Powell
Robert Craig Murphy, Shaker Heights
Teresa Jane Murray, Wadsworth
John Eric Navarro, Worthington
Elizabeth Anne Niemiec, St. Clairsville
Andrew Thomas Pampush, Rocky River
Richard Alan Rapp, Columbus
James Philip Rinella, Hamilton
Irmgard Grueneberg Schubert, Reynoldsburg
James Patrick Seikel, Akron
Jodie L. Shafer, Marion
J. Todd Slater, Worthington
Jeffrey R. Walters, Columbus
David James Wanucha, Columbus
Lawrence Scott Wehr, Salem

Agricultural Technical Institute

Associate in Applied Science

Philip Charles Baker, Sylvania
Bradley Bobby Bixler, Alliance
Susan Ann Burgert, Worthington
Gary Allen Bursley, Wakeman
James Lewis Dregalla, Cleveland
Scott Carl Ellinger, Granville
Todd C. Frankart, Bloomville
James Dwight Frazier, Wilmington
N. Eugene Glaze, Grove City
Thomas Richard Goodman, Columbus
Joann Faith Green, West Unity
Paul Joseph Hammersmith, Cincinnati
Daniel G. Hatton, Akron
Robert George Hentz, Cincinnati
Todd William Himier, West Alexandria, Pa.
Timothy Alan Hoffman, Wellington
Victoria Ann Kazmir, Seven Hills

Donald William Kelly, Grove City
Joseph John Knoblauch, North Olmsted
Mark Anthony Krause, Sandusky
Kevin Wayne Lanius, Bryan
Adam Joseph Leimeister, Wellington
Paul William Lucas, Barberton
Timothy I. Moomaw, Wooster
Jack Dean Moore, Jr., Sebring
Walter Mason Moore, II, Mena, Ark.
Gregory Scott Morrison, Madison
Lynnette Marie Mottsinger, Sidney
Scott M. Payne, Elyria
Jay Brent Peoples, Grove City
Michael Robert Peters, Youngstown
Eric Paul Rung, New Philadelphia
Terri Lynne Thomas, Antwerp
Danny F. Tobler, Midland
David Peter Wojcik, Akron
Mark Preston Woodriddle, Mansfield

College of Dentistry

Dean: William R. Wallace

Certificate of Graduate Dental Hygienist

Deborah Denise Thompson, Columbus

College of Education

Acting Dean: Donald P. Anderson

Bachelor of Science in Education

Yahaya G. Abdullahi, Bauchi, Nigeria
Ann R. Amert, Shelby
Monika Ann Arnold, Mansfield
Elizabeth May Banks, Xenia
Beth Lynn Barber, Sabina
Kim L. Barcelona, Springfield
Craig Barnhart, Marion
Jill Ann Becker, Spencerville
Laurie Ann Belim, Westlake
Lisa Ann Berklely, Plain City
Dennis Wayne Bertsch, Columbus
Carissa Ann Bodnar, Farmington Hills, Mi.
Patrick Eugene Brown, Columbus
Timothy A.N. Burns, Doylestown
Scott Edward Bushman, Gahanna
Cheryl Ann Collins, Worthington
Elen Frances Collins, Columbus
Stanley Edward Cooke, New London
Randy Todd Coon, Toledo
Frank Dresden Copeland, Columbus
Linda Marie Corsillo, Brecksville
Eileen Anikawa Craig, Mt. Sterling
Virginia A. Davis, Gahanna
Mark Alan Dawley, Gahanna
Patricia Sue Deardurff, Newark
Steven Edward Dickerson, Marion
David Monroe Dotson, Columbus
Beverly Jane Doyle, Grove City
Vincent Lee Ebner, Columbus
Susan Marie Eckenrode, Columbus

Abubakar Baba El-Nafaty, Bauchi, Nigeria
Craig Steven Emrich, Plain City
Rebecca J. Feldmann, Marion
Alfred T. Ferguson, Jr., Columbus
Thomas Gerard Fisher, New Lexington
Anne Noreen Flais, Alliance
James Craig Ford, Summit Station
William Lloyd Fridley, Columbus
Abdu Salama Gadam, Bauchi, Nigeria
Susan Jean Gafke, Logan
Danladi Galadima, Bauchi, Nigeria
Janice Kay Gantzler, Crestline
Victoria A. Gersbacher, Columbus
William Francis Graham, Columbus
Cathy Lynn Hall, Bucyrus
Margaret Anne Harkins, Cincinnati
Cindy M. Hawthorne, Columbus
Herbert A. Helfrich, Marysville
David Michael Hickey, Lima
Clarenda Sue Hill, Dayton
Robin S. Householder, Columbus
Linda Close Innis, Columbus
Sarah Nixon Johnston, Felicity
Lucille Anne Jordan, Worthington
Donna Drake Kaufman, Columbus
Anna Marie Koch, Bethany, Ok.
Elizabeth L. Leonard, Columbus
Michelle Elaine Lively, Columbus
Albert John MacLeod, Westerville
Shane Edward Madigan, Worthington
Brenda Lynn Manning, West Jefferson
Richard Galen McAlister, New Boston
Karen Marie McDonald, Louisville
Michael Edward Medves, Willowick
Cheryl Lynn Meyer, Columbus
Lisa Beth Miller, Bejpre
Jeffrey Samuel Milligan, Sidney
Kenneth Dean Mitchell, Gauley Bridge, W.Va.
Debra Kay Morey, Lima
Vicky Jean Moriarity, Bucyrus
Gayle Ann Mulford, Lima
Andrew Charles Musille, Mansfield
Gregory George Nice, Columbus
Jacqueline A. Oelerich, Hampton Bays, N.Y.
Jon Edward Osnowitz, Toledo
Rebecca Lyn Papesch, El Paso, Tx.
Gloria Louise Parker, Sidney
Timothy Alan Paugh, S. Charleston
Cynthia Ann Perkins, Troy
Theresa Marie Perry, Columbus
Joseph Wayne Peters, Mount Gilead
Darlene Louise Pugh, Columbus Grove
R. Bruce Purdy, Grove City
Sandra Beach Rainey, Ashville
Tamara Lynn Riffe, Massillon
Rose Ann Riggie, Cambridge
Suzanne Kathleen Roberts, Cincinnati
Lisa Gwen Robertson, Massillon
Cathy Sue Roe, Lexington
Amy Georgiana Ruch, Huber Heights
Beth Belinda Shadwick, Pataskala
Ann Richmond Shumaker, Marion
Paul Bradley Slane, Mansfield
Stacey Jo Smith, Newark
Holly Lynn Spangler, Bryan
Stephen Tolbert Sparring, Stafford
Christina A. Staccia, Springfield
Debbie Sue Stuart, Marysville
Charles Raymond Theado, Grove City

Cynthia Gerilyn Thiel, Marion
Elizabeth Chowning Todd, Cincinnati
Judith Marie Trkones, Steubenville
Pamela Tzanwhas, Canton
Michele Lynn Waderker, Brilliant
Charles Edward Whitman, Worthington
Kelly Kathleen Woolen, Indianapolis, In.
Susan Jane Wordeman, Cincinnati
Shehu Kafi Yakubu, Bauchi, Nigeria
Debra Ellen Yates, Cincinnati

**Bachelor of Art Education and
Bachelor of Music Education
degrees are offered jointly by the
College of the Arts and
College of Education**

Candidates are listed under
College of the Arts

College of Engineering

Dean: Donald D. Glower

Bachelor of Science in Aeronautical and Astronautical Engineering

Timothy Michael Budzik, Eastport, Me.
Terence Joseph Duffy, Vandalia
James Patrick Schondei, San Diego, Ca.
James Robert Winefeld, North Canton

Bachelor of Science in Agricultural Engineering

Steven Lee Castleberry, Saine, Mi.
Robert Alan Hardin, Aurora
John W. Taylor, Batavia
John Robert Wren, Jr., Columbus

Bachelor of Science in Ceramic Engineering

Gary Wade Hallum, Olmsted Falls
Kay Marie Hochstetler, Mentor
Jean Elizabeth Huff, Attica, NY

Bachelor of Science in Chemical Engineering

Mark John Burket, Dover
Douglas Raymond Gray, Poland
Douglas Lee Wilburn, Columbus

Civil Engineer

Hassan Mohamad Daabas, Columbus

Bachelor of Science in Civil Engineering

Jeffrey Gene Aldridge, Middletown
Richard Davis Brewer, Wyoming
Judy Ann Caiola, Cuyahoga Falls
Robert Mahan Campanelli, E. Liverpool
Thomas William Davis, Port Clinton
Peter John Donahue, Jr., Kettering
Paul Edward Gassman, Baltimore
David Allen Gibson, Pound, Va.
Lee Daniel Guzik, Latrobe, Pa.
Daniel Scot Haslop, Lima
Christian Raymont Holmes, Bellbrook
Margaret L. Klepic, New Brighton, Pa.
Nabeel A. Latif Majeed, Kuwait, Kuwait
Steven Andrew Newman, Columbus
Scott Everett Nodes, Westerville
Mark Bryan Ogden, Grove City
Gregory James Palmer, Toledo
Mary Ellen Rusnov, Cleveland
Thomas George Schoenberg, Aurora
Dennis Ihsan Tuatay, Columbus
Jon Elliott Van Evra, Lancaster
Gary Michael Whitis, Byesville
Gregory Lee Yoak, Grove City

Bachelor of Science in Computer and Information Science

Guy H. Bazanos, Cincinnati
Robert M. Blonchek, Cleveland
Barbara Louise Brauner, Columbus
Theresa Grace Brogan, Steubenville
Ronald Jay Dalton, Lathem
Mashaallah Ebrahimi, Tehran, Iran
Julie Maureen Fulton, Columbus
Teri Marlene Keller, Cincinnati
John Harold Kitchen, Jefferson
Robert Walter Oisen, Columbus
James Warren Rankin, Jr., Cincinnati
Alan Dale Schaar, Lancaster
Hall Skaara, Egersund, Norway
Jeffrey Scot Stamer, Heath
Richard William Taeuber, Cincinnati
Paul Daniel Winterstein, Columbus

Electrical Engineer

Henry G. Miller
Krishna Saxtry Sistia, Repalle, India
Majid Ramezani, Tehran, Iran

Bachelor of Science in Electrical Engineering

Thomas Brinkley Allen, Columbus
James Louis Bastaja, Westerville
Paul Stuart Baumgardner, Prospect, Ky.
Amy O'Donnel Brotherton, Grove City
David Wayne Cagle, Kettering
Fan Sam Chan, Taiping, Malaysia
Timothy Robert Collins, W. Portsmouth
Douglas Whitney Dummer,
Robert William Hahn, Collins
Hazem R. Hajjeh, Dura, West Bank
Tracie Lynn Hill, Granville

Robert Scott Huston, Columbus
Suk Young Jang, Columbus
Michael Robert Krurek, Westlake
John Andrew Kramer, Youngstown
Jeffrey Lee Leonard, Trotwood
Benny Paul Ley, Mineral City
Donald A. Lieb, Norton
Francis Gabriel Loo, Chicago, Ill.
Walter Roger McClain, Olmsted Falls
Timothy Owen McLaughlin, Lancaster
Mohammed Moazzam, Karachi, Pakistan
John Matthew Noll, N. Olmsted
John Clifford Olofson, Worthington
Gene William Ott, Lancaster
Bradley Gwynn Palmer, Alexandria
Gene Allen Pishner, Zanesville
Joseph Michael Sekel, Buffalo
Kent David Shumaker, Dresden
Bernard Michael Skomra, Lisbon
John Eric Stickdom, Lancaster
Lora Ann Swarsinger, Brunswick
James Joseph Sweeney, Lyndhurst
Douglas Raymond Swift, Toledo
Dawn Michele Taylor, Xenia
Richard David Tighe, Marion
John William Waidner, Columbus
John Edward Wiese, Massillon
Douglas Eugene White, Marion
Roger Andrew Wood, Dublin
Anthony Zwilling, Columbus

Bachelor of Science in Engineering Physics

Kenneth Raymond Lyons, Columbus
Gregory Rusnock Magyar, Shadyside
Mark Joseph Medovitch, Niles

Bachelor of Science in Industrial and Systems Engineering

Jeffrey John Byczynski, Marysville
Mark Andrew Coming, N. Olmsted
John Andrew Dodge, Port Clinton
Chades John Dunick, Jr., Kingsville
Kathleen Ann Dupre, Ashland
Fred Daniel Freshley, Hudson
Susan Rose Gelfand, Highland Hts.
Christopher Dean Gilmore, New Philadelphia
Ralph Thomas Greco, Chillicothe
Ronald Virgil Gulino, Kettering
Suandi Hartoko, Soko, Indonesia
Joseph David Krabacher, Waynesville
Wendy Yuk-Chun Lui, Cleveland
Jack Alan Mullaney, W. Mansfield
Michael John O'Rourke, Zanesville
Bonita Gene Pigrum, Cincinnati
Enrique O. Rosselli, Montevideo, Uruguay
Kathy Marie Ruthman, Cincinnati
Michael Owen Smith, Augusta, Ga.
Dan Z. Sokol, Dayton
Charles Edward Suran, Columbus
Michael Costa Thoukidides, Columbus
Richard Bryan Wakutt, Columbus

Mechanical Engineer

Joseph Giammarco, Columbus

Bachelor of Science in Mechanical Engineering

John Guy Albert, Galion
Timothy Lee Barada, Chillicothe
Peter Damien Biggert, Columbus
David John Bloch, Dayton
Thomas William Bobson, Columbus
Richard Michael Boyer, Canton
Douglas James Carey, Worthington
Douglas Morton Endicott, Columbus
Alireza Fathi,
Lora Mae Fundemark, Mentor
Erich Lee Gaddis, Columbus
John Frank Gibbemeyer, Jr., Cincinnati
Michael Klaus Gottschalk, Solon
Bradley Alan Graupmann, Fairborn
Lawrence Holland Hawkins II, Vienna, WV
Tracy Diane Hofmann, Cincinnati
Michael Garry Jones, Continental
Lori Joyce Juergens, Rocky River
Richard C. Kapes, Solon
Daniel Joseph Keeler, St. Albans, WV
Russell Dean Kosel, Sandusky
Eric John Kress, Goshen
Frank Arthur Leysdon, Cambridge
David Bradford Linder, Sandusky
Douglas Martin Livezey, Mantua
Marianne Milly Livezey, Dearborn, MI
Janice Marie Mikosh, Ida, MI
Michael William Monfort, Columbus
Terry Lewis Neuhart, McConnelsville
Robert Duane Owen, New Lexington
John William Palazzo, Jr., Akron
Kevin Anthony Rahrig, Delphos
Nancy Ann Smith, Columbus
William Steven Smith, East Liverpool
Paul Charles Southerland, Chagrin Falls
Eric Charles Stephens, Johnson
Robert Joseph Thompson, Findlay
Stephen DeFro Tossey, Dayton
Michael James Ventres, Columbus
Robert Duncan Wark, Woodcliff Lake, NJ
Charles Murray Winchell, Waite Hill
John Andrew Workman, Mt. Vernon
Asghar Lorpari Zanganeh, Tehran, Iran
William Charles Zimlich, Jr., N. Royalton

Bachelor of Science in Metallurgical Engineering

Harold E. Abbuhl, Urichsville
Raymond Richard May, Boardman

Bachelor of Science in Mining Engineering

Randall Lee Keitz, Shadyside
Eric Jon Lewis, St. Clairsville

Bachelor of Science in Welding Engineering

Charles Thomas Hayes, Columbus
Craig Marshall Hoskins, New Martinsville
David Harper Phillips, Chillicothe

Christopher Leo Rauch, Lowell
Gene Joseph White, Seven Hills

School of Architecture

Bachelor of Science in Architecture

William C. Boehm, Westerville
Timothy L. Brewer, Columbus
Mark James Randolph, Columbus

Bachelor of Science in Landscape Architecture

Karen S. Budinscak, St. Clairsville
Stanley Eugene Gilbert, Napoleon
David George Peabody, Wakeman
Robert Brian Swarts, Copley
Grant William Wagner, Reynoldsburg

College of Home Economics

Acting Dean: Lena Bailey

Bachelor of Science in Home Economics

Christine Aibrando, Columbus
Betsy Anne Allen, Van Wert
Theresa Marie Campbell, Akron
Susan Elaine Colpetzer, Columbus
Brenda Jay Cook, Columbus
Alison Diana Cooper, Wyckoff, N.J.
Lori Jo Deiss, Oxford
Kathryn Myklebust Donnerwirth, Columbus
Carolyn Ann Eastep, Columbus
Anne Elizabeth Funderburg, Greenville
Amy Hannelore Gosselein, Heath
Barbara Lynn Jones, Columbus
Carolyn Jane King, Newark
Laura Faye Kursh, Lyndhurst
Catherine Ann Lehmkühl, Versailles
Pamela Jo Lewis, Columbus
Cheryl Renee Lockhart, Columbus
Andrea Catherine Maher, Marietta
Lucinda Ann McCall, Dublin
Helen S. McClaskie, Columbus
Lynette C. McEntie, Columbus
Jennifer Leigh Miller, Westerville
Sally Mae Miller, Fredericktown
Kathryn Ellen Minch, Columbus
Laura Jane Obenour, Zanesville
Constance Helen Pfaff, Rocky River
Deanne Plotkin, Highland Pk., Il.
Penelope Pride, Youngstown
Lynne Elizabeth Raftery, Wadsworth
Julie Anne Russell, Columbus
Susan Linn Russell, Columbus
Elizabeth Marie Shank, Rawson
Suzanne Marie Sitek, Alexandria, Va.
Stacia Lee Spangler, Ada
Karen Sue Weber, Lima
Jill Ann Whitton, Eastlake
Tamara Lynne Young, Circleville

Bachelor of Science in Nutrition

Jane Elizabeth VanWormer, Elyria

Bachelor of Science in Restaurant Management

John David Gillespie, III, Boardman
Patti Joy Rus, Cincinnati

College of Medicine

Dean: Manuel Tzagournis, M.D.

Doctor of Medicine

John Frederick Cooper, Columbus B.S.
Bill Gus Gegas, Steubenville B.S. (Muskingum College)
Ronald James Haudenschitt, Orrville B.S.
Norman Albert Holmes, Chagrin Falls B.A. (Wake Forest University)
Karri Lou Krendl, Spencerville B.A. (Cornell University)
Jan Kriwinsky, Beachwood B.S. (Brown University)
Kim-Lien Nguyen, Akron B.S. (University of Akron)
Barry Clifford Root, Canton B.A. (Case Western Reserve University)
Lynne Burke Torello, Alliance

School of Allied Medical Professions

Bachelor of Science in Allied Health Professions

Karin Michelle Baum, Enfield, Conn.
Timothy James Buzzelli, Chagrin Falls
Li Fong Alice Chong, Hong Kong
Theresa Marie Cook, East Orwell
Barbara Stacey Drake, Hyde Park, N.Y.
Valerie Ann Slusarz, Chesterland
Melanie Jane Smith, South Euclid
Pamela Carol Whalen, Upper Arlington
John Paul Yeagley, Jr., Gallipolis

Certificate of Post Baccalaureate Circulation Technologist

Sue Ellen Bastian, Fort Wayne, Ind. B.S. (Purdue University)
Mark Palmer Schiess, Columbus B.S. (Ashland College)
Rebekah E. Trittipoe, Columbus B.A. (Cedarville College)
Philip A. Wagoner, Indianapolis, Ind. B.A. (Indiana University)

College of Nursing

Acting Dean: Kathryn T. Schoen

Bachelor of Science in Nursing

Denise Michelle Ferkyan Bobbitt, Columbus
Kathleen Downing Boehm, Columbus
Carolyn Ann Coughlin, Bexley
Beth Ann D'Antonio, Zanesville
Kimberly Deneise Horton Jones, Columbus
Kathryn Leeds Ingram, Columbus
Jean Marie Jurcich, Cleveland
Iris Esther Micochero, Columbus
Martha Anne Newman, Columbus
Laura Jean Planchon, Fairborn
Tina Marie Sall, Martins Ferry
Carol Lynnette Strassburger, Franklin

College of Pharmacy

Dean: Albert H. Soloway

Bachelor of Science in Pharmacy

Kenneth Charles Brown, Youngstown
Kim Louise Powell, Grove City
Anthony Paul Restuccia, Girard
Joseph William Snoko, Wadsworth

Graduates with Honors

Criteria for graduation with honors are as follows:

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.

Cum Laude designates those graduating in the top 10% of the class (top 6% in the Colleges of the Arts and Sciences).

Summa Cum Laude designates those graduating in the top 3% of the class (top 1.5% in the Colleges of the Arts and Sciences).

With Distinction in Animal Science

Nicholas Joseph Burns

With Distinction in Circulation Technology

Philip A. Wagoner

With Distinction in Psychobiology

Kenneth Edward Plotkin

With Honors in Liberal Arts

Joy Esther Hoyte
Kenneth Edward Plotkin
Karen Ann Sokol
Angeilka Rosemarie Young

Cum Laude

Ann R. Amert
Michelle Marie Andes
Donna Faye Autrey
Richard Michael Boyer
Brian Scott Burdo
Meng Lee Chin
Kathleen Dickey Cook
Patricia Sue Deardurff
Renée Marie Elbert
Susan Angel Ellwood
Karen Lee Hansen
Robert George Hentz
Robert Dean Hildreth
Nora Aberegg Hirvela
Margaret Irene Hiss
Mark Anthony Krause
Adam Joseph Leimeister
Douglas Martin Livezey
Lisa Marie Marquardt
Michael Scott McFadden
Timothy I. Moomaw
Gloria Louise Parker
Anthony Paul Restuccio
Joanne Elizabeth Rice
Cathy Sue Roe
David Lee Saum
Kent David Shumaker
Susan Elaine Skutzker
Stewart Aaron Smith
Sheila McMullen Sorrentino
Stacia Lee Spangler
Elizabeth Chowming Todd
Lisa Marie Underwood
Michelle Lynn Waderker
Douglas Lee Wilburn
Susan Jane Wordeman
Anthony Zwilling

Summa Cum Laude with Distinction in Horticulture

Mark Joseph Druckenbrod

Cum Laude with Distinction in Dairy Science

Michelle Marie Michalak

Summa Cum Laude

Philip Charles Baker
Belinda Sue Barnes
Li Fong Alice Chong
Sallie Debolt Cunningham
James Lewis Dregalla
Ivan Louis Emke
Kathryn Elaine Fisher

William Lloyd Fridley
Julie Kay Kline
Russell Dean Kosel
Kiran Lalwaney
Janice Marie Milosh
Walter Mason Moore, II
Gayle Ann Mulford
Cynthia Marie Otto
Sandra Beach Rainey
Stacey Jo Smith
Paul Holden Thomas
Annette Louise Verhoff

Summa Cum Laude with Distinction in Agriculture Economics

Robin Michael Rettig

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THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND ONE HUNDRED AND NINETY-EIGHTH MEETING
OF THE BOARD OF TRUSTEES

Mansfield, Ohio, April 6, 1984

The Board of Trustees met at its regular monthly meeting on Friday, April 6, 1984, at The Ohio State University Mansfield Campus, Mansfield, Ohio, pursuant to adjournment.

Present: John D. Jacob, Chairman, D. James Hilliker, John F. Havens, Daniel M. Galbreath, Edmund C. Redman, Leonard J. Immke, Shirley D. Bowser, and Hamilton J. Teaford.

* * *

Minutes of the last meeting were approved.

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April 6, 1984 meeting, Board of Trustees

The Chairman, Dr. Jacob, called the meeting of the Board of Trustees to order at 9:30 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: John D. Jacob, Chairman, D. James Hilliker, John F. Havens, Daniel M. Galbreath, Edmund C. Redman, Leonard J. Immke, Shirley D. Bowser, and Hamilton J. Teaford.

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Dr. Jacob reconvened the meeting at 11:25 a.m.

Dr. Jacob announced the appointment of the following persons to the Nominating Committee:

Leonard J. Immke, Chairman
Daniel M. Galbreath
Edmund C. Redman

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AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY

Resolution No. 84-106

Synopsis: Amendments to rules 3335-5-46, 3335-5-58, and 3335-5-62 are being proposed.

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 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 10, 1984, as follows:

AMENDED RULES

3335-5-46 Senate committees.

(G) Senate committees shall report at least annually to the university senate at a time and in a manner specified by the program committee of the senate.

(Q) The program committee shall have the responsibility for scheduling reports of senate and university committees.

3335-5-58 Committee on academic freedom and responsibility.

(B) The committee shall

April 6, 1984 meeting, Board of Trustees

AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)

- (1) Study all conditions which may affect the academic freedom or responsibility of the faculty of the university, including the review of proposed changes in the "Faculty Handbook," the "Faculty Appointments, Promotion and Tenure" booklet, and such changes in the "Operating Manual" as may impinge upon academic freedom or tenure. If the committee finds that any such proposed change adversely affects academic freedom or tenure, it shall report that finding promptly to the senate for its review.
- (4) Report at least once a year, with recommendations when appropriate, to the university senate.

3335-5-62 Reports of university committees.

Each university committee defined in rules 3335-5-47 through 3335-5-62 of the Administrative Code shall report at least annually to the university senate at a time and in a manner specified by the program committee of the senate.

NOW THEREFORE

BE IT RESOLVED, That the amendments to rules 3335-5-46, 3335-5-58, and 3335-5-62 of the Rules of the University Faculty be adopted as recommended by the University Senate.

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

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REVOCATION OF DEGREE

Resolution No. 84-107

Synopsis: Revocation of a Doctor of Philosophy degree is proposed.

WHEREAS it was the recommendation of an ad hoc panel convened by the Provost and Vice President for Academic Affairs to revoke the Doctor of Philosophy degree of Ronald G. Springhorn; and

WHEREAS the recommendation was concurred with by the Executive Committee of the Graduate Council and by the Provost and Vice President for Academic Affairs; and

WHEREAS the appropriate bodies and administrative officers of the University have fully complied with the "Procedure for Dealing with Cases of Alleged Academic Misconduct on Dissertation After the Awarding of the Degree," and in accordance with those procedures have recommended that the Doctor of Philosophy degree of Ronald G. Springhorn be revoked:

NOW THEREFORE

April 6, 1984 meeting, Board of Trustees

REVOCATION OF DEGREE (contd)

BE IT RESOLVED, That the Doctor of Philosophy degree of Ronald G. Springhorn, granted June 9, 1977 pursuant to paragraph (E) of rule 3335-1-06 of the Administrative Code, is hereby revoked effective this day, April 6, 1984, and shall no longer be of force and effect.

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

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HONORARY DEGREES

Resolution No. 84-108

Synopsis: Approval is requested for awarding honorary degrees to two individuals.

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 honorary degrees as listed below:

Archbishop Iakovos
N. A. Shilo

Doctor of Humane Letters
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. Redman, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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HONORARY DEGREE

Resolution No. 84-109

Synopsis: Approval is requested for awarding an honorary degree.

WHEREAS the Committee on Honorary Degrees and the University Senate, pursuant to rule 3335-5-57 of the Administrative Code, have approved for recommendation to the Board of Trustees awarding of an honorary degree as listed below:

Harvey Brooks

Doctor of Science

NOW THEREFORE

April 6, 1984 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Leave of Absence Without Salary

LORRAINE M. JORDAN, Instructor, School of Allied Medical Professions, effective February 18, 1984 through April 1, 1984, for personal reasons.

Professional Improvement Leaves

NAURINE R. MCCORMICK, Associate Dean, College of Home Economics - Administration and Professor, Cooperative Extension, effective January 1, 1985 through June 30, 1985.

MICHAEL E. WHITCOMB, Medical Director/Associate Dean, College of Medicine - Administration, effective September 1, 1984 through August 31, 1985.

DENNIS R. FELLER, Professor, College of Pharmacy, effective July 1, 1984 through December 31, 1984.

HARVEY M. FRIEDMAN, Professor, Department of Mathematics, effective Autumn Quarter 1984, Winter Quarter and Spring Quarter 1985.

THOMAS C. GRUBB, JR., Professor, Department of Zoology, effective Autumn Quarter 1984, Winter Quarter and Spring Quarter 1985.

CHARLES E. HERDENDORF, Professor, Department of Zoology, effective Autumn Quarter 1984, Winter Quarter, Spring Quarter and Summer Quarter 1985.

HARRY C. HERSHEY, Professor, Department of Chemical Engineering, effective Autumn Quarter 1984, Winter Quarter and Spring Quarter 1985.

CLARK LEAVITT, Professor, Academic Faculty of Marketing, effective Autumn Quarter 1984 and Winter Quarter 1985.

ROBERT L. MILLS, Professor, Department of Physics, effective Autumn Quarter 1984, Winter Quarter and Spring Quarter 1985.

HALLAN C. NOLTIMIER, Professor, Department of Geology and Mineralogy, effective Autumn Quarter 1984, Winter Quarter and Spring Quarter 1985.

NEVILLE W. REAY, Professor, Department of Physics, effective Spring Quarter 1984, Autumn Quarter 1984 and Winter Quarter 1985.

FRANCIS L. RICHARDSON, Professor, Department of History of Art, effective Autumn Quarter 1984, Winter Quarter and Spring Quarter 1985.

WILLIAM F. SAAM, Professor, Department of Physics, effective Winter Quarter and Spring Quarter 1985.

April 6, 1984 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Professional Improvement Leaves (contd)

FREDERICK D. STOCKER, Professor, Department of Economics, effective Autumn Quarter 1984 and Winter Quarter 1985.

ROY A. TASSAVA, Professor, Department of Zoology, Winter Quarter, Spring Quarter and Autumn Quarter 1985.

GISELA J. HINKLE, Associate Professor, Department of Sociology, effective Autumn Quarter 1984 and Winter Quarter 1985.

BEVERLY L. KAHN, Associate Professor, Department of Political Science (Mansfield Campus), effective Autumn Quarter 1984, Winter Quarter and Spring Quarter 1985.

ROBERT M. KAHN, Associate Professor, Department of Political Science (Mansfield Campus), effective Autumn Quarter 1984, Winter Quarter and Spring Quarter 1985.

YUNG-CHEN LU, Associate Professor, Department of Mathematics, effective Autumn Quarter 1984, Winter Quarter and Spring Quarter 1985.

THOMAS A. MCCAIN, Associate Professor, Department of Communication, effective Autumn Quarter 1984, Winter Quarter and Spring Quarter 1985.

G. NEIL ROBERTSON, Associate Professor, Department of Mathematics, effective Autumn Quarter 1984, Winter Quarter and Spring Quarter 1985.

HAROLD SCHNEIDERMAN, Associate Professor, College of Social Work, effective Autumn Quarter 1984, Winter Quarter and Spring Quarter 1985.

JANET F. LASTER, Assistant Professor, Department of Home Economics Education, effective Autumn Quarter 1984, Winter Quarter and Spring Quarter 1985.

Emeritus Titles

FRANK W. BOPE, College of Pharmacy, with the title Associate Dean Emeritus, effective July 1, 1984.

GEORGE H. HAMRICK, Cooperative Extension Service, with the title Professor Emeritus, effective March 1, 1984.

GEORGE R. JOHNSON, Department of Animal Science, with the title Professor Emeritus, effective February 1, 1984.

THORVALD KRISTOFFERSEN, Department of Food Science and Nutrition, with the title Professor Emeritus, effective April 1, 1984.

April 6, 1984 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Emeritus Titles (contd)

EUGENE C. WITTMAYER, Department of Horticulture, with the title Professor Emeritus, effective March 1, 1984.

GLENN E. MADDY, Cooperative Extension Service, with the title Associate Professor Emeritus, effective March 1, 1984.

FRED J. SCHMIEDER, Department of Human Services Education, with the title Associate Professor Emeritus, effective April 1, 1984.

WILLIAM HUBBARD, Department of Aviation, with the title Assistant Professor Emeritus, effective March 1, 1984.

Upon motion of Mr. Immke, 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. 84-111

Synopsis: Resolutions honoring the service of six of the University's faculty members who have recently died are being 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.

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

Robert H. Browning

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on February 20, 1984, of Robert H. Browning, Professor Emeritus in the Department of Medicine, Division of Pulmonary Diseases.

Robert Browning was born in Oberlin, Ohio, April 7, 1903. He graduated from Oberlin College in 1923. He received a M.D. degree from Western Reserve University in 1927; served an internship and residency in Internal Medicine at Cleveland City Hospital and a tuberculosis residency at The Trudeau Sanatorium, Saranac Lake, New York. Upon completion of post graduate training Dr. Browning accepted the position of Director of Sunny Acres Hospital, Cleveland, Ohio. His academic appointments include Assistant Professor of Medicine at Western Reserve University from 1931-1948 and Professor of Medicine at The Ohio State University until his retirement in 1973.

Dr. Browning authored and published 38 articles in his career, and also served as a consultant to the U. S. Veterans Administration. Upon his retirement in 1973, Dr. Browning was awarded The Ohio State University Captain's Chair as a token of esteem from the Department of Medicine.

April 6, 1984 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Robert H. Browning (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 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.

Earle R. Caley

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on February 2, 1984, of Earle Radcliffe Caley, Professor Emeritus in the Department of Chemistry.

Professor Caley, scientist, educator and humanitarian, was born in Cleveland, Ohio. He received his B.Sc. degree from Baldwin-Wallace College in 1923 and his Ph.D. from Ohio State in 1928, under the guidance of the late C. W. Foulk. He married Grace Cochran on Christmas Eve, 1925.

Professor Caley's career as an educator combined studies in analytical chemistry with a deep interest in the classical world. He was an innovator in the application of modern analytical methods to the study of archeological objects of ancient Greece and the Middle East; his efforts in this area were recognized by numerous prizes and awards, including the Dexter prize from the American Chemical Society in 1966. The reader of his first publication could have had prescience of his life's work. It was a translation, with comments, of a Latin text of the Leyden Papyrus, which catalogued chemical formulations used in Alexandria in the Third Century A.D. It was written in 1926 while he was, simultaneously, a student working toward his Ph.D. and a high school principal in Monroeville, Ohio.

After graduation, Dr. Caley established a substantial reputation in Analytical Chemistry as a faculty member at Princeton University, where he remained until 1939. During this time, he spent a year in Athens, Greece, on the staff of the Agora Excavation. His academic career was temporarily interrupted by the Second World War, when he served as chief chemist for Wallace Laboratories in New Jersey.

Following the war in 1946, Dr. Caley returned to his alma mater as Associate Professor and Vice Chairman of the Department of Chemistry. He became a full Professor in 1957 and continued his research and teaching in the Department until his retirement in 1970. He was the author of numerous papers and several books including The Composition of Ancient Greek Bronze Coins (1939), Theophrastus on Stones (1956), Analysis of Ancient Glasses (1962), and Analysis of Ancient Metals (1964). His enthusiasm for his scholarship was especially admired by his colleagues, and his research continued without pause until his untimely death. His most recent paper, entitled: Analyses of Eight Roman Orichalcum Coin Fragments. . . was published in Archeometry in 1983.

Dr. Caley held membership in several organizations, including the ACS, AAAS, Archaeological Institute of America, International Institute for the Conservation of Historic and Artistic Works, Ohio Academy of Science, and Sigma Xi.

April 6, 1984 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Earle R. Caley (contd)

We have lost a man who was characterized by one colleague as "a chemist bearing gifts to the Greeks," and by another as making "a significant contribution to an area of knowledge without regard for the more utilitarian justifications of technology." He will be missed by his colleagues as well as his many friends and admirers in the world-community of scholars.

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.

Evelyn P. Gordon

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on March 7, 1984, of Evelyn P. Gordon, Instructor Emeritus in the School of Allied Medical Professions.

Evelyn P. Gordon, emeritus faculty member of the Medical Dietetics Division, School of Allied Medical Professions, made a significant contribution to The Ohio State University in school lunch programming and dietetic education.

Miss Gordon was a native Ohioan who received her B.S. degree from The Ohio State University in 1932. After twenty years as a high school teacher of Home Economics, she returned to the University and earned her master's degree in the Graduate School in 1952.

In 1952, Miss Gordon began her faculty service to the University in the College of Education as an instructor and the nutritionist in the University School. She held this position until 1968 when she joined the faculty of the School of Allied Medical Professions as an instructor in the Medical Dietetics Division.

During her employment in the College of Education, Miss Gordon was active in both the American School Food Service Association and Ohio School Food Service Association. She was chairman of the Nutrition Committee of ASESAs for two years and was responsible for the preparation of Nutrition Education in School Lunch, a brochure published by ASESAs and widely used by school lunch personnel throughout the United States. She also served as a nutrition consultant to the Ohio Department of Education School Lunch Program and worked with a number of school lunch programs in Ohio schools.

In the College of Education, Miss Gordon participated in a number of activities and projects. She contributed to the College's publication, How Children Develop, published by The Ohio State University in 1964. She also participated in the Inter-age Grouping Experiment in the University School. The school lunch program at the University School, which she directed, was a model for others on the coordination of the feeding program with the education program.

Miss Gordon authored articles on school lunch and its relation to child development, health and nutrition education.

April 6, 1984 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Evelyn P. Gordon (contd)

In the School of Allied Medical Professions, Miss Gordon worked with the faculty responsible for the management component of the Medical Dietetics curriculum where she made an invaluable contribution to the development of the students' knowledge and appreciation of quality food service standards.

Miss Gordon retired and was granted emeritus status in 1973. She remained active at the University until her death.

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.

Emerson Hatcher

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on February 21, 1984, of Emerson Hatcher, Clinical Professor Emeritus in the Department of Medicine.

Emerson Hatcher was born April 20, 1912 in Hamilton, Ohio. He received the A.B. degree from Berea College, Berea, Kentucky in 1934. In 1938, Dr. Hatcher graduated from Cornell University with a Doctorate in Medicine and undertook Internship and Residency training at The Ohio State University Hospitals. He served as a major in the U. S. Army from 1942-1946. Dr. Hatcher was appointed Clinical Instructor in 1946; served as Chief of the Medical Clinic at the Wilce Student Health Center; and upon his death he held the title of Clinical Professor of Medicine.

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 R. Medhurst

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on February 28, 1984 of Richard R. Medhurst, Professor in the College of Social Work.

Dr. Medhurst was born on September 10, 1916 in England and spent his early years there before coming to the United States. He earned a Bachelor of Arts in Sociology in 1940 and later a Master's of Social Work degree at the University of Southern California. He practiced social work at the Santa Barbara County Welfare Department, 1941-1942, before serving as Assistant Field Director and Field Director with the American National Red Cross in Long Beach and Fort MacArthur, California, 1942-1943.

April 6, 1984 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Richard R. Medhurst (contd)

Dr. Medhurst's practice and education were interrupted from 1943 to 1946 when he served as a U. S. Navy Officer. He saw combat aboard ship in the Pacific Theater during World War II.

Upon his return stateside, Dr. Medhurst became a social worker, supervisor and then Assistant Chief with the U. S. Veteran's Administration in Los Angeles from 1946 to 1952. During 1952 to 1955, Dr. Medhurst served as an Assistant Professor at the University of Southern California School of Social Work and earned the Doctorate of Social Work at U.S.C. in 1959. He served from 1957 to 1966 as Assistant Professor, Associate Professor and Professor at the University of Toronto School of Social Work. During his final three years at the University of Toronto he was Assistant Director of the School.

Dr. Medhurst was invited to The Ohio State University as Director of the School of Social Work in 1966, and served in this capacity until 1976. Under his administrative leadership a number of new and revitalized programs took shape. While he was Director, the School instituted a New Careers Program, revised each of the degree programs--BSSW, MSW and Ph.D., initiated the Columbus Area International Program, established a cooperative inter-institutional Ph.D. program in social work with the University of Puerto Rico and, in collaboration with other academic units, began The Ohio State University Commission on Interprofessional Education and Practice. Moreover, ethnic minority representation in the School of Social Work multiplied as a result of recruiting efforts during Dr. Medhurst's administration, and many graduates of the School advanced to positions of leadership in social work practice, administration and education in the United States and abroad. In addition, Dr. Medhurst was instrumental in developing the plans that eventuated in change in status of the School of Social Work to that of an independent College.

During his years at Ohio State University, Dr. Medhurst served terms as a member of the Board of Directors of the Council on Social Work Education and co-chairman of several of its Annual Program Meetings, President of the Ohio Welfare Conference and a member of the University Senate and the Graduate Council.

Those who worked closely with Dr. Medhurst respected him for his warmth and kindness, his concern and love for students and people in general, his devotion to social work education, and his wonderful sense of humor.

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 sincere appreciation of the Board's realization of the loss that the family, the University, and his many friends and associates have sustained.

April 6, 1984 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Jerry L. Robertson

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on February 17, 1984 of Jerry L. Robertson, Professor in the Department of Horticulture.

Professor Robertson was born May 3, 1948. He completed his B.S., M.S., and Ph.D. degrees at Purdue University and joined the faculty of The Ohio State University July 1, 1974, and was promoted to the rank of Professor, July 1, 1983.

Professor Robertson was widely recognized as a national leader in research involving the marketing and economics of horticultural commodities with primary emphasis in the area of floriculture. He published extensively in journals in his area of expertise and co-authored a textbook entitled "Management for Retail Florists with Application to Nurseries and Garden Centers."

Dr. Robertson was an active member in numerous professional societies and trade associations including the American Society for Horticultural Science, the Ohio Florists' Association, the Society of American Florists, and the American Marketing Association. He was also active in student organizations including Pi Alpha Xi where he served as faculty advisor, Gamma Sigma Delta, and for many years was coach of the OSU Flower Judging Team. He served as Executive Secretary of Central Ohio Allied Florists and was highly respected by students and professional peers.

On behalf of the University community, the Board of Trustees expresses to the family of Dr. Robertson its deepest sympathy. 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 sincere appreciation of the Board's realization of the loss that the family, the University, and his many friends and associates have sustained.

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

Resolution No. 84-112

Synopsis: The reports on contracts, grants, and gifts and the summaries for February 1984 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

April 6, 1984 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 February 1984, be approved.

Upon motion of Mr. Hilliker, seconded by Mr. Galbreath, the foregoing resolution was adopted by the Board of Trustees by unanimous voice vote.

SUMMARY FOR FEBRUARY 1984

Source	No. of Projects	Support Level
The Ohio State University Research Foundation	60	\$3,882,351.43
Engineering Experiment Station	45	\$ 213,026.00
		\$4,095,377.43
The Ohio State University Development Fund		
Establishment of Named Funds		
TBDBITL Scholarship Fund (Scholarship(s) - School of Music)		\$ 7,009.62
Grace T. and Dorothy H. Henderson Memorial Scholarship Fund (Scholarships - College of Home Economics)		\$ 5,400.00
Frank E. Bazler Law Library Fund (Purchase of books from the Frank E. Bazler Law Library Fund)		\$ 5,125.00
Charles H. Ingraham 4-H Scholarship Fund (Scholarships for freshman students from Washington or Morgan Counties - College of Agriculture)		\$ 5,000.00
Naurine McCormick Minority Scholarship in Home Economics (Scholarships for Minority Students - College of Home Economics)		\$ 5,000.00
Change in Description of Named Fund		
The Newton D. Baker Memorial Fund		

April 6, 1984 meeting, Board of Trustees

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

SUMMARY FOR FEBRUARY 1984 (contd)

The Ohio State University Development Fund (contd)

Withdrawal of Named Fund

The Class of 1933 Endowment Fund

Change of Name of Named Fund

From: Endowed Residency Position in
Small Animal Veterinary Surgery

To: Richard L. Rudy Residency in
Small Animal Veterinary Surgery

Report from Presidents Club

Members to date	4,634
1983-84 members: fiscal year to date	80
1984 members: calendar year to date	16
New members - February 1984	10

New Presidents Club Members - February 1984

Lamont W. Blalock	Douglas O. Metz
William S. Crossin	Elsa M. Miller
David B. Dudley	Lee I. Turner
Ellen Havens Hardyman	James A. Wellman
Bethany Klein	Lysbeth J. Young

April 6, 1984 meeting, Board of Trustees

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

July through February
1982/83 compared to 1983/84

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

CONTRIBUTIONS BY SOURCE

	Donors		Dollars		% Change
	July through 82-83	February 83-84	July through 82-83	February 83-84	
Alumni	30,479	33,286	\$ 6,320,958	\$ 4,357,102	(31)
Non-Alumni	18,152	16,629	2,805,914	4,742,615	69
Corporations	1,094	1,223	2,816,878	3,440,645	22
Corporate Foundations	195	208	1,078,701	1,218,233	13
Private Foundations	93	98	571,494	776,134	36
Other	448	592	743,210	720,222	(3)
Total	50,461	52,036	\$14,337,155	\$15,254,951	6

CONTRIBUTIONS BY TYPE

	Dollars		% Change
	July-February 82-83	July-February 83-84	
Designated	\$11,263,033	\$12,653,966	12
Undesignated	945,504	1,061,931	12
Gifts-In-Kind	2,128,618	1,539,054	(28)
Total	\$14,337,155	\$15,254,951	6
Gifts (# of)	62,356	63,904	2

April 6, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Report - February 1984

Federal Research Contracts/Grants

\$770,000.00 - Department of Energy, Argonne, Illinois, High Energy Physics, Department of Physics (T. A. Romanowski, K. Reibel, N. W. Reay, N. R. Stanton, T. Y. Ling and H. P. Kagan), 1 February 1984 through 31 January 1985. (Project 762116 - Continuation)

\$195,130.00 - National Science Foundation, Washington, D. C., Development and Dissemination of an Integrated Multipurpose Software Package, Department of Education Theory and Practice (S. Damarin), 1 February 1984 through 31 January 1986. (Project 763975 - New)

\$148,161.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Synthesis of Unusual Biologically Active Terpenes, Department of Chemistry (L. A. Paquette), 1 April 1984 through 31 March 1985. (Project 763497 - Continuation)

\$146,131.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Polycondensed Alicyclics and Their Antiviral Role, Department of Chemistry (L. A. Paquette), 1 May 1984 through 30 April 1985. (Project 763920 - Continuation)

\$117,946.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Immunosuppressive Properties of Retrovirus Protein, Department of Veterinary Pathobiology (R. Olsen and G. J. Kociba), 1 February 1984 through 31 January 1985. (Project 762986 - Continuation)

\$112,264.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Role of Glycolipids in Glioma Resistance to Cytolysis, Department of Pathology (A. J. Yates), Department of Radiology (R. E. Stephens) and Department of Medicine (R. L. Whisler), 1 February 1984 through 31 January 1985. (Project 762989 - Continuation)

\$111,000.00 - Department of the Air Force, Air Force Systems Command, Hanscom Air Force Base, Massachusetts, Application of Full Wave Solutions to High Frequency (HF) Heating and Generation of Irregularities in the F-Region of the Ionosphere, Department of Electrical Engineering (T. A. Seliga), 1 October 1983 through 30 September 1984. (Project 763439 - Continuation)

April 6, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$109,070.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Phase I Studies of New Anticancer Agents, Cancer Research Center (J. A. Neidhart), 1 April 1982 through 30 November 1984. (Project 763077 - Continuation)

\$108,160.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Genetics of Myogenesis: Structure and Function, Department of Genetics (S. V. Falkenthal and J. B. Griffing), 1 June 1984 through 31 May 1985. (Project 763993 - New)

\$101,198.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Physiological Analysis of Optic Nerve Disease, College of Optometry (P. F. King-Smith), 1 April 1984 through 31 March 1985. (Project 763996 - New)

\$99,000.00 - National Science Foundation, Washington, D. C., The Biology of Mixed-Species Foraging Groups: An Experimental Analysis, Department of Zoology (T. C. Grubb, Jr.), 15 February 1984 through 31 January 1987. (Project 763931 - New)

\$97,492.00 - Department of Education, Washington, D. C., Improving the Basic Math Skills and Job Awareness of Handicapped Students through Simulated Career Exploration Activities, The National Center for Research in Vocational Education (R. E. Taylor), 1 January 1984 through 31 December 1985. (Project 763423 - Continuation)

\$95,201.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Health, Labor Market Activity, and Income Security, Department of Economics (D. O. Parsons), 1 February 1984 through 31 January 1985. (Project 763411 - Continuation)

\$92,396.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Stereoisomeric Imidazolines: Adrenoreceptor Studies, College of Pharmacy (D. D. Miller and P. N. Patil), 1 April 1984 through 31 March 1985. (Project 763483 - Continuation)

\$85,000.00 - Department of the Army, Army Research Office, Research Triangle Park, North Carolina, Studies on Syntheses and Derivatives of Boron Hydride Systems, Department of Chemistry (S. G. Shore), 1 April 1984 through 31 March 1985. (Project 763039 - Continuation)

April 6, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$77,400.00 - National Science Foundation, Washington, D. C., Plastic Instability and Fracture in Steels, Department of Metallurgical Engineering (J. P. Hirth), 1 April 1984 through 30 March 1985. (Project 763970 - New)

\$75,945.00 - Department of Education, Office of Special Education and Rehabilitation Services, Washington, D. C., Leadership Training of Special Education Doctoral Students in an Interdisciplinary Environment, Nisonger Center for Mental Retardation (D. C. Cavin), 1 June 1984 through 31 May 1985. (Project 763563 - Continuation)

\$62,911.00 - Department of the Air Force, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio, Optical Flow and Texture Variables Useful in Determining and Guiding Self-Motion, Department of Psychology (D. H. Owen), 16 January 1984 through 15 January 1985. (Project 763524 - Continuation)

\$61,776.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, The Transformation from Cone to Channel Sensitivities, Department of Zoology (C. R. Ingling, Jr.), 1 March 1984 through 28 February 1985. (Project 761926 - Continuation)

\$52,907.00 - Department of Transportation, National Highway Traffic Safety Administration, East Liberty, Ohio, Improvement of the Mechanical Performance of the Thorax of the Hybrid III Dummy, Department of Mechanical Engineering (D. A. Guenther), 1 April 1984 through 30 September 1984. (Project 763710 - Continuation)

\$52,748.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Otitis Media with Effusion, Department of Otolaryngology (D. J. Lim and T. DeMaria), 1 December 1983 through 30 November 1984. (Project 760043 - Continuation)

\$48,789.00 - Department of Energy, Morgantown Energy Technology Center, Morgantown, West Virginia, Development of a Generalized Hydraulic Fracture Model, Department of Engineering Mechanics (S. H. Advani and J. K. Lee), 1 May 1986 through 31 October 1986. (Project 763827 - Continuation)

\$46,627.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Tissue Selectivity of 5-Fluorouracil Prodrugs, College of Pharmacy (J. L. Au), 1 March 1984 through 28 February 1985. (Project 763786 - Continuation)

April 6, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$42,668.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Multiple Comparisons with the Best Treatment, Department of Statistics (J. C. Hsu), 1 March 1984 through 28 February 1985. (Project 763442 - Continuation)

\$37,429.00 - Department of Transportation, National Highway Traffic Safety Administration, East Liberty, Ohio, Support of Defects Investigations, Department of Mechanical Engineering (D. A. Guenther), 20 February 1984 through 15 November 1984. (Project 763983 - New)

\$27,248.00 - National Science Foundation, Washington, D. C., History of Volcanic Activity and Glaciation during the late Cenozoic Era in the Ross Embayment, Antarctica, Institute of Polar Studies (G. Faure), 27 January 1984 through 31 December 1984. (Project 763448 - Continuation)

\$15,478.00 - National Science Foundation, Washington, D. C., Systematics of Gunnera (Gunneraceae) and Peperomia (Piperaceae) in the Juan Fernandez Islands, Chile Dissertation Improvement, Department of Botany (T. F. Stuessy and D. J. Crawford), 1 March 1984 through 28 February 1986. (Project 763992 - New)

\$8,318.00 - National Science Foundation, Washington, D. C., Feasibility Study Concerning a Possible Interdisciplinary Conference on the 'The Methodological Research Frontiers and the Social Sciences,' Department of Geography (E. Casetti), 15 February 1984 through 30 September 1984. (Project 763971 - New)

\$7,092.00 - Department of Health and Human Services, Public Health Service, Food and Drug Administration, Rockville, Maryland, The Veterinary Drug Experience Reporting Program, Department of Veterinary Clinical Sciences (W. W. Muir), 27 June 1981 through 26 June 1984. (Project 762689 - Continuation)

\$5,000.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, Discrete Control Modeling of Computer-Aided Control of Strongly Interactive Systems, Department of Industrial and Systems Engineering (R. A. Miller) and Department of Psychology (R. J. Jagacinski), 1 February 1984 through 30 September 1984. (Project 763264 - Continuation)

\$4,923.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Amphetamine, Monoamines and Behavior, College of Pharmacy (N. J. Uretsky), 1 July 1983 through 30 June 1984. (Project 761210 - Continuation)

April 6, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$4,300.00 - National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland, Ultraviolet Observations of Bright λ Bootis Stars, Department of Astronomy (A. E. Slettebak), 1 March 1984 through 31 August 1984. (Project 762142 - Continuation)

\$3,605.00 - Department of the Navy, Navy Shipyard Training, Command (Norfolk), Portsmouth, Virginia, DACUM Facilitator Training for the U. S. Navy, The National Center for Research in Vocational Education (R. E. Taylor), 1 February 1984 through 30 April 1984. (Project 763973 - Continuation)

TOTAL - FEDERAL AWARDS \$3,023,313.00

State of Ohio Research Contracts/Grants

\$22,016.00 - State of Ohio, Department of Mental Retardation and Developmental Disabilities, Columbus, Ohio, Deinstitutionalization Task Force Implementation, Nisonger Center for Mental Retardation (M. J. Guralnick), 1 February 1984 through 30 September 1984. (Project 763871 - Continuation)

\$7,750.00 - State of Ohio, The Ohio Arts Council/The Ohio Humanities Council, Columbus, Ohio, Reflections on a Glass Box: Outside Modern Architecture, Department of Architecture (R. S. Livesey), 1 January 1984 through 30 September 1984. (Project 763991 - New)

\$3,000.00 - State of Ohio, The Ohio Arts Council, Columbus, Ohio, Hacienda Punto en Otro Son, Office of Student Life (C. A. Breckenridge), 23 April 1984 through 29 April 1984. (Project 763985 - New)

\$1,000.00 - State of Ohio, The Ohio Humanities Council, Columbus, Ohio, Hitchcock Film Festival, Newark Campus and Department of English (P. B. Graham), 8 December 1983 through 28 February 1984. (Project 763990 - New)

\$1,000.00 - State of Ohio, The Ohio Humanities Council, Columbus, Ohio, New Music: OSU Hosts Nineteenth Annual American Society of University Composers Festival-Conference, School of Music (G. M. Proctor and T. Wells), 10 February 1984 through 31 May 1984. (Project 763998 - New)

\$150.00 - State of Ohio, The Ohio Humanities Council, Columbus, Ohio, The Spiritual: A History and Performance, Department of English (M. E. Rucker), 3 January 1984 through 29 February 1984. (Project 763958 - Continuation)

TOTAL - STATE OF OHIO AWARDS \$ 34,916.00

April 6, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial Research Contracts/Grants

\$356,212.57 - Price Waterhouse Company, Washington, D. C., ARAMCO Maintenance Project, The National Center for Research in Vocational Education (R. E. Taylor), 15 February 1984 through 30 September 1984. (Project 763987 - Continuation)

\$28,073.00 - Schering Corporation, Kenilworth, New Jersey, Flunixin Ophthalmic Dose Titration Study in the Dog, Department of Veterinary Clinical Sciences (M. Wyman and J. J. Kowalski), 1 January 1984 through 31 March 1984. (Project 763981 - New)

\$21,590.00 - Physicians for General Practice, Inc., Columbus, Ohio, Graduate Student Internship, Department of Human Services Education (D. J. Tosi), 1 January 1984 through 31 December 1984. (Project 763986 - New)

\$5,000.00 - Hill's Pet Products, Inc., Topeka, Kansas, Mode of Action, Toxicity, and Formulation of Insecticides Containing Citrus Products, Components of Citrus Products and/or Materials Related Thereto or Derived Therefrom, Department of Entomology (W. F. Hink), 1 May 1983 through 30 April 1985. (Project 763551 - Continuation)

\$3,400.00 - International Training and Education Company, Framingham, Massachusetts, Inresident/Fellowship/Training and Assistance for Academic Program for Mr. Jaber Al-Essa, Jubail Human Resources Development Institute, The National Center for Research in Vocational Education (R. E. Taylor), 1 March 1984 through 31 May 1984. (Project 763633 - Continuation)

\$3,000.00 - Transamerica Delaval, Inc., Trenton, New Jersey, Electrochemical Reactivity and Stress Corrosion Cracking of Turbine Disc Alloys, Department of Metallurgical Engineering (D. D. Macdonald), 1 February 1984 through 20 February 1984. (Project 761965 - Continuation)

\$1,450.00 - The Oak Rubber Company, Ravenna, Ohio, Video Job Orientation and Training Program Production, College of Education -Administration (J. J. Buffer), 10 February 1984 through 30 April 1984. (Project 763989 - New)

TOTAL - INDUSTRIAL AWARDS

\$ 418,725.57

Other Non-Federal Research Contracts/Grants

\$187,500.00 - Electric Power Research Institute, Palo Alto, California, Corrosion and Corrosion Cracking for Water Cooled Reactors, Department of Metallurgical Engineering (D. D. Macdonald), 1 January 1984 through 31 August 1984. (Project 760982 - Continuation)

April 6, 1984 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)

\$51,732.00 - University of Wisconsin, Madison, Wisconsin, MUCIA Indonesia Higher Education Project, Academic Affairs - Administration (D. G. McCloud), 1 September 1983 through 19 May 1987. (Project 763978 - New)

\$44,845.00 - North Carolina State University, Raleigh, North Carolina, Interactions between Acidic Precipitation and Arthropods: Effects on Throughfall, Soil Chemistry and Crop Production, Department of Entomology - OARDC (B. R. Stinner), 1 December 1983 through 30 November 1984. (Project 763914 - New)

\$29,940.00 - Electric Power Research Institute, Inc., Palo Alto, California, Training and Support Services for the Electric Power Research Institute Underground Obstacle Mapping System, Department of Electrical Engineering, ElectroScience Laboratory (R. Caldecott), 10 February 1984 through 31 July 1984. (Project 763972 - Continuation)

\$20,819.00 - Battelle Memorial Institute, Research Triangle Park, North Carolina, Digital Terrain Elevation Model Analysis, Department of Geodetic Science and Surveying (J. C. Loon), 14 February 1984 through 14 August 1984. (Project 763994 - New)

\$19,473.86 - National Association of Regulatory Utility Commissioners, Washington, D. C., NARUC State Member Support of the NRRI through Regularized State-Provided Contributions, National Regulatory Research Institute (D. N. Jones), 1 November 1983 through 30 June 1984. (Project 763289 - Continuation)

\$14,900.00 - EXXON Education Foundation, New York, New York, Development of Curriculum Materials for Teaching Law Students and Other Ethical and Policy Issues Related to Mediation in Court-Annexed and Free-Standing Dispute Resolution Centers, College of Law (N. Rogers), 1 November 1983 through 30 June 1984. (Project 763988 - New)

\$9,815.00 - Mayo Foundation, Rochester, Minnesota, Mechanical Factors Determining Collateral Gas Flow in Dog Lungs, Department of Veterinary Physiology and Pharmacology (L. E. Olson), 1 January 1984 through 30 June 1984. (Project 763974 - New)

\$8,610.00 - Missouri Public Service Commission, Jefferson City, Missouri, Technical Assistance for Computer Models, National Regulatory Research Institute (D. N. Jones), 1 January 1984 through 30 June 1984. (Project 763968 - New)

April 6, 1984 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)

\$5,562.00 - Children's Hospital, Columbus, Ohio, Subcontract-Children's Hospital Application to NIH-Pancreatic Function Testing with Lipid Analogues, Department of Veterinary Clinical Sciences (R. G. Sherding), 1 April 1984 through 31 March 1984. (Project 763995 - New)

\$5,000.00 - Robert L. Letcher, M.D., New York, New York, Studies of Enzymatic Effects on Blood Protein Concentration, College of Pharmacy (J. W. Williams), 1 January 1984 through 31 May 1984. (Project 763565 - Continuation)

\$4,000.00 - Battelle Memorial Institute, Columbus, Ohio, Development of Database Selection Runs, Department of Computer and Information Science (B. Chandrasekaran), 1 January 1984 through 31 March 1984. (Project 763980 - Continuation)

\$2,200.00 - North Texas State University, Denton, Texas, The Adaptation and Pilot Testing of a Pre-Service Version of ICDM, The National Center for Research in Vocational Education (R. E. Taylor), 1 March 1984 through 31 August 1985. (Project 763418 - Continuation)

\$1,000.00 - American Lung Association of Ohio, Columbus, Ohio, Adherence of Nosocomial Pathogens to Ciliated Epithelium, Department of Microbiology (N. R. Baker), 1 July 1983 through 30 June 1984. (Project 763713 - Continuation)

TOTAL - OTHER NON-FEDERAL AWARDS \$ 405,396.86

ENGINEERING EXPERIMENT STATION

State Sponsored Research and Development

\$128,196.00 - Ohio Air Quality Development Authority, Columbus, Ohio, "Transport and Transformation of Airborne Pollutants," Atmospheric Science Group, 1 January 1984 through 31 December 1984. (EES 529629 Ext. 3)

Industrial and Other Sponsored Research and Development

\$75,260.00 - from various industry for 43 development projects under the direction of eight engineering departments.

\$9,570.00 - IBM Corporation, "Automated Support for Methodologies," Department of Computer and Information Science, 1 January 1984 through 31 March 1984. (EES 529649)

TOTAL - INDUSTRIAL AND OTHER SPONSORED RESEARCH \$ 84,830.00

April 6, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Establishment of Named Funds

TBDBITL Scholarship Fund

The TBDBITL Scholarship Fund was established April 6, 1984, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the TBDBITL 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 is to be awarded as scholarship(s) to one or more deserving students by the School of Music to encourage participation in The Ohio State University Marching Band. Recipients will be selected by established procedures within the School of Music, with final approval by the Director of the School of Music, who will also approve requisitions for payment.

Should the need for this income cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as recommended by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the School of Music, in consultation with the TBDBITL Board or its designee.

Grace T. and Dorothy H. Henderson Memorial
Scholarship Fund

The Grace T. and Dorothy H. Henderson Memorial Scholarship Fund was established April 6, 1984, by The Ohio State University Board of Trustees, with gifts to The Ohio State University Development Fund from family and friends, in honor of Grace Tresch Henderson, B.S.H.E. '29, and Dorothy Hammans Henderson, a former faculty member in the College of Home Economics.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as the occasion dictates.

The annual income to \$750 is to be used to provide one or more scholarships in the name of Grace T. Henderson for sophomore, junior, or senior undergraduate students majoring in Dietetics in the College of Home Economics who best exemplify the academic excellence and professional leadership characteristic of Mrs. Henderson. The recipient must be a former 4-H member from the State of Ohio with preference going to students from Southeastern Ohio, with applicants from Noble, Harrison, Jackson, and Washington Counties receiving highest priority. The selections shall be made by the College of Home Economics in conjunction with the Student Office of Financial Aids.

The income in excess of \$750 shall be used to provide at least one scholarship in the name of Dorothy H. Henderson. The recipient shall be a sophomore, junior, or senior honor student in the College of Home Economics, with

April 6, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Grace T. and Dorothy H. Henderson Memorial
Scholarship Fund (contd)

preference given to those students majoring in Home Management and Housing. The selection of the recipient will be made by the College of Home Economics.

Should the total earnings of this account exceed \$1,500, the annual income shall be used to equally fund scholarships in the names of both Grace T. and Dorothy H. Henderson.

Should the need for this fund cease to exist, or so diminish as to provide unused income, then the income from the fund may be used for any purpose whatsoever as determined by the Board of Trustees, with special consideration given to recommendations by the Dean of the College of Home Economics.

Frank E. Bazler Law Library Fund

The Frank E. Bazler Law Library Fund was established April 6, 1984, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Frank E. Bazler, B.S.Bus. Adm. '51, J.D. '53.

All gifts are to be invested in the University's Permanent Endowment Fund under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used for the purchase of books selected by the dean of the College of Law for placement in the library of the College of Law from the Frank E. Bazler Law Library Fund.

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 law education.

Charles H. Ingraham
4-H Scholarship Fund

The Charles H. Ingraham Scholarship Fund was established April 6, 1984, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund. This fund was established by Charles H. Ingraham, Professor Emeritus and Josephine Dunkle Ingraham; their family, former students, and agri businesses.

April 6, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Charles H. Ingraham
4-H 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 the occasion dictates.

The annual income will be used to provide a scholarship for incoming freshman students from Washington or Morgan Counties enrolling in the College of Agriculture. Students must be present or former 4-H members who have demonstrated outstanding leadership potential. Students selected shall have a demonstrated interest in the marketing of agricultural products. The recipients will be selected by the University Office of Financial Aids based on the recommendations of the Assistant Dean for Student Affairs, College of Agriculture, in consultation with the 4-H Scholarship Selection Committee. Any income not used in a given year will be added to the principal at the end of that fiscal year.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income from the fund may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the Dean of the College of Agriculture at The Ohio State University.

Naurine McCormick Minority Scholarship in
Home Economics

The Naurine McCormick Minority Scholarship in Home Economics was established April 6, 1984, by the Board of Trustees of The Ohio State University, with a gift to The Ohio State University Development Fund from Naurine Requist McCormick, a member of the faculty of the College of Home Economics.

All gifts are to be invested in the University's permanent endowment fund under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as the case dictates.

The annual income is to be used to provide one or more scholarships for minority students who have good academic standing and are enrolled in the College of Home Economics. First preference is to be given to a student of sophomore academic rank. The scholarship may be renewable for a maximum of two years. The selection of the recipient is to be made by the University Scholarship Committee on Student Financial Aids upon the recommendation of a selection committee appointed by the Dean of the College of Home Economics.

April 6, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Naurine McCormick Minority Scholarship in
Home Economics (contd)

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 study of Home Economics.

Change in Description of Named Fund

The Newton D. Baker Memorial Fund

The Newton D. Baker Memorial Scholarship Fund was established February 1, 1974, by the Board of Trustees of The Ohio State University with initial gifts from John D. Drinko, LL.B. '44, of the law firm of Baker, Hostetler and Patterson, Cleveland, Ohio, and several of his friends in memory of the firm's founder, Newton D. Baker, who was also a loyal benefactor and Chairman of the Board of Trustees of The Ohio State University.

All gifts allocable to this fund are to be invested in the University's Permanent Endowment under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to support the Newton D. Baker Professorship in Law. The professorship is created to recognize the work of a distinguished scholar and teacher in the College of Law. Appointment to the Newton D. Baker Professorship of Law will be recommended to the provost by the dean of the College of Law for approval by the Board. If at any time the annual income is greater than that necessary in the opinion of the dean of the College of Law to support the professorship, or if the professorship should be vacant, the available income may, at the discretion of the dean of the College of Law, be used to award a Newton D. Baker Scholarship to one or more students in need of financial aid, or for one or more Newton D. Baker Summer Research Fellowships for faculty members of the College of Law.

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 law education.

April 6, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Withdrawal of Named Fund

The Class of 1933 Endowment Fund

The Class of 1933 Endowment Fund was established October 7, 1983 by the Board of Trustees of The Ohio State University with gifts from members of the Class of '33. Under the terms of establishment, the gifts are to be invested in the University's Permanent Endowment Fund and the annual income from the gifts used to benefit The Ohio State University Student Loan Foundation, Inc.

The undersigned, being members of the Class of 1933 Gift Committee have reconsidered the investment of the Class of 1933 Endowment Fund and hereby request that the charter of the Fund be amended by deleting the second and subsequent paragraphs thereof and substituting the following:

"All gifts, including gifts previously invested in the University's Permanent Endowment Fund and the interest accrued thereon to date of transfer, are to be deposited with The Ohio State University Student Loan Foundation, Inc. The sums so deposited are to be used for student financial aid in accordance with the Articles, Regulations and By-Laws of such Foundation.

"The gifts and interest additions deposited with The Ohio State University Student Loan Foundation, Inc. in accordance with the provisions of the previous paragraph are to be maintained as a Separate Fund within the Foundation to be known as and identified in the Foundation annual reports as The Class of 1933 Endowment Fund."

The committee understands that, under the terms of the foregoing charter amendment, the entire principal of the gifts of the Class of 1933, plus interest additions, will become available for student financial aid. The committee further understands that after the effective date of this charter amendment, the Class of 1933 Endowment Fund will no longer be listed in the Annual Report of The Ohio State University Endowment Fund, known as Cornerstone.

Respectfully submitted,

Class of 1933 Gift Committee

/s/ Russell Saxby

/s/ Luther Gunsett

Accord; for the Class of 1933
Reunion Committee

/s/ Fred Stecker

/s/ Jane Fitting

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April 6, 1984 meeting, Board of Trustees

EMPLOYMENT OF ARCHITECT/ENGINEER AND
REQUEST FOR CONSTRUCTION BIDS
MAIN LIBRARY - SYSTEM MODIFICATIONS

Resolution No. 84-113

Synopsis: Authorization to employ an engineering firm and request construction bids is proposed.

WHEREAS the Main Library air systems, primarily in the stack areas, are in need of renovation and modification to upgrade existing temperature control, humidity control and cooling source chiller plant together with auxiliary support equipment; and

WHEREAS this system modification measure provides for a three-stage construction program with the planning stage providing completed construction documents for all three stages:

NOW THEREFORE

BE IT RESOLVED, That the Vice President for Business and Finance be authorized to select a qualified engineering firm for this project in conjunction with the Department of Administrative Services and that the fees for this engineering service be negotiated between the firm selected and the Department of Administrative Services, Division of Public Works; and

BE IT FURTHER RESOLVED, That the Vice President for Business and Finance be authorized to request construction bids on this project in accordance with established University procedures, and if satisfactory bids are received, to recommend to the Department of Administrative Services, Division of Public Works, the award of contracts with all actions to be reported to this Board at the appropriate time.

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

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PLANS AND SPECIFICATIONS

Resolution No. 84-114

Synopsis: Approval of plans and specifications for the following project is proposed.

WHEREAS at the request of the Vice President for Business and Finance, the President recommended that the Board of Trustees approve the plans and specifications, bills of materials, and estimates of cost for the following project:

April 6, 1984 meeting, Board of Trustees

PLANS AND SPECIFICATIONS (contd)

CAMPUS LOTS, WALKS AND
CURBS - REPAIRS 1984

Project: Repair, slurry seal, emulsion seal coat and reconstruct various parking lots on the main campus, midwest campus and at Don Scott Field, and extend Jesse Owens Plaza, matching interweave paving brick and tree protection across Woody Hayes Drive island to accommodate pedestrian traffic traveling between the Stadium and St. John Arena.

Fundings: University Funds B/A 885071 (Traffic & Parking) (\$154,567.00)
University Funds B/A 885200 (\$41,600.00)

Estimated Project Cost: \$196,167.00

NOW THEREFORE

BE IT RESOLVED, That the plans and specifications, bills of materials, and estimates of cost for the project listed above be approved and that the President and/or Vice President for Business and Finance be authorized to sign the plans and specifications for this project and, in accordance with established University procedures, to request bids and, if satisfactory bids are received, to recommend to the Department of Administrative Services, Division of Public Works, the award of necessary contracts; and

BE IT FURTHER RESOLVED, That this action be reported to the Board at a later meeting.

Upon motion of Mr. Redman, seconded by Mr. Hilliker, 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. 84-115

Synopsis: Contracts have been awarded for the projects listed below to the lowest and best bidders in accordance with University procedures.

WHEREAS resolutions adopted by the Board of Trustees at previous meetings authorized the President and/or Vice President for Business and Finance to sign the plans and specifications and, in accordance with established University procedures, to request bids and, if satisfactory bids were received, to recommend to the Department of Administrative Services, Division of Public Works, the award of contracts for the following projects:

April 6, 1984 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

LIMA AUDITORIUM RENOVATION

Description: Renovation of the Auditorium at the Lima Regional Campus to include new seating and light replacement. The estimated completion date is October, 1984.

Painting Contract

Date Received:	February 14, 1984
No. of Bids:	3
Low Bid:	\$ 3,850.00
High Bid:	\$ 5,588.00
Estimate of Cost:	\$ 3,500.00
Awarded to:	Stouthill Construction, Stoutsville, Ohio

Seating Contract

Date Received:	February 14, 1984
No. of Bids:	3
Low Bid:	\$47,500.00*
High Bid:	\$52,545.00
Estimate of Cost:	\$67,117.00
Awarded to:	Stevenson & Associates, Dublin, Ohio*

Electrical Contract

Date Received:	February 14, 1984
No. of Bids:	7
Low Bid:	\$15,440.00
High Bid:	\$32,887.08
Estimate of Cost:	\$40,000.00
Awarded to:	Williams Bros., Delta, Ohio

*Seating contract awarded to the second low bidder in the amount of \$49,403.00 due to the superior quality of the seats being provided.

April 6, 1984 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

LIMA AUDITORIUM RENOVATION (contd)

Total All Contracts:	\$68,693.00
Total Contingency Allowance:	\$ 5,693.94 (which is 8 per cent of construction costs)
Total Project Cost:	\$76,870.00
Funding:	Am. Sub. H.B. 552, Regional Campuses Utilities and Renovation

NEIL HALL - FIRE EXIT RENOVATIONS

Description: This project consists of replacing the exterior fire escapes with interior stair wells. The estimated completion date is October, 1984.

General Contract

Date Received:	February 16, 1984
No. of Bids:	3
Low Bid:	\$139,350.00*
High Bid:	\$198,000.00
Estimate of Cost:	\$145,000.00
Awarded to:	Concepts Enterprises Inc., Columbus, Ohio*

Mechanical Contract

Date Received:	February 16, 1984
No. of Bids:	2
Low Bid:	\$ 35,000.00
High Bid:	\$ 47,700.00
Estimate of Cost:	\$ 22,200.00
Awarded to:	United Construction Equipment, Columbus, Ohio

*General Contract awarded to the second low bidder in the amount of \$140,700.

April 6, 1984 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

NEIL HALL - FIRE EXIT RENOVATIONS (contd)

Electrical Contract

Date Received:	February 16, 1984
No. of Bids:	2
Low Bid:	\$ 32,988.00
High Bid:	\$ 41,334.00
Estimate of Cost:	\$ 32,290.00
Awarded to:	Edmonds Mechanical Ctrs., Dayton, Ohio
Total All Contracts:	\$208,988.00
Total Contingency Allowance:	\$ 21,038.59 (which is 10 per cent of construction costs)
Total Project Cost:	\$249,500.00
Funding:	University Funds Account 885190 (Residence & Dining Halls)

ENERGY CONSERVATION MODIFICATIONS -
PHASE V, HITCHCOCK HALL

Description: This energy conservation project provides for the removal of the existing steam absorption unit, to be replaced with a new electric centrifugal chiller unit, with an anticipated project payback in approximately three years and eight months. Construction is to begin after cooling season shutdown in 1984, and the estimated completion date is March, 1985.

HVAC Contract

Date Received:	February 17, 1984
No. of Bids:	5
Low Bid:	\$145,600.00
High Bid:	\$153,500.00
Estimate of Cost:	\$163,500.00
Awarded to:	Limbach Company, Columbus, Ohio

April 6, 1984 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

ENERGY CONSERVATION MODIFICATIONS -
PHASE V, HITCHCOCK HALL (contd)

Electrical Contract

Date Received:	February 17, 1984
No. of Bids:	6
Low Bid:	\$ 15,600.00
High Bid:	\$ 18,900.00
Estimate of Cost:	\$ 16,500.00
Awarded to:	Electric Power Equipment Co., Columbus, Ohio
Total All Contracts:	\$161,200.00
Total Contingency Allowance:	\$ 11,284.00 (which is 7 per cent of construction costs)
Total Project Cost:	\$192,903.80
Funding:	University Funds Account 885204 (\$32,000) University Funds Account 210134 (\$32,903.80) Board of Regents Funds (\$128,000)

RECREATIONAL FIELD, SOUTH OF OHIO STADIUM

Description: This project consists of regrading the area south of the Ohio Stadium and west of Larkins Hall for multiple recreational use and sports events. Storm sewer and pumping station will be installed to handle water runoff. The estimated completion date is September, 1984.

General Contract

Date Received:	February 22, 1984
No. of Bids:	7
Low Bid:	\$185,223.50*
High Bid:	\$255,568.07*
Estimate of Cost:	\$308,020.00*
Awarded to:	The Righter Co., Inc., Columbus, Ohio

*Recommended alternates reflected in these figures.

April 6, 1984 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

RECREATIONAL FIELD, SOUTH OF OHIO STADIUM (contd)

Total All Contracts:	\$185,223.50*
Total Contingency Allowance:	\$ 18,522.66 (which is 10 per cent of construction costs)
Total Project Cost:	\$215,530.00*
Funding:	University Funds Account 882047

*Recommended alternates reflected in these figures.

NOW THEREFORE

BE IT RESOLVED, That pursuant to the actions previously authorized by the Board, the award of contracts and the establishment of project funds and contingency funds for the projects listed above are hereby approved.

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

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BLACK STUDIES COMMUNITY EXTENSION CENTER

Resolution No. 84-116

Synopsis: Authority to enter into an agreement with Charles E. Wallace and Company for the purchase of a facility to house the Black Studies Community Extension Center is requested.

WHEREAS since 1972 the University's Department of Black Studies has operated a Community Extension Center within the black community in the City of Columbus, which facility presently is located in leased space at 640 South Ohio Avenue; and

WHEREAS the purpose of the Community Extension Center is to foster greater interaction between the community and the University and to provide educational and research programs and services that enhance academic opportunities for students and that relate to community issues and concerns by offering credit and non-credit courses which promote the educational advancement of community residents, coordinating and developing community participatory research skills, serving as a meeting place for community social and civic groups and promoting interaction with individuals from the University, providing educational and psychological counseling services, establishing a community education information and referral clearinghouse, and developing and fostering community participation in cultural programs; and

April 6, 1984 meeting, Board of Trustees

BLACK STUDIES COMMUNITY EXTENSION CENTER (contd)

WHEREAS the present leased space is inadequate to meet the basic needs of the Center and to carry out the programs described above and there is a need for a new facility to accommodate current and future program requirements; and

WHEREAS Charles E. Wallace and Company has presented the University with an opportunity to acquire a new facility, containing approximately 6,940 gross square feet, to be constructed at the southeast corner of Monroe Street and Mt. Vernon Avenue, on a tract of land donated to Charles E. Wallace and Company by the City of Columbus for this purpose, at a total cost of less than \$300,000.00, which facility would be constructed in accordance with the program of requirements, plans, and specifications as approved by the University; and

WHEREAS Amended Substitute House Bill 552 adopted by the 114th General Assembly appropriated \$300,000.00 to the University for this purpose; and

WHEREAS the purchase of this facility has been approved and recommended by all appropriate University offices:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Finance from Charles E. Wallace and Company, upon successful completion of the project, the land and building to be acquired and constructed by Charles E. Wallace and Company, to provide a new facility for the Department of Black Studies Community Extension Center, at a total base cost not to exceed \$300,000.00, plus the cost of any options chosen by the University if funds are available for the purchase of such options, on the condition that Charles E. Wallace and Company obtain clear and marketable fee simple title to the property and that the facility is constructed in accordance with the program of requirements, plans, and specifications as approved by the appropriate University offices.

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

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STUDENT HEALTH INSURANCE

Resolution No. 84-117

Synopsis: Renewal of the Student Health Insurance Program with Mutual of Omaha is proposed.

WHEREAS on March 5, 1982, this Board awarded a two-year renegotiated contract (effective Autumn Quarter, 1982) to provide Student Health Insurance; and

April 6, 1984 meeting, Board of Trustees

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 on Student Affairs has ratified this recommendation--that the renegotiated contract continue to provide the existing benefits; and

WHEREAS the coverage will be available on an optional basis to all registered students at the following quarterly premium schedule:

Classification	Quarterly Premium Rates
Student	\$ 50
Student and spouse	153
Student, spouse and all children	222
Student and all children	119

NOW THEREFORE

BE IT RESOLVED, That Mutual of Omaha be awarded the renegotiated Student Health Insurance contract effective the first day of classes, Autumn Quarter, 1984, for a period of one year. The contract will provide the benefits now available under the terms of the current contract.

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

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CONGRATULATIONS TO
PROFESSOR HARVEY FRIEDMAN

Resolution No. 84-118

WHEREAS the National Science Foundation's Alan T. Waterman Award is the most significant award that can be made to a young scientist in the United States; and

WHEREAS Professor Harvey Friedman of the Department of Mathematics has been designated recipient of the 1984 Alan T. Waterman Award:

NOW THEREFORE

BE IT RESOLVED, That the Board of Trustees extends its deepest and most sincere congratulations to Professor Harvey Friedman on winning this most prestigious prize, which adds esteem not only to him and his department, but to the whole of The Ohio State University; and

BE IT FURTHER RESOLVED, That a copy of this resolution shall be placed in the permanent files of Professor Friedman.

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

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April 6, 1984 meeting, Board of Trustees

Dr. Jacob called on David W. Kramer, Dean/Director of the Mansfield campus of The Ohio State University, to introduce the presentation by the Mansfield campus representatives.

REPORT - THE PRESIDENT'S AFFIRMATIVE ACTION GRANT AT MANSFIELD

Dr. Kramer noted that OSU-Mansfield is a 600-acre campus which was given to The Ohio State University by the local community. Including the North Central Technical College, which shares the facilities, approximately 3,000 students attend programs on the campus. Dr. Kramer introduced Dr. Byron Keith who was appointed President of North Central Technical College on February 1. Dr. Kramer stated that since a general report on Mansfield and the other regional campuses had been presented to the Board last year, the report at this meeting would focus on the implementation at Mansfield of an affirmative action grant awarded by the President's Office and the Office of Affirmative Action.

Dr. Allan Dittmer, Associate Dean at Mansfield and Associate Professor of Humanities Education, outlined OSU-Mansfield's application for the grant and receipt of the award. He introduced Dr. Robert Kahn, Associate Professor of Political Science, who played a major role in the development of the grant proposal.

Professor Kahn observed that in spite of the fact that OSU-Mansfield is a regional campus located in a small community in an essentially rural area, and that it has historically attracted a disproportionately small number of minority students, it has essentially the same obligation as the main campus to provide affirmative action programs for the minority population within the community it serves. An affirmative action program was developed at Mansfield for the 1983-84 year, and the campus received the referenced grant to support the program. A minority affairs advisory committee provides direction for the efforts, which consist of three components. First, a high school program is aimed at establishing and maintaining communications with and support for black culture clubs in the high schools. Second, a minority scholarship program has been established for Mansfield, to be funded equally from the grant, the campus scholarship fund, and monies to be raised from the community. The third component of the program is a leadership program to enhance identification with and service to the Mansfield community. In this connection, a series of Saturday morning seminars for minority community leaders will be sponsored this spring. A nationally-known speaker, Mary Frances Berry, will address a campus audience on May 24.

Carolyn Payton, a member of the Minority Advisory Committee, addressed the Board from the perspective of the community. Mrs. Payton noted that the receipt of the affirmative action grant and the establishment of the advisory committee have had a wide-ranging effect on campus-community ties, communications and perceptions. The program has resulted in the discovery of many effective ways of enhancing affirmative action and educational awareness and opportunity. Mrs. Payton expressed the view that in the past, little direct contact has existed between the campus and the minority community. The affirmative action program has been a two-way communications process, and the work of the advisory committee has resulted in a heightened awareness of both community needs and campus opportunities. It is the goal of the committee to continue this initial success on a long-range basis.

April 6, 1984 meeting, Board of Trustees

REPORT - THE PRESIDENT'S AFFIRMATIVE ACTION
GRANT AT MANSFIELD (contd)

Marian Russell spoke to the Board about her experiences as a student at the Mansfield campus and a member of the Minority Affairs Advisory Committee. Ms. Russell highlighted the programs and opportunities which were available on the Mansfield campus for interested students. In particular, she stressed that scholarship funds available for OSU students enrolled at Mansfield were of particular significance in enhancing opportunities for students in her situation. Ms. Russell noted that new funds available through the affirmative action grant would further increase enrollment options for minority students.

Lisa Scott, a senior at Mansfield Senior High School and secretary of the Black Culture Club, expressed to the Board her views about the importance to her and other high school students in the Mansfield and surrounding areas of the affirmative action efforts on the Mansfield campus. In her remarks, Ms. Scott described various portions of a field trip to the Ohio State main campus organized through the Black Culture Club earlier in the year under the auspices of the Mansfield campus. She also mentioned several other events which had occurred this year due to campus interest, assistance and encouragement. Ms. Scott summed up by saying that the Mansfield campus involvement has meant that the black culture clubs have been much more able to focus on their intended purpose of enhancing cultural awareness and activity among minority high school students.

President Jennings made the following comment:

Thank you very much, Allan. I have a couple of comments. First of all, Lisa, you have one more job to do as a student as articulate as you clearly are--you must come to Ohio State, whether it is at Mansfield or Columbus; and if you don't, all these faculty members and Dean Kramer are going to be in a whole mess of trouble. We want you here. In all seriousness, this is the type of activity that not only Ohio State, but all public institutions in the State of Ohio need to be committed to. The type of creativity that the faculty and the staff and the advisory committee have exhibited here is exactly the thing we need in these times. We do indeed need new ideas, new involvement; and despite all of the "thank-yous," very little would happen without your demonstrated commitment to doing things well. And we, the institution, thank you for your hard work, for getting a lot of folks together. That is always difficult, but that type of commitment, that type of involvement is greatly appreciated by all. Thank you.

Dean Kramer made the following statement:

Thank you, Ed. I think this is a good point to announce that last week we delivered to the Columbus campus our proposal for next year's Affirmative Action Grant. We are filing a joint proposal with the Marion campus incorporating the best features of both of our programs. I understand, by the way, in talking with Frank Hale yesterday, that there are many more applications this year for these grants than there were last year, and I think that speaks very well for the program.

April 6, 1984 meeting, Board of Trustees

REPORT - THE PRESIDENT'S AFFIRMATIVE ACTION
GRANT AT MANSFIELD (contd)

Dean Kramer (contd)

The affirmative action project is not the only exciting thing that has happened at the campus this year or that will happen yet in the remaining months of the year. On your table there is an announcement of Women's Week. Women's Week was planned almost single-handedly by Dr. Beverly Kahn. It was her husband, Bob, who told you about the affirmative action project. These two programs are tremendously helpful to our campus, but the Kahns--even their contribution goes beyond that. Both of them are tenured associate professors here, and earlier this morning you approved faculty professional leaves for both of them for next year when they will be going to Italy. Beverly has received a prize for study in Italy next year and also has received a Fulbright grant for study there. So Bob and Bev and their two children will be going to Italy next year and we wish them well and we thank you for approving their leaves.

Also on the table in front of you is a white document with a light blue cover; it is a directory of the Citizen's Council members and the Alumni Advisory Board members for the regional campuses, and we invite you to take that with you. We will be making more introductions at noon--many of the Citizen's Council members are with us today and will be joining us for lunch. Again, we thank you very much for being here today. Come back any time, either as the Board of Trustees or as individuals who are dedicated to higher education; we welcome you at any time. Thank you very much for your support.

Dr. Jacob thanked each of the speakers and expressed the Board's pleasure at being on the Mansfield campus and receiving the special report on the affirmative action program.

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REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 84-119

RESOLVED, That the report on the University's Investment Portfolio, dated March 16, 1984, 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 4, 1984, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 11:00 a.m.

Attest:

Madison H. Scott
Secretary

John D. Jacob, D.D.S.
Chairman

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THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND ONE HUNDRED AND NINETY-NINTH MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, May 4, 1984

The Board of Trustees met at its regular monthly meeting on Friday, May 4, 1984, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: John D. Jacob, Chairman, D. James Hilliker, John F. Havens, Daniel M. Galbreath, Edmund C. Redman, Leonard J. Immke, Shirley D. Bowser, and Hamilton J. Teaford.

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Minutes of the last meeting were approved.

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May 4, 1984 meeting, Board of Trustees

The Chairman, Dr. Jacob, called the meeting of the Board of Trustees to order at 10:40 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: John D. Jacob, Chairman, D. James Hilliker, John F. Havens, Daniel M. Galbreath, Leonard J. Immke, Shirley D. Bowser, and Hamilton J. Teaford.

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Dr. Jacob reconvened the meeting at 11:50 a.m.

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ELECTION OF OFFICERS
BOARD OF TRUSTEES

Resolution No. 84-120

Mr. Immke presented the following slate of officers:

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 4, 1984) and shall hold their office through the May, 1985 meeting:

NOW THEREFORE

BE IT RESOLVED, That the following slate of officers for 1984-85 be elected:

D. James Hilliker, Chairman

John F. Havens, Vice Chairman

Madison H. Scott, Secretary

James L. Nichols, Treasurer

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

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Dr. Jacob called on Wilfred Nazareth, Chairman, Minority Affairs, Local 4501, Communications Workers of America to make a statement to the Board.

Mr. Nazareth made the following statement:

My name is Wilfred Nazareth. I am the Chairman of the Minority Affairs for CWA, Local 4501. I am here to present the plight of minorities. We are in the mid-1980's and discrimination is alive and thriving. Department heads don't seem to care for the goals of Dr. Jennings's affirmative action goals. I have been working on this project for over a year now. I have approached the De-

May 4, 1984 meeting, Board of Trustees

Mr. Nazareth (contd)

partment of Affirmative Action, vice presidents and directors, but I have received little or no results from them. So I decided to present the concerns of minorities to the Board and hope to achieve better results.

Let me elaborate on my findings. Don Scott Airport does not hire minorities even for jobs like aircraft attendants, as they feel blacks will hurt their business as it is one of the busiest airports in Ohio. After pointing out the lack of black employees at Don Scott, nothing has been done. The Physical Facilities Lock Shop has had problems in the past and is still continuing to have problems. They are not even going through the formalities of interviewing blacks for job openings. The machine shop supervisor swore that he would never hire a black. After my complaining to the associate from Business and Finance, the supervisor hired one black. The supervisor made a statement that the black was hired to fulfill the requirements. I have heard that the supervisor continues to hire his relatives, the latest on March 11, 1984. This man is so prejudiced that a black employee was refused the use of a microwave oven to heat his lunch.

In the Mechanical Shop a 17-year veteran black air conditioning/refrigeration technician was by-passed for a supervisory position and a plumber was appointed as superintendent of the air conditioning/refrigeration department. When I questioned the superintendent he said, "A supervisor is not supposed to know the job; all he has to do is give orders." This statement was made at a meeting in the presence of the Director of Personnel, the Director of Physical Facilities, the Administrative Director of Physical Facilities and other employees. The Mechanical Shop is plagued with racism. The minorities in the shop had to fight for their positions. None of them were awarded their jobs on merit. However, the superintendent did create higher job classifications for them. We have had blacks fired and even suspended while others are not even reprimanded. When blacks are suspended their names and cards were taken off the board, while--when a caucasian was suspended, nothing of that was done. Records of the Mechanical Shop speaks for itself.

Residence and Dining Halls refuse to open up their doors to blacks. There is a vacancy at Buckeye Village--the supervisor's job has been open for over a year now. Qualified minorities applied for the job; they were turned down. An ad was placed in the Sunday's Dispatch for a superintendent for Buckeye Village. The minorities objected and filed grievances. The Director of Personnel heard the grievances, but made no favorable decision regarding the job. Now Mr. Schwartz and Mr. Hall have decided to downgrade the position and that way the minority will have to take a pay cut to work at Buckeye Village. I had questioned Mr. Schwartz, Personnel Director of Residence and Dining Halls, regarding the job. He informed me that they had decided to reorganize. I am all for reorganizing the

May 4, 1984 meeting, Board of Trustees

Mr. Nazareth (contd)

Residence and Dining Halls. These gentlemen should be asked to put in their resignations as they are not an asset to the University. I must state they are a disgrace to OSU and the community.

In the past I contacted the associate from Business and Finance Department. He suggested that we work together to tackle the minority hiring problem, but he did not get any favorable response from other department heads. I am still willing to work with anyone to solve this problem. All I am asking from you, the Board members, and Dr. Jennings is for your support. I want to see more blacks and other minorities given the opportunity to work for OSU, not as custodians or housekeepers, but in the technical field. There are a lot of qualified minorities who can be an asset to OSU. There are too many opportunities at OSU. It is in the fairness of the process that concerns employees and myself. I feel that the University is a great place to work, but it can be a greater place to work. Not only can OSU be a leader in education and research, but also a leader in eliminating problems of discrimination.

I would now like to thank the Board for giving me this time. The material presented to the Board is just a molecule of happenings at OSU. The reason I decided to come before the Board and Dr. Jennings is because I felt the show of discrimination could be solved in the campus community without having to approach other government bodies, as I feel it is not OSU that is discriminating--it is individuals who are doing the damage. It is not Mr. John Doe or Mr. Jack Doe that will get a bad name, it is Ohio State University, a world renowned public education institution that will get a bad name which I strongly feel is not fair. Dr. Jennings has set the ground rules of Affirmative Action; all we have to do is make these people follow them. If they do not want to set aside their personal prejudices, I suggest they be relieved of their positions.

This morning when the department head found out that I was scheduled to address the Board and the subject that I was going to touch, he tried to intimidate me into not appearing before the Board by stating that I would not be paid for the time spent here. This again is an example of what takes place in instances concerning any individual who will speak out on what is right. So therefore I am asking that Mr. Madison Scott direct the department head, whose name is Mr. Richard Herb, to consider me in pay status for time spent here--unless it is an unwritten rule that a person who speaks to the Board on the subject does not get paid--then I will not expect pay. Thank you.

Dr. Jacob:

Thank you, Mr. Nazareth. Any questions, comments?

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May 4, 1984 meeting, Board of Trustees

AMENDMENTS TO THE BYLAWS OF THE BOARD OF TRUSTEES,
RULES OF THE UNIVERSITY FACULTY AND FACULTY
APPOINTMENTS, PROMOTIONS AND TENURE

Resolution No. 84-121

Synopsis: Amendments to the Bylaws of the Board of Trustees (3335-1-04), Rules of the University Faculty (3335-5-03, 3335-5-04, 3335-5-19, and 3335-5-54) and Faculty Appointments, Promotions and Tenure (3335-47-11) are proposed.

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, Rules of the University Faculty and Faculty Appointments, Promotions and Tenure as approved by the University Senate; and

WHEREAS the proposed changes in the Bylaws of the Board of Trustees, Rules of the University Faculty and Faculty Appointments, Promotions and Tenure were approved by the University Senate on April 14, 1984, as follows:

BYLAW

3335-1-04 The faculty and staff.

(A) University faculty; membership.

- (1) As used in these bylaws and in the "Rules of the University Faculty," the term "faculty" shall include persons with regular, regular clinical, auxiliary, and emeritus faculty titles on full or part-time appointments with or without salary.

RULES

3335-5-03 Election 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. Tenure is a commitment by the university and may be earned by all individuals with regular faculty status subject to 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 accord 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 by formal resignation, by retirement, by transfer to regular clinical faculty 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 fide financial exigency, as specified in rule 3335-5-021 of the Administrative Code.

May 4, 1984 meeting, Board of Trustees

AMENDMENTS TO THE BYLAWS OF THE BOARD OF TRUSTEES,
RULES OF THE UNIVERSITY FACULTY AND FACULTY
APPOINTMENTS, PROMOTIONS AND TENURE (contd)

3335-5-04 Hearing procedures for complaints against regular, regular clinical, and auxiliary faculty members.

(A) Definitions and construction.

(1) This rule shall apply only to complaints against regular, regular clinical, and auxiliary faculty members.

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 (department), associate professor of clinical (department), assistant professor of clinical (department), and instructor of clinical (department), who serve on appointments totaling fifty per cent or more service to the university. Regular clinical faculty appointments are made only in the following departments of the college of medicine: anesthesiology, family medicine, 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 department cannot be greater than one-third the number of persons holding regular faculty titles in that department. Individuals appointed to the regular clinical faculty are limited to governance participation at the departmental level, but may not participate in promotion and tenure matters of regular faculty.

- (C) "Auxiliary faculty": persons with adjunct titles, clinical titles, visiting titles, lecturers; also professors, associate professors, assistant professors, and instructors who serve on appointments totaling less than fifty per cent service to the university.
- (D) "Emeritus faculty": persons who have served the university continuously as regular or regular clinical faculty for at least ten consecutive years who, upon retirement, were recommended by the chairperson, the dean and the vice president for academic affairs and provost for emeritus status.

3335-5-54 Committee on academic misconduct.

- (A) The committee on academic misconduct shall consist of fifteen members of the university faculty, five representatives from the council of graduate students, five undergraduate students, and without vote, the dean

May 4, 1984 meeting, Board of Trustees

AMENDMENTS TO THE BYLAWS OF THE BOARD OF TRUSTEES,
RULES OF THE UNIVERSITY FACULTY AND FACULTY
APPOINTMENTS, PROMOTIONS AND TENURE (contd)

of student life (or designee) ex officio. The committee membership shall also include a coordinator, appointed by the vice president for academic affairs and provost, and charged with assisting the committee in administrative matters. The coordinator shall not participate in the decisions of the committee. The fifteen members of the university faculty shall be elected by the senate at its special meeting in June for a term of three years beginning with the summer quarter, the election to be held annually so that five members will retire each year. No member of the university faculty shall serve more than two consecutive terms.

- (1) The graduate student members shall be appointed in the summer quarter by the president of the council of graduate students, with the approval of the council of graduate students for a term of one year beginning with the autumn quarter. The undergraduate student members shall be appointed in the spring quarter by the president of the undergraduate student government, with the approval of the undergraduate student assembly for a term of one year beginning with the summer quarter.
- (2) When an unexpired term becomes vacant, the vacancy shall be filled in the same manner in which the position was previously filled. A member selected to fill such a vacancy shall serve for the duration of the unexpired term.
- (3) The committee on academic misconduct is authorized to establish panels of persons from the committee on academic misconduct which will conduct hearings and make decisions with the same authority as the committee on academic misconduct.
- (4) The committee on academic misconduct is authorized to establish rules and procedures to conduct hearings, including the definition of a quorum.

FACULTY APPOINTMENTS, PROMOTIONS
AND TENURE

3335-47-11 Regular clinical faculty ranks.

The titles of regular clinical faculty are professor of clinical (department), associate professor of clinical (department), assistant professor of clinical (department), and instructor of clinical (department). 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:

May 4, 1984 meeting, Board of Trustees

AMENDMENTS TO THE BYLAWS OF THE BOARD OF TRUSTEES,
RULES OF THE UNIVERSITY FACULTY AND FACULTY
APPOINTMENTS, PROMOTIONS AND TENURE (contd)

- (1) They are strict or geographic full-time faculty members in clinical departments in the college of medicine, as defined by the college of medicine.
- (2) They perform duties which consist primarily of patient care or clinical teaching.
- (3) They have the appropriate educational background and credentials to perform the duties outlined in (2).
- (4) They are essential to the continuing mission of the college of medicine as determined by the appropriate clinical department chairperson, dean of the college of medicine, 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 clinical departments, approved by the dean of the college of medicine, and vice president for academic affairs and provost.
- (4) If the appointment is not renewed, standards of notice must be in accord 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 deemed appropriate, the following must be accomplished:

- (1) The process of transfer from the regular faculty to the regular clinical faculty or from the regular clinical faculty to the regular faculty is initiated only upon the written request of the faculty member. A recommendation for transfer must indicate clear evidence of a change in the individual's career goals and expectations, duties, and activities.

AMENDMENTS TO THE BYLAWS OF THE BOARD OF TRUSTEES,
RULES OF THE UNIVERSITY FACULTY AND FACULTY
APPOINTMENTS, PROMOTIONS AND TENURE (contd)

- (2) An individual appointed to a tenure-eligible position as an instructor or assistant professor may transfer to the regular clinical faculty at any time before the fourth year of service, or after tenure has been granted. Transfer of a tenured faculty member to the regular clinical faculty requires resignation of the tenured position.

An individual appointed to a tenure-eligible position as an associate professor, from outside the university, may transfer to the regular clinical faculty before the second year of service, or after tenure has been granted.

- (3) An individual appointed to the regular clinical faculty at the instructor, assistant professor, or associate professor level, upon transfer to a tenure-eligible position, must meet the criteria for the granting of tenure within the established time limits including that time already served in the regular clinical faculty appointment. Transfer at the professor level can be made only with concurrent granting of tenure.
- (4) All transfers must be approved by the department appointments, promotions and tenure committee, the department chairperson, the dean of the college of medicine, 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 in accordance with criteria and procedures established by departmental faculty.

- (1) A department may recommend the promotion of an assistant professor of clinical (department) to the rank of associate professor of clinical (department) at any time up to the end of the ninth year. An individual who is not promoted by the end of nine years will be reviewed by the chairperson and the appointments, promotions and tenure committee of the department to determine if continued employment is warranted. All recommendations will be reviewed by the appointments, promotions and tenure committee of the department, the college of medicine, and the office of academic affairs.
- (2) A department may recommend the promotion of an associate professor of clinical (department) to professor of clinical (department) in recognition of outstanding accomplishments. Promotion may be recommended no earlier than the third year of service as an associate professor of clinical (department). All recommendations

May 4, 1984 meeting, Board of Trustees

AMENDMENTS TO THE BYLAWS OF THE BOARD OF TRUSTEES,
RULES OF THE UNIVERSITY FACULTY AND FACULTY
APPOINTMENTS, PROMOTIONS AND TENURE (contd)

will be reviewed by the appointments, promotions and tenure committee of the department, the college, and the office of academic affairs.

NOW THEREFORE

BE IT RESOLVED, That the foregoing amendments to the Bylaws of the Board of Trustees, Rules of the University Faculty and Faculty Appointments, Promotions and Tenure be adopted as recommended by the University Senate.

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

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UNIVERSITY HOSPITALS BOARD APPOINTMENTS

Resolution No. 84-122

Synopsis: Confirmation and approval of nominees to the University 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 amended on April 1, 1983 and March 2, 1984; and

WHEREAS the terms of four of the members selected from the general public expired on April 30, 1984;

NOW THEREFORE

BE IT RESOLVED, That the following nominees be approved as general public members of the University Hospitals Board for a term of three years, effective May 1, 1984:

Robert M. Duncan
Josephine S. Failer
Morris S. Rosenblum, M.D.
Wilbur W. Jones

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

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May 4, 1984 meeting, Board of Trustees

DEGREES AND CERTIFICATES - SPRING QUARTER COMMENCEMENT
Resolution No. 84-123

Synopsis: Approval is being requested for awarding 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

BE IT RESOLVED, That the degrees and certificates be conferred on June 8, 1984, 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. Hilliker, seconded by Mr. Teaford, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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CORRECTION

Resolution 84-75 awarding the honorary Doctor of Science degree to Arthur H. Robinson and approved by this Board on February 3, 1984, is amended as follows. The portion of the resolution which reads:

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. . .

is amended to read [underlining indicates corrected language]:

WHEREAS the Committee on Honorary Degrees and the University Senate, pursuant to rule 3335-5-57 of the Administrative Code, have approved for recommendation to the Board of Trustees awarding of an honorary degree as listed below:

Arthur H. Robinson

Doctor of Science

Upon motion of Mr. Immke, seconded by Mr. Galbreath, the Board of Trustees approved the foregoing correction by unanimous voice vote.

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May 4, 1984 meeting, Board of Trustees

HONORARY DEGREE

Resolution No. 84-124

Synopsis: Approval is requested for awarding an honorary degree.

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:

John Glenn

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

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PERSONNEL ACTIONS

Resolution No. 84-125

Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Change in Title, Reappointment of Principal Administrative Official, Appointment of Department Chairpersons, Reappointment of Department Chairperson, Medical Staff--Appointments, Leaves of Absence Without Salary, Professional Improvement Leave, and Emeritus Titles are recommended for approval.

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the April 6, 1984 meeting of the Board, including the following Change in Title, Reappointment of Principal Administrative Official, Appointment of Department Chairpersons, Reappointment of Department Chairperson, Medical Staff--Appointments, Leaves of Absence Without Salary, Professional Improvement Leave, and Emeritus Titles as detailed in the University budget, be approved.

Change in Title

Name:	Donald P. Anderson
Title:	Dean
College:	Education
Effective:	May 1, 1984
Salary:	\$67,320.00
Present Position:	Acting Dean, College of Education and Professor, Educational Policy and Leadership

May 4, 1984 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Reappointment of Principal Administrative Official

H. JUSTIN DAVIDSON, Dean of the College of Administrative Science, effective July 1, 1984 through June 30, 1989, pursuant to rule 3335-3-17 of the Administrative Code.

Appointment of Department Chairpersons

July 1, 1984 through June 30, 1985

Genetics

Russell V. Skavaril*

August 1, 1984 through June 30, 1988

History of Art

Christine V. Bornstein

Reappointment of Department Chairperson

July 1, 1984 through June 30, 1988

Physics

S. Leslie Blatt

*Acting Chairperson

Medical Staff--Appointments

Effective December 1, 1981

Charles Tweel, M.D.

Courtesy Staff in Family Medicine; Clinical Assistant Professor

Effective July 1, 1983

Sedigheh Keyhani-Rofagha, M.D.

Attending Staff in Pathology; Instructor

Effective January 1, 1984

Alice Hale, M.D.

Limited Staff in General Psychiatry; Clinical Instructor HS

William H. Roberts, M.D.

Attending Staff in Pathology; Assistant Professor

John R. Svirbely, M.D.

Limited Staff in Pathology; Clinical Instructor HS

Douglas W. Wallace, D.D.S.

Limited Staff in Oral and Maxillofacial Surgery; Clinical Instructor HS

May 4, 1984 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Medical Staff Appointments (contd)

Effective February 15, 1984

Javier Beltran, M.D.

Attending Staff in Diagnostic Radiology; Assistant Professor

Effective March 1, 1984

Gregory A. Ornella, M.D.

Limited Staff in Family Medicine; Clinical Instructor HS

James M. Sudimack, M.D.

Limited Staff in Family Medicine; Clinical Instructor HS

Leaves of Absence Without Salary

KAMRAN MAJIDZADEH, Professor, Department of Civil Engineering, effective April 1, 1984 through April 30, 1984, to accompany Governor Richard Celeste to Europe and attend several technical organizational conferences and meetings with him.

BRUCE R. PATTON, Associate Professor, Department of Physics, effective March 26, 1984 through April 22, 1984, for personal reasons.

PHILIP W. BALLINGER, Assistant Professor, School of Allied Medical Professions, effective July 1, 1984 through September 14, 1984, to complete manuscript.

Professional Improvement Leave

RIAD A. AJAMI, Associate Professor, Academic Faculty of Management and Human Resources, effective Autumn Quarter 1984 and Winter Quarter 1985.

Emeritus Titles

LEO F. SCHWERIN, The Ohio State University Research Foundation, with the title Associate Director Emeritus, effective May 1, 1984.

LEON W. BOUCHER, Department of Agricultural Education, with the title Professor Emeritus, effective May 1, 1984.

JOHN K. JUDY, Department of Animal Science, with the title Professor Emeritus, effective May 1, 1984.

BERNARD W. POLAND, III, School of Music, with the title Professor Emeritus, effective May 1, 1984.

H. WAYNE RAMSEY, School of Music, with the title Professor Emeritus, effective July 1, 1984.

May 4, 1984 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Emeritus Titles (contd)

ADA J. SEXTON, School of Music, with the title Professor Emeritus, effective July 1, 1984.

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

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RESOLUTIONS IN MEMORIAM

Resolution No. 84-126

Synopsis: Resolutions honoring the service of two of the University's faculty members who have recently died are being 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.

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

Howard F. Haines

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on December 22, 1983, of Howard Fenimore Haines, Assistant Professor Emeritus of the College of Optometry.

He was educated at The Ohio State University, receiving the B.S. degree in 1923 from the College of Business Administration. He received the B.S. degree in Optometry in 1932, and his M.S. degree in 1938, one of the first to be awarded in physiological optics. In 1983 he was among those sixty-year alumni who returned to the campus for the Alumni Day and Sunset Supper.

He served as an esteemed part-time member of the faculty of the then School of Optometry until his retirement in 1960. During his undergraduate years he was enrolled in R.O.T.C., receiving his commission in the U. S. Army Reserve at graduation. He then became associated with the Ohio National Guard, serving on active duty during both World War II and the Korean Conflict, rising to the rank of Brigadier General and deputy commander of the Ohio National Guard.

He and his wife, Sue, established the Howard Fenimore Haines, II, endowment in The Ohio State University Development Fund to help support research in optometry and visual science in memory of a son who died as a youth.

He helped to establish the Low Vision Clinic of the College of Optometry, which in 1976 was dedicated to him in honor of his national reputation in this optometric specialty. He was the author of various optometric articles dealing with low vision and optometric diagnosis.

May 4, 1984 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Howard F. Haines (contd)

On behalf of the University, the Board of Trustees expresses to the family its deepest 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.

Roy E. Snyder

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on March 23, 1984, of Roy E. Snyder, Assistant Professor in the Department of Botany on the Lima Campus.

Roy E. Snyder was born on April 8, 1924, in Alderson, West Virginia. He received the B.S. degree in Forestry in 1950 and the M.S. degree in Botany in 1951 from West Virginia University. Prior to joining the faculty of The Ohio State University at Lima in 1966, he served on the faculty of Salem College and Bethany College in West Virginia, and at Ohio Northern University, Ada, Ohio.

Professor Snyder was one of the first faculty members appointed on the Lima Campus. He was instrumental in establishing the natural area on the Lima Campus, an area of approximately 150 acres in size which is maintained in its natural state. He also helped to establish six miles of trails within the natural area and a 90 acre arboretum area.

His dedication to teaching helped many students achieve their life goals. His service, loyalty, and leadership and his positive influence upon hundreds of students will long be remembered.

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.

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

Resolution No. 84-127

Synopsis: The reports on contracts, grants, and gifts and the summary for March, 1984 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

May 4, 1984 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 March 1984, be approved.

Upon motion of Mr. Redman, seconded by Mr. Hilliker, the foregoing resolution was adopted by the Board of Trustees by unanimous voice vote.

SUMMARY FOR MARCH 1984

Source	No. of Projects	Support Level
The Ohio State University Research Foundation	82	\$4,152,553.00
Engineering Experiment Station	45	\$ 86,157.00
		\$4,238,710.00
The Ohio State University Development Fund		
Establishment of Named Funds		
The Kathryn I. Schoen Endowment Fund (Award - current women administrators or faculty women considering careers in university administration)		\$ 10,000.00
Howard E. Whiston Scholarship Fund (Scholarships - pharmacy students from Morrow County)		\$ 7,000.00
Robert L. Hocker Poultry Science Scholarship Fund (Scholarships - Department of Poultry Science)		\$ 5,512.53
Jorgen M. Birkeland Fund in Microbiology (Support - research findings by graduate students - Department of Microbiology)		\$ 5,500.00
William and Rose Papier Fund (Grant(s) for graduate research in Public Administration)		\$ 5,450.00

May 4, 1984 meeting, Board of Trustees

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

SUMMARY FOR MARCH 1984 (contd)

The Ohio State University Development Fund (contd)

Establishment of Named Funds (contd)

Rudolph Speiser Fund in Metallurgical
Engineering
(Support of the academic and research
programs - Department of Metallurgical
Engineering) \$ 5,000.00

Ruth Weiner Mount Mortar Board Fund
(Recognize an active member of The
Ohio State University Chapter of
Mortar Board) \$ 5,000.00

Report from Presidents Club

Members to date	4,638
1983-84 members: fiscal year to date	85
1984 members: calendar year to date	21
New members - March 1984	5

New Presidents Club Members - March 1984

Starlene Blazer (Mrs. John R.)	Ann Nordholt Hunnicutt (Mrs. Thomas N.)
Wilbur C. Blount	William E. Krauss Dale W. Spiegelberg

May 4, 1984 meeting, Board of Trustees

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

THIRD QUARTER SUMMARY

January 1, 1984 through March 31, 1984

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Sponsor	No. of Awards	Amount of Support
FEDERAL		
National Aeronautics and Space Administration	5	\$ 84,364.00
National Science Foundation	31	1,812,191.00
Department of Defense	15	2,208,730.00
Department of Energy	4	841,989.00
Department of Education	7	5,167,510.00
Department of Health and Human Services	49	4,050,398.00
Other Federal	14	863,255.00
TOTAL - FEDERAL	125	\$15,028,437.00
STATE OF OHIO	15	443,886.00
INDUSTRIAL	31	1,453,556.57
OTHER NON- FEDERAL	44	1,181,925.63
GRAND TOTAL	215	\$18,107,805.20

ENGINEERING EXPERIMENT STATION

Sponsor	No. of Awards	Amount of Support
STATE	1	\$ 128,196.00
INDUSTRIAL AND OTHER	133	369,829.00
TOTAL	134	\$ 498,025.00

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

July through March
1982/83 compared to 1983/84

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

CONTRIBUTIONS BY SOURCE

	Donors		July through 82-83	July through 83-84	% Change	Dollars		% Change
	July through 82-83	March 83-84				July through 82-83	March 83-84	
Alumni	33,026	35,081	\$ 6,669,321	\$ 4,864,690	(27)			
Non-Alumni	20,474	17,386	3,004,227	4,886,250	63			
Corporations	1,263	1,342	3,294,687	3,912,983	19			
Corporate Foundations	212	225	1,187,181	1,309,905	10			
Private Foundations	104	110	621,999	880,670	42			
Other	511	658	821,708	780,307	(5)			
Total	55,590	54,802	\$15,599,123	\$16,634,806	7			

TOTAL 1982-83
(July-June)

70,632 \$20,124,676

CONTRIBUTIONS BY TYPE

	July-March		% Change
	82-83	83-84	
Designated	\$12,388,949	\$13,946,343	13
Undesignated	1,063,522	1,139,538	7
Gifts-In-Kind	2,146,652	1,548,925	(28)
Total	\$15,599,123	\$16,634,806	7
Gifts (# of)	72,779	68,177	(6)

May 4, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Report - March 1984

Federal Research Contracts/Grants

\$167,369.00 - Environmental Protection Agency, Washington, D. C., Environmental Carcinogen Perturbation of Differentiation and Induction of Carcinogenesis: Human Epithelial Cells, Department of Physiological Chemistry and Cancer Research Center (G. E. Milo), 28 February 1984 through 27 February 1985. (Project 763457 - Continuation)

\$140,097.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, The Immune Complex Mediated Glomerulopathies, Department of Medicine (L. A. Hebert), 1 April 1984 through 31 March 1985. (Project 761786 - Continuation)

\$128,084.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, General Clinical Research Center, College of Medicine - Administration (M. Tzagournis) and Department of Medicine (W. B. Malarkey), 1 December 1983 through 30 November 1984. (Project 761196 - Continuation)

\$122,503.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Characterization of Anticoagulant Heparin Determinants, Department of Chemistry (D. Horton), 1 April 1984 through 31 March 1985. (Project 764008 - New)

\$122,000.00 - National Science Foundation, Washington, D. C., Liquid and Solid Helium at Very Low Temperatures, Department of Physics (D. O. Edwards), 1 April 1984 through 31 March 1985. (Project 764034 - New)

\$121,188.00 - National Science Foundation, Washington, D. C., Synthesis and Isomerization Reactions of Novel Alicyclic Molecules, Department of Chemistry (L. A. Paquette), 1 September 1984 through 31 August 1985. (Project 764023 - Continuation)

\$120,937.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Acute Phase Reactants: Induction and Host Resistance, Department of Microbiology (R. F. Mortensen), 1 March 1984 through 28 February 1985. (Project 762354 - Continuation)

\$120,000.00 - National Science Foundation, Washington, D. C., Paleoclimatic Investigations on the Quelccaya Ice Cap, Peru, Institute of Polar Studies (L. G. Thompson), 28 February 1984 through 28 February 1985. (Project 763460 - Continuation)

May 4, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$113,896.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Unsaturated Fatty Acids, Prostaglandins and Diabetes, Department of Physiological Chemistry (H. W. Sprecher), 1 April 1984 through 31 March 1985. (Project 760745 - Continuation)

\$110,000.00 - Department of the Air Force, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio, Advanced Radar Cross Section Reduction, Department of Electrical Engineering, ElectroScience Laboratory (B. A. Munk), 1 October 1983 through 30 September 1984. (Project 763740 - Continuation)

\$106,796.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Deletions and Mitochondrial Genetic Recombination, Department of Genetics (P. S. Perlman and C. W. Birky), 1 April 1984 through 31 March 1985. (Project 764400 - Continuation)

\$100,000.00 - National Science Foundation, Washington, D. C., Responses to Amputation of Superinnervated Forelimbs of Young Bullfrogs, Department of Zoology (R. A. Tassava), 1 March 1984 through 28 February 1986. (Project 764012 - New)

\$99,283.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, The Molecular Biology of Organellar Translocation, Department of Microbiology (B. R. Oakley), 1 April 1984 through 31 March 1985. (Project 763502 - Continuation)

\$90,177.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Importance of Reactive Oxygen Species in Cell Damage, Department of Medicine (A. L. Sagone, Jr.), 1 March 1984 through 28 February 1985. (Project 763467 - Continuation)

\$89,896.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Deoxyuridine Metabolism in Herpes Labialis, Department of Medical Microbiology and Immunology (M. V. Williams), 1 March 1984 through 28 February 1985. (Project 764006 - New)

\$89,000.00 - Department of the Air Force, Air Force Systems Command, Hanscom Air Force Base, Massachusetts, The Study of Gravity Field Estimation Procedures, Department of Geodetic Science and Surveying (R. H. Rapp), 1 October 1983 through 30 September 1984. (Project 762959 - Continuation)

May 4, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$81,582.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Synthesis of Biologically Active Alkaloids, Department of Chemistry (D. J. Hart), 1 April 1984 through 31 March 1985. (Project 762083 - Continuation)

\$80,652.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Synthesis of Amino Acid Derived Natural Products, Department of Chemistry (D. J. Hart), 1 April 1984 through 31 March 1985. (Project 764000 - New)

\$80,564.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Factors that Modulate the Severity of Acute Renal Injury, Department of Medicine (R. A. Zager), 1 April 1984 through 31 March 1985. (Project 764027 - New)

\$70,255.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Immunity against Enteric Viral Infections, Food Animal Health Research Program - OARDC (L. J. Saif), 1 April 1984 through 31 March 1985. (Project 764044 - New)

\$63,166.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Stochastic Fourier Transform Ion Cyclotron Resonance Mass Spectrometry, Department of Chemistry (A. G. Marshall), 1 April 1984 through 31 March 1985. (Project 763504 - Continuation)

\$63,006.00 - National Science Foundation, Washington, D. C., A Study of the Influence of Sulfur Content and Ladle Refining Practices on the Susceptibility of Low Alloy Steels to Hydrogen Flaking, Department of Metallurgical Engineering (G. R. St. Pierre and S. S. Smialowska), 1 March 1984 through 28 February 1985. (Project 764029 - New)

\$60,000.00 - National Science Foundation, Washington, D. C., Resonance Phenomena in Electron-Molecule Collisions, Department of Chemistry (C. W. McCurdy), 1 March 1984 through 28 February 1985. (Project 763440 - Continuation)

\$58,950.00 - National Science Foundation, Washington, D. C., Geometry of Banach Spaces, Department of Mathematics (W. B. Johnson), 1 May 1984 through 30 April 1985. (Project 764039 - New)

\$58,600.00 - National Science Foundation, Washington, D. C., Multiple Hydrogen Bonding, Department of Chemistry (J. Hine), 1 March 1984 through 28 February 1985. (Project 762996 - Continuation)

May 4, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$55,000.00 - National Science Foundation, Washington, D. C., Mechanisms of Persistence and Regeneration in Plant Communities: Experimental Tests on the Effects of Seed Size, Department of Botany (K. L. Gross), 15 March 1984 through 28 February 1986. (Project 764018 - New)

\$54,375.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, The Pathogenesis of Oral Candidiasis in the Rat, College of Dentistry - Oral Pathology (C. M. Allen), 1 March 1984 through 28 February 1985. (Project 763997 - New)

\$52,700.00 - International Development Cooperation Agency, Agency for International Development, Washington, D. C., Technical Assistance to Mission: Guatemala - Rural Savings Mobilization and Credit, Department of Agricultural Economics and Rural Sociology (D. H. Graham), 15 November 1983 through 31 August 1984. (Project 763301 - Continuation)

\$52,000.00 - Department of Education, Office of Special Education and Rehabilitative Services, Washington, D. C., Preparing Parent Volunteers for Increasing Handicapped Youth's Employability: A Training of Trainers, The National Center for Research in Vocational Education (R. E. Taylor), 1 June 1984 through 31 May 1985. (Project 763748 - Continuation)

\$48,633.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Cellular PD and Ion Activities in Renal Proximal Tubules, Department of Physiology (B. A. Biagi), 1 April 1984 through 31 March 1985. (Project 763050 - Continuation)

\$48,555.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Model to Study Intra and Extrathymic Influences in Aging, Department of Anatomy (K. H. Jones), 1 March 1984 through 28 February 1985. (Project 762998 - Continuation)

\$46,000.00 - National Science Foundation, Washington, D. C., Diffractive Spectroelectrochemistry, Department of Chemistry (R. L. McCreery), 1 April 1984 through 31 March 1985. (Project 763063 - Continuation)

\$42,000.00 - National Science Foundation, Washington, D. C., The Relationship between Resource Patterns and the Structure of Social Systems, Department of Zoology (J. F. Downhower), 15 March 1984 through 28 February 1985. (Project 763984 - New)

May 4, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$41,575.00 - National Science Foundation, Washington, D. C., Models of the Size and Location of Interacting Facilities, Department of Geography (M. E. O'Kelly), 1 March 1984 through 28 February 1986. (Project 764011 - New)

\$37,700.00 - National Science Foundation, Washington, D. C., Trans-Beringian Pollen Studies, Institute of Polar Studies (P. A. Colinvaux), 15 March 1984 through 28 February 1985. (Project 764005 - New)

\$35,000.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, Analysis of Helicopter Rotor Airfoils, Department of Aeronautical and Astronautical Engineering (J. D. Lee and G. M. Gregorek), 1 March 1984 through 30 June 1984. (Project 764009 - New)

\$30,000.00 - Department of the Air Force, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio, Human Joint Articulation and Motion Resistive Properties, Department of Engineering Mechanics (A. E. Engin), 1 April 1984 through 30 September 1984. (Project 763802 - Continuation)

\$30,000.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, The Design and Analysis of Single Flank Transmission Error Tester for Loaded Gears, Department of Mechanical Engineering (D. R. Houser), 1 April 1984 through 31 March 1985. (Project 764038 - New)

\$24,600.00 - National Science Foundation, Washington, D. C., Probability and Ergodic Theory, Department of Mathematics (L. Sucheston), 1 March 1984 through 30 June 1985. (Project 763618 - Continuation)

\$14,750.00 - National Science Foundation, Washington, D. C., Elliptic Systems and Hecke Operators on Locally Symmetric Spaces, Department of Mathematics (H. Moscovici), 1 March 1984 through 30 June 1985. (Project 763636 - Continuation)

\$13,630.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Effect of O₂ on Sodium Valproate Induced Craniofacial Defects, College of Dentistry - Oral Biology (R. B. Paulson), 1 March 1984 through 28 February 1985. (Project 763999 - New)

\$10,064.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, Adaptive Arrays for Satellite Communication, Department of Electrical Engineering, ElectroScience Laboratory (A. A. Ksienski), 13 March 1984 through 12 June 1984. (Project 764040 - New)

May 4, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$7,000.00 - National Endowment for the Arts, Washington, D. C., Film/Photography/Video Art Exhibition, Department of Photography and Cinema (J. R. Green), 1 January 1984 through 31 December 1984. (Project 764028 - Continuation)

\$6,472.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, The Corneal Environment, College of Optometry (R. M. Hill), 1 April 1984 through 31 March 1985. (Project 761080 - Continuation)

\$3,075.00 - Department of Transportation, National Highway Traffic Safety Administration, East Liberty, Ohio, New Car Assessment Test Procedure Analysis--Dummy Neck, Department of Statistics (P. K. Goel), 1 February 1984 through 30 April 1984. (Project 764016 - New)

\$3,000.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Minority High School Student Research Apprenticeship Program/Biological Sciences, Office of Minority Affairs (J. Cruz), 1 March 1984 through 28 February 1985. (Project 762731 - Continuation)

\$3,000.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Minority High School Student Research Apprenticeship Program/Medicine, Office of Minority Affairs (J. Cruz), 1 March 1984 through 28 February 1985. (Project 762728 - Continuation)

\$3,000.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Minority High School Student Research Apprenticeship Program/Pharmacy, Office of Minority Affairs (J. Cruz), 1 March 1984 through 28 February 1985. (Project 762730 - Continuation)

\$3,000.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Minority High School Student Research Apprenticeship Program/Veterinary Medicine, Office of Minority Affairs (J. Cruz), 1 March 1984 through 28 February 1985. (Project 762729 - Continuation)

\$2,500.00 - National Science Foundation, Washington, D. C., Conference on Skeletal, Cardiac, and Smooth Muscle Energetics June 4-9, 1984, University of Vermont, Burlington, Vermont, Department of Physiology (J. A. Rall), 1 March 1984 through 31 August 1984. (Project 764013 - New)

May 4, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$1,740.00 - National Science Foundation, Washington, D. C., Orthogonal Polynomials and Interpolation, Department of Mathematics (P. Nevai), 19 March 1984 through 31 May 1985. (Project 763583 - Continuation)

\$983.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Acute Phase Reactants: Induction and Host Resistance, Department of Microbiology (R. F. Mortensen), 1 July 1982 through 29 February 1984. (Project 762354 - Continuation)

TOTAL - FEDERAL AWARDS \$3,128,353.00

State of Ohio Research Contracts/Grants

\$226,571.00 - State of Ohio, Department of Natural Resources, Columbus, Ohio, Litter Control and Recycling Education Program, Cooperative Extension State Operations (J. D. Rohrer), 1 January 1984 through 31 December 1984. (Project 763404 - Continuation)

\$102,984.00 - State of Ohio, Department of Health, Columbus, Ohio, Care of the High Risk Mother and Infant, Department of Pediatrics (L. Cordero) and Department of Obstetrics and Gynecology (F. P. Zuspan), 1 October 1983 through 30 September 1984. (Project 764100 - Continuation)

\$4,340.00 - State of Ohio, Ohio Arts Council/Ohio Humanities Council Joint Program, Columbus, Ohio, Hornpipe and Fugue--A Survey of America's Rural Music Heritage, Cooperative Extension State Operations (N. R. McCormick), 1 January 1984 through 31 August 1984. (Project 764035 - New)

\$3,500.00 - State of Ohio, Ohio Arts Council, Columbus, Ohio, Minority Arts Program, Office of Minority Affairs (J. Cruz and F. W. Hale), 1 September 1983 through 30 June 1984. (Project 764030 - New)

\$1,450.00 - State of Ohio, Ohio Arts Council, Columbus, Ohio, OSU-Mansfield Arts and Lecture Committee, Newark Campus and Department of Educational Theory and Practice (A. E. Dittmer), 1 October 1983 through 27 February 1984. (Project 764037 - New)

TOTAL - STATE OF OHIO AWARDS \$ 338,845.00

May 4, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial Research Contracts/Grants

\$120,204.00 - Sandia Corporation, Albuquerque, New Mexico, Compact Scattering Range Performance Studies, Department of Electrical Engineering, ElectroScience Laboratory (W. D. Burnside), 27 February 1984 through 31 May 1985. (Project 764003 - New)

\$43,500.00 - Norwich Eaton Pharmaceuticals, Inc., Norwich, New York, A Single Dose Double-Blind Comparison of the Analgesic Efficacy of Orpanoxin, Aspirin, and Placebo in Patients with Pain Following Dental Extraction, College of Dentistry - Oral Surgery (J. M. Weaver) and College of Dentistry - Oral Pathology (F. M. Beck), 15 December 1983 through 14 December 1984. (Project 764010 - New)

\$40,000.00 - Adria Laboratories, Inc., Columbus, Ohio, Synthetic Studies in Anthracycline Synthesis, Department of Chemistry (J. S. Swenton), 1 April 1984 through 31 March 1985. (Project 764025 - New)

\$37,610.00 - Health Research, Inc., Buffalo, New York, The Effect of Cocarcinogens on Cellular Membranes, Cancer Research Center (L. D. Tomei), 1 December 1983 through 30 November 1984. (Project 763408 - Continuation)

\$30,000.00 - Brunswick Corporation, Marion, Virginia, Metallic Radome Design and Test, Department of Electrical Engineering, ElectroScience Laboratory (B. A. Munk), 16 February 1984 through 31 March 1984. (Project 763594 - Continuation)

\$29,023.00 - Eltech Systems, Fairport Harbor, Ohio, The Electrochemistry of the Aluminum Anode, Department of Metallurgical Engineering (D. D. Macdonald), 15 January 1984 through 15 May 1984. (Project 764032 - New)

\$25,000.00 - Adria Laboratories, Inc., Columbus, Ohio, To Pool Activities Related to Research in the Clinical Pharmacology of Various Pharmaceuticals, Department of Pharmacology (N. Gerber), 1 February 1984 through 30 June 1984. (Project 764001 - New)

\$18,338.00 - Miles Pharmaceuticals, West Haven, Connecticut, Prospective, Open, Non-Comparative Study of Ciprofloxacin in the Treatment of Patients with Selected Tissue Infections, Department of Medicine (R. L. Perkins, R. J. Fass, J. L. Plouffe and M. F. Para), 1 February 1984 through 31 January 1985. (Project 763852 - Continuation)

\$18,156.00 - Beecham Laboratories, Bristol, Tennessee, Research in Infectious Diseases, Department of Medicine (R. L. Perkins, R. J. Fass, J. L. Plouffe and M. F. Para), 1 May 1982 through 30 June 1985. (Project 763181 - Continuation)

May 4, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial Research Contracts/Grants (contd)

\$14,200.00 - Central Soya Company, Inc., Decatur, Indiana, Dietary Protein for Cows, Department of Dairy Science - OARDC (H. R. Conrad), 1 February 1984 through 31 January 1985. (Project 764007 - New)

\$8,120.00 - The Procter and Gamble Company, Cincinnati, Ohio, Morphologic Investigation of Bismuth Neurotoxicity, Department of Neurology (J. R. Mendell and Z. Sahenk), 1 January 1984 through 31 December 1984. (Project 762821 - Continuation)

\$2,850.00 - Kemin Industries, Inc., Des Moines, Iowa, A Comparison of the Effectiveness of Ethoxquin and Endox for Sparing Vitamin E in Chick Diets, Department of Poultry Science (J. D. Latshaw), 1 October 1984 through 14 May 1984. (Project 763821 - Continuation)

\$500.00 - Hoffman-LaRoche, Inc., Nutley, New Jersey, Conference: Skeletal, Heart, and Smooth Muscle Energetics, Department of Physiology (J. A. Rall), 1 April 1984 through 31 March 1985. (Project 764014 - New)

\$144.00 - CSG Corporation, Washington, D. C., Technical Assistance Project for the Microcomputer Choices Program, The National Center for Research in Vocational Education (R. E. Taylor), 1 March 1984 through 31 December 1984. (Project 763026 - Continuation)

\$72.00 - CSG Corporation, Washington, D. C., Technical Assistance Project for the Microcomputer Choices Program, The National Center for Research in Vocational Education (R. E. Taylor), 1 March 1984 through 31 December 1984. (Project 763026 - Continuation)

TOTAL - INDUSTRIAL AWARDS \$ 387,717.00

Other Non-Federal Research Contracts/Grants

\$132,190.00 - W. K. Kellogg Foundation, Battle Creek, Michigan, Interprofessional Development of Clinical and Continuing Education by the Commission on Interprofessional Education and Practice, Department of Educational Policies and Leadership (L. Cunningham), 15 February 1984 through 30 September 1984. (Project 762825 - Continuation)

\$95,694.00 - Gas Research Institute, Chicago, Illinois, Construction of Plasmids Capable of Replication in Methanogens and in *Escherichia coli*, Department of Microbiology (J. N. Reeve), 1 April 1984 through 31 March 1986. (Project 764002 - New)

May 4, 1984 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)

\$26,442.00 - Iowa State University, Ames, Iowa, Ultrasonic Non-destructive Evaluation of Aluminum Cast Materials, Department of Welding Engineering (L. Adler), 1 April 1984 through 30 September 1984. (Project 763930 - Continuation)

\$25,443.00 - American Otological Society, Inc., New York, N. Y., Otosclerosis: Histochemical, Ultrastructural and X-ray Microanalysis, Department of Otolaryngology (D. J. Lim and T. F. DeMaria), 1 July 1984 through 30 June 1985. (Project 764042 - Continuation)

\$8,438.00 - Franklin County Board of Mental Retardation and Developmental Disabilities, Columbus, Ohio, Community Worker Project, Nisonger Center for Mental Retardation (M. J. Guralnick), 31 January 1984 through 31 December 1984. (Project 763174 - Continuation)

\$6,000.00 - Ohio Animal Health Foundation, Columbus, Ohio, Effects of Pet Interaction on Selected Health Parameters of an Aged Nursing Home Population, Department of Veterinary Preventive Medicine (C. A. Neer), 1 April 1984 through 31 December 1984. (Project 764031 - New)

\$1,681.00 - Cancer Therapy and Research Center, San Antonio, Texas, Gynecologic Cancer Pathology Subcommittee, Department of Pathology (R. V. O'Toole), 30 September 1983 through 31 August 1984. (Project 764004 - New)

\$1,000.00 - Thomas M. Butler, Philadelphia, Pennsylvania, Conference on Skeletal, Cardiac and Smooth Muscle Energetics, Department of Physiology (J. A. Rall), 1 April 1984 through 31 March 1985. (Project 764024 - New)

\$750.00 - Greater Columbus Arts Council, Columbus, Ohio, New Music: OSU Hosts Nineteenth Annual American Society of University Composers Festival-Conference, School of Music (G. M. Proctor and T. Wells), 1 March 1984 through 30 June 1984. (Project 764015 - New)

\$0 - The Apple Education Foundation, Cupertino, California, Writing Across the Content Areas, Department of Educational Theory and Practice (M. Languis, V. M. Rentel and E. L. Klein), 1 April 1984 through 30 June 1986. (Project 764043 - New)

TOTAL - OTHER NON-FEDERAL AWARDS

\$ 297,638.00

May 4, 1984 meeting, Board of Trustees

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

ENGINEERING EXPERIMENT STATION

Industrial and Other Sponsored Research and Development

\$57,418.00 - from 37 sponsors for 44 development projects under the direction of four engineering departments and test areas.

\$28,739.00 - General Electric AEBG, Evendale, Ohio, "Interface Characteristics of SIC-Fiber Re-Inforged Composites," Department of Ceramic Engineering, 15 February 1984 through 31 December 1984. (529651)

TOTAL - INDUSTRIAL AND OTHER SPONSORED RESEARCH \$ 86,157.00

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Establishment of Named Funds

The Kathryn T. Schoen Endowment Fund

The Kathryn T. Schoen Endowment Fund was established May 4, 1984, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University through The Ohio State University Development Fund from friends and colleagues of Kathryn T. Schoen, Ph.D., Education, 1965, former Vice President for Educational Services and Acting Dean of the College of Nursing.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide one or more awards in amounts of \$1,000 or more for current women administrators or faculty women considering careers in university administration at The Ohio State University in order to provide leadership opportunities and career enhancement. The award may be used to underwrite research, to fund internships, educational programs, travel or similar experiences which further the recipient's opportunities for professional growth and leadership.

Following consideration of the proposals submitted, the award recipient(s) will be selected by a committee consisting of The Ohio State University Provost, the Vice President for Business and Finance, a ranking woman administrator at The Ohio State University as determined by The Ohio State University Office of the President, and Kathryn T. Schoen or her designee. Responsibility for publicizing and encouraging the submission of proposals by women interested in this award shall be the responsibility of the Office of Academic Affairs.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used in instances where the goals and objectives are in consonance with the described goals of this endowment. Such action is subject to the concurrence of the Office of Academic Affairs following its consultation with Kathryn T. Schoen or her designee(s).

May 4, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Howard E. Whiston Scholarship Fund

The Howard E. Whiston Scholarship Fund 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 Howard E. Whiston, B.S. '55, Mt. Gilead, 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 of the fund is to be used to provide one or more scholarships to deserving pharmacy students who exhibit financial need and are in good academic standing. Preference should be given to students from Morrow County who are interested in pursuing a career in community pharmacy practice. The recipients should be selected by the Awards, Financial Aids, and Honors Committee of the College of Pharmacy.

Should the need for this income 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 Dean or appropriate administrative official from the College of Pharmacy.

Robert L. Hocker Poultry Science Scholarship Fund

The Robert L. Hocker Poultry Science Scholarship Fund 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 members of the Ohio Poultry Association, colleagues, family and friends in honor of Robert Hocker's seventeen years of service to the poultry industry as Executive Secretary of the Ohio Poultry 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.

Income from this endowment shall provide scholarships or awards for undergraduate or graduate students in the Department of Poultry Science. Selection procedures and criteria shall be determined by the Department Chairperson in consultation with the Assistant Dean for Student Affairs in the College of Agriculture, and the Student Financial Aids Office, and the Executive Secretary of the Ohio Poultry Association.

Should the need for these funds 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 of the Dean of the College of Agriculture.

May 4, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Jorgen M. Birkeland Fund in Microbiology

The Jorgen M. Birkeland Fund in Microbiology 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, faculty and friends of the Department of Microbiology and 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 is to be used in support of the presentation of research findings by microbiology graduate students in the Department of Microbiology in the College of Biological Sciences at appropriate scientific meetings. The Chairman of the Department of Microbiology is authorized to utilize a portion or all of the available interest of the endowment and will have sole authority to authorize expenditures from the Fund, as approved by the Dean of the College of Biological Sciences.

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 Microbiology teaching, research, and service.

William and Rose Papier Fund

The William and Rose Papier Fund 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 William Bernard (M.A. '33) and Rose Locum (M.A. '42) Papier and their 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.

Three-fourths of the annual income of the endowed fund is to provide a grant(s) for graduate research in Public Administration for a graduate student(s) enrolled in the School of Public Administration of The Ohio State University. Selection of the recipient of the grant(s) shall be made by the Director of the School of Public Administration, based solely on merit.

The remaining one-fourth of the annual earnings shall be returned to the principal of the endowed fund. Should the grant not be awarded, it shall be accumulated and awarded in subsequent years.

May 4, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

William and Rose Papier Fund (contd)

Should the need for these funds 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 public administration studies.

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, M.A. '40, Estes Park, Colorado.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used in support of the academic and research programs of the Department of Metallurgical Engineering. The Chairman of the Department of Metallurgical Engineering will have authority to authorize expenditures from the Fund as approved by the Dean of the College of Engineering.

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 Metallurgical Engineering education.

Ruth Weimer Mount Mortar Board Fund

The Ruth Weimer Mount Mortar Board Fund was established May 4, 1984, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from John T. Mount, B.S., 1941, and family to honor Ruth Weimer Mount for her exemplary leadership to the student personnel profession as well as her dedicated service as Assistant and Associate Dean of Women and Dean of Students at The Ohio State University; as President of the National Mortar Board Honor Society, the National Association of College Honor Societies, and the National Association of Women Deans, Administrators and Counselors; and as a community volunteer.

All gifts are to be invested in the University's Permanent Endowment Fund, under the 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 4, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Ruth Weimer Mount Mortar Board Fund (contd)

The annual income shall be used to recognize, through a cash award, the active member of The Ohio State University Chapter of Mortar Board who most nearly exemplifies the Mortar Board ideals of scholarship, leadership and service and to support special Mortar Board activities as recommended by The Ohio State University chapter advisors. The funds shall be administered by the principal administrative officer of the Office of Student Affairs.

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 made by the Office of Student Affairs.

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REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS

Resolution No. 84-128

Synopsis: Contracts have been awarded for the project listed below to the lowest and best bidders in accordance with University procedures.

WHEREAS resolutions adopted by the Board of Trustees at previous meetings authorized the President and/or Vice President for Business and Finance to sign the plans and specifications and, in accordance with established University procedures, to request bids and, if satisfactory bids were received, to recommend to the Department of Administrative Services, Division of Public Works, the award of contracts for the following project:

STUDENT SERVICES BUILDING RENOVATIONS

Description: This renovation project will upgrade specific areas of the building shell to save it from complete deterioration including making necessary repairs to the roof, masonry and foundation walls as well as the replacement of the original wood windows which were installed circa 1910. The estimated completion date for this project is February, 1985.

General Contract

Date Received:	March 21, 1984
No. of Bids:	3
Low Bid:	\$459,308.00*

*Recommended alternates reflected in these figures.

May 4, 1984 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

STUDENT SERVICES BUILDING RENOVATIONS (contd)

General Contract (contd)

High Bid:	\$553,700.00*
Estimate of Cost:	\$651,920.00*
Awarded to:	Concepts Enterprise, Inc., Columbus, Ohio
Total All Contracts:	\$459,308.00*
Total Contingency Allowance:	\$ 23,246.15 (which is 5 per cent of construction costs)
Total Project Cost:	\$558,800.00*
Funding:	Am. Sub. H.B. 552, U & R

*Recommended alternates reflected in these figures.

NOW THEREFORE

BE IT RESOLVED, That pursuant to the actions previously authorized by the Board, the award of contracts and the establishment of project funds and contingency funds for the project listed above are hereby approved.

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

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EASEMENT
MARION COUNTY COMMISSIONERS

Resolution No. 84-129

Synopsis: Renewal of a storm sewer easement on the Marion Campus is proposed.

WHEREAS in 1966 the University granted to the Marion County Commissioners an easement consisting of a strip of land 1,347 feet in length and 20 feet in width for the purpose of installing and maintaining a 30-inch storm sewer; and

WHEREAS this easement has expired and a renewal is necessary for the continued maintenance of the storm sewer; and

WHEREAS the grant of this easement is conditioned upon payment to the University of the standard rate charged by the State of Ohio for easements of such a nature; and

May 4, 1984 meeting, Board of Trustees

EASEMENT
MARION COUNTY COMMISSIONERS (contd)

WHEREAS the appropriate University offices have recommended a 15-year renewal of the easement upon the same terms and conditions as the original grant:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Finance 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. Redman, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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EASEMENT
COLUMBUS AND SOUTHERN OHIO ELECTRIC COMPANY
Resolution No. 84-130

Synopsis: An underground electric service easement to Columbus and Southern Ohio Electric Company is proposed.

WHEREAS the Columbus and Southern Ohio Electric Company has requested an easement consisting of a strip of land 10 feet in width and 1,673.7 feet in length to permit the installation and service of an underground electric conduit at the University Golf Course, 3761 Kenny Road, to service the golf course irrigation system and maintenance buildings; and

WHEREAS the electric service serves only University facilities; 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 Finance 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 the easement.

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

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May 4, 1984 meeting, Board of Trustees

EASEMENT
COLUMBUS AND SOUTHERN OHIO ELECTRIC COMPANY

Resolution No. 84-131

Synopsis: Renewal of an underground electric conduit easement for Columbus and Southern Ohio Electric Company is proposed.

WHEREAS in 1969 the University granted a fifteen-year easement to the Columbus and Southern Ohio Electric Company consisting of two strips of land, one being 25 feet in width and 2,000 feet in length and the second being 10 feet in width and 455 feet in length, for the purpose of installing and maintaining underground conduits servicing buildings on the main campus of the University; and

WHEREAS this easement expired on March 26, 1984, and the Columbus and Southern Ohio Electric Company has requested a renewal of the easement for a period of 15 years; and

WHEREAS the underground conduit serves only University facilities; and

WHEREAS the appropriate University offices have recommended that the renewal of this easement be granted:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Finance 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. Hilliker, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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EASEMENT
CITY OF COLUMBUS

Resolution No. 84-132

Synopsis: Renewal of a storm relief sewer on the Columbus campus is proposed.

WHEREAS in 1966 the University granted to the City of Columbus an easement consisting of a strip of land approximately 20 feet wide and 1,785 feet in length, located approximately along Woody Hayes Drive from Ives Hall to the Olentangy River, for the purpose of installing and maintaining a storm relief sewer; and

WHEREAS this easement has expired and a 15-year renewal of this easement for under the same terms and conditions as the original easement is in the best interest of the University; and

May 4, 1984 meeting, Board of Trustees

EASEMENT
CITY OF COLUMBUS (contd)

WHEREAS the storm relief sewer for which this easement is requested 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 Vice President for Business and Finance 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 the easement.

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

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EASEMENT
CITY OF COLUMBUS

Resolution No. 84-133

Synopsis: Renewal of a storm relief sewer on the Columbus campus is proposed.

WHEREAS in 1962 the University granted to the City of Columbus an easement consisting of a strip of land approximately 20 feet wide and 1,825 feet in length, running approximately from the intersection of Kinnear and North Star Roads to Wiseman Hall, for the purpose of installing and maintaining a storm relief sewer; and

WHEREAS this easement has expired and a 15-year renewal of this easement for under the same terms and conditions as the original easement is in the best interest of the University; and

WHEREAS the storm relief sewer for which this easement is requested 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 Vice President for Business and Finance 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 the easement.

May 4, 1984 meeting, Board of Trustees

EASEMENT
CITY OF COLUMBUS (contd)

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

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DENTAL CARE GROUP INSURANCE PROGRAM

Resolution No. 84-134

Synopsis: Dental insurance contract is recommended for award.

WHEREAS the Board of Trustees on April 1, 1983 designated Ohio Medical Indemnity Mutual Corporation as the provider of the faculty/staff dental insurance program contingent upon resolution of issues relating to the implementation of a dual choice plan; and

WHEREAS the proposed dual-choice plan, upon further review and evaluation, was determined to be inconsistent with the overall best interests of the University; and

WHEREAS a University dental plan committee composed of practitioners and faculty/staff members of the University was appointed to conduct an extensive evaluation and review of the University's dental program needs; and

WHEREAS this committee has completed its study and submitted its findings and conclusions to the University, and on the basis of this report bid specifications were developed for dental coverage as outlined in the committee study; and

WHEREAS quotations were requested from 14 insurance firms and responses were received from 7 providers; and

WHEREAS the appropriate University offices have made a comparative analysis of the program elements, the rate quotations and the provider delivery capabilities, and based on this review a recommendation for the award of contract has been formulated:

NOW THEREFORE

BE IT RESOLVED, That contingent upon the implementation of a Preferred Provider Organization network, Ohio Medical Indemnity Mutual Corporation be designated as the carrier for the group dental insurance program at a monthly premium of \$9.08 per faculty/staff member, or an estimated annual premium of \$1,400,676. Coverage will be available for dependents on an optional basis at a monthly premium of \$9.08 for one dependent and \$21.91 for two or more dependents. Fifty percent of the premium for dependent coverage will be paid by the University (estimated annual cost, \$664,470); the balance will be paid by the participating faculty/staff members via payroll deduction. Total estimated annual cost for the dental program is \$2,729,616; and

May 4, 1984 meeting, Board of Trustees

DENTAL CARE GROUP INSURANCE PROGRAM (contd)

BE IT FURTHER RESOLVED, That the contract for coverage be awarded for a 24 month period effective July 1, 1984 with the understanding that this contract is subject to renegotiation if the issues relating to a Preferred Provider Organization cannot be satisfactorily resolved on or before December 31, 1984. As part of the review process the Office of Personnel Services shall consult with the Dental Committee regarding these issues.

Upon motion of Mr. Immke, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution with seven affirmative votes cast by Messrs. Hilliker, Havens, Galbreath, Redman, Immke and Teaford and Mrs. Bowser, and an abstention by Dr. Jacob.

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PRESIDENT'S REPORT ON BUDGET PLANS AND STRATEGIES FOR 1984-85

During the meeting of the Fiscal Affairs Committee of the Board of Trustees, President Jennings presented the following budget plans and strategies for 1984-85. The President's statement was followed by the questions and comments which are also included below. The guidelines were subsequently approved by vote during the regular meeting of the full Board.

President Jennings:

Mr. Chairman, I am pleased to bring before the Board today, budget guidelines for the 1984-85 fiscal year that represent a return to normalcy within the institution. The State of Ohio has, in the last year, achieved budgetary stability, which has enabled the University to make realistic plans for the future reflecting this stable base of support. As all of you know, even our planning timetable returns to the University's regular cycle with this May recommendation of guidelines.

Our budget remains very tight, however. Fiscal 1984-85 marks the second year of a biennium in which Ohio State is only beginning to recover from the devastating effects of four budget cuts in the preceding three years. Our priorities during that time have been to achieve stability; maintain quality; and even make some progress in that regard; and to guard the vital concept of accessibility by holding down tuition and fee increases for our students.

The manner in which the deans, the faculty, staff, and student body have supported these goals in responding to our budget problems has brought us to the point where I am now able to recommend guidelines that begin to move us forward. For that, I want to express our thanks to all those who have been involved in guiding the University through an extremely difficult period.

Nevertheless, I do want to emphasize that our state appropriation is still \$12 million short, in inflation-adjusted dollars, compared to the state appropriation for 1979-80. We need to remind ourselves that Ohio's new tax base, created in the spring of 1983, replaced only

May 4, 1984 meeting, Board of Trustees

PRESIDENT'S REPORT ON BUDGET PLANS AND
STRATEGIES FOR 1984-85 (contd)

President Jennings (contd)

\$250 million of a \$500 million state budget deficit. With the state funding provided for 1983-84 being at the same level as that appropriated the previous year, prior to the budget cuts, the \$13 million in additional state funds for the next fiscal year represents an effective increase of only 3 percent a year for the entire biennium.

These guidelines for 1984-85 reflect our continued adherence to the five-year compensation plan developed three years ago by the University Senate's Faculty Compensation and Benefits Committee; and to the priority recommendations of the Fiscal Advisory Committee, which emphasized the importance of enhancing academic quality even as we continue to work toward improving accessibility.

Pursuing excellence within the institution means providing special funding for targeted areas; continuing our attention to maintaining competitive salaries; and making progress on the reduction of our enormous equipment and library needs backlog. Comprehensive quality also, of course, requires adequate funding to the operating budgets of individual colleges.

Just as important to our students as the quality found in the University's faculty and academic resources, is the cost of their education. Even under retrenchment, we have been able to hold Ohio State's tuition and fees to levels well below the Board of Regents' statewide guidelines. We remain committed, within available resources, to continue our efforts to make progress in overcoming Ohio State's unfortunate status as one of the highest cost institutions among our sister universities in the Big Ten.

It is in this context that I bring to the Board these budget guidelines for 1984-85. In keeping with a return to normal budget cycles throughout the institution, it is my intention to recommend to this Board at its June 7 meeting the final budget for 1984-85. However, barring very unusual circumstances, the guidelines I am outlining today reflect what those recommendations will be.

Specifically, I am recommending a salary increase of 3 percent for our faculty and staff and providing 4 percent in salary funds for merit increases. Additionally, as in the past, central dollars will be provided for market adjustments and promotions. Our salary budgets also provide for Civil Service employees the average 7 percent pay raise recently mandated by the Ohio General Assembly.

In keeping with the recommendations in the five-year plan of the Faculty Compensation and Benefits Committee of University Senate, Ohio State has been striving to improve its salary ranking relative to the Big Ten. We have succeeded in moving into first and second

May 4, 1984 meeting, Board of Trustees

PRESIDENT'S REPORT ON BUDGET PLANS AND
STRATEGIES FOR 1984-85 (contd)

President Jennings (contd)

place in the different faculty ranks. This year's increase represents not only attention to inflation, but also our commitment to maintaining our rank.

This salary recommendation also is closely in line with the 7.9 percent increase recommended by the members of the University Senate Fiscal Committee. However, I should point out that the Faculty Compensation and Benefits Committee has been involved in a study which suggests that the Big Ten, our traditional benchmark, has been losing ground in its relative salary ranking with all colleges and universities. This committee's higher recommendation of 9.5 percent salary increases reflected a new, nationwide comparative grouping.

While the salary guidelines I am recommending today continue to follow the five-year plan adopted in 1981, I believe the Faculty Compensation and Benefits Committee has raised an important issue that merits our serious attention. We need to ascertain the appropriateness of continuing to use the Big Ten as our only salary comparison group. We do indeed compete in the national arena. Therefore, I have asked the Compensation and Benefits Committee to continue to refine its study, and provide a more detailed report on the possibility of adopting a new comparative base for future years.

Our continued progress on building comprehensive quality demands that our salary levels enable us to retain and attract the very best faculty and staff. Correspondingly, our academic programs and support services must be returned to adequate funding levels. For the colleges' and offices' operating and equipment budgets, I am recommending 6 percent increases for 1984-85. This amount provides new funding rather than limited recovery from earlier budget cuts. That pattern of the past few years is behind us, and our deans will now be able to make decisions from a clearly defined budget base.

As we strive to provide the funding necessary for the multitude of programs which make this a comprehensive University, we also must continue to recognize that resources are indeed limited. We are all faced with the challenge of continually evaluating programs, and searching for more cost-effective methods of performing needed services. While working to enhance our ability to attract external resources, we also must demonstrate as an institution that the most effective use is being made of our existing resources.

To strengthen our continuing efforts in reallocating resources internally to meet changing needs and support demonstrated excellence, I am also asking the deans and vice presidents to implement plans for operating their units at 97 percent of their 1984-85 base budgets by July 1, 1985.

May 4, 1984 meeting, Board of Trustees

PRESIDENT'S REPORT ON BUDGET PLANS AND
STRATEGIES FOR 1984-85 (contd)

President Jennings (contd)

Implementing further efficiencies, improving cost containment and continuing the reductions in programs and services which are no longer needed or central to the University's mission will be the basis for generating this 3 percent reallocation. The funds resulting from these actions will be used to assist in extending our emphasis on academic excellence, as well as supporting new program and service initiatives.

As we discuss new initiatives to build excellence, I want to digress for a moment to a related item. Through the Office of Research and Graduate Studies, the University has this year provided \$1.4 million in seed monies to assist faculty in initiating new research and scholarship efforts; that has been done in almost every college in the institution. Those funds have been awarded to more than 130 faculty members who successfully competed for support. That program will be recommended for continuation in the coming fiscal year.

The final funding item covered in these guidelines also relates to research--that is, funding for equipment and libraries. We have made noticeable strides in the past three years on budgets for maintenance and replacement of out-dated and obsolete equipment. That will continue, with a \$5 million special allocation that I am recommending yet this fiscal year.

Next, we turn to guidelines on University-wide fees. Overall, the average for all fee and rate increases throughout the institution will be held to 6 percent. While this amount is above the current inflation rate of 4 percent, it reflects the fact that this biennium's state appropriations still left us with a total budget that was far too low.

In addition, Ohio State has maintained its tuition charges at levels below those used in the Board of Regents state funding models, by not increasing student fees at the rates suggested during the past years of budget shortfalls. Even with the 1984-85 increase, we will continue to be at tuition levels substantially below those projected by the Regents.

On tuition and fees, I am recommending a 5.5 percent increase at the undergraduate level and a 7.5 percent increase for graduate and professional students. In keeping with the concept that availability of financial aid is just as important to accessibility as tuition rates, I am also recommending a concurrent allocation to the Student Financial Aids budget to cover the full amount of the tuition increase for students currently receiving aid, as well as any newly eligible students.

May 4, 1984 meeting, Board of Trustees

PRESIDENT'S REPORT ON BUDGET PLANS AND
STRATEGIES FOR 1984-85 (contd)

President Jennings (contd)

This level of increase comes only after thorough consideration of the University Senate Fiscal Committee's recommended increases of 6.5 percent for undergraduates and 8 percent for graduate and professional students. In light of Ohio State's unique role in the state as a land-grant institution, with the historic mission of providing access for all Ohioans, I believe we must continue to strengthen our efforts to reduce the total share of costs paid by students and their parents.

Our budget discussions with the Regents and with the General Assembly also will strongly emphasize the need to reduce students' overall share of the costs of higher education throughout Ohio. Ohio State remains a relatively high cost public institution. This year, we expect our tuition increase to be one of the lowest percentage increases in the Big Ten. But we need to continue to do all we can to further improve our ranking on the relative cost of an Ohio State education.

When we look at the total impact of other charges to the student body, I am pleased to report even lower increase guidelines in other areas of special concern to our students. Residence and dining hall fee guidelines stand at a 3.2 percent consolidated average, which includes the various rates for the many different housing arrangements and meal contracts. I want to take this opportunity to single out the administration and staff of the residence and dining halls for their significant progress in holding costs down. It is through their achievements that this ranks as the lowest of all the major fee increases I will be recommending with the budget in June.

For commuter students and our faculty and staff, parking fee increases also are held relatively low, to a 3.7 percent average. In the University Hospitals, increases will average 6 percent. This also is a very positive reflection on the cost containment measures implemented by the Hospitals staff in recent years.

While this second year of the biennium provides limited resources, its stability provides hope that the new biennium beginning in July, 1985, will provide enhanced support to allow even greater progress. We are committed to continuing our emphasis on excellence and accessibility, while maintaining the comprehensive diversity of this great University.

I would recommend those guidelines for your approval and I will be happy to answer any questions that you might have.

May 4, 1984 meeting, Board of Trustees

PRESIDENT'S REPORT ON BUDGET PLANS AND
STRATEGIES FOR 1984-85 (contd)

Mr. Galbreath:

I'm not quite sure where we are in this ranking that you talk about. On page 3 you say we are among the highest in costs of our sister universities and then later on I think you are saying that we are one of the lowest. I'm not sure I understand where we are.

President Jennings:

We rank--as you know historically we compare ourselves in the Big 10--we rank third in tuition charges in the Big 10. Michigan and Michigan State are first and second.

Mr. Galbreath:

And higher.

President Jennings:

And higher. And we are about \$300 per year below them. Add up roughly \$1,500 per year--I'm speaking about the undergraduate level now. But, unfortunately the fourth is in the area of \$1,200 lower and it rapidly goes down from there. Not including Northwestern--we can't compare tuition at the private school. The State of Ohio ranks fourth in the nation in tuition charges for all of their public institutions. We have been making some progress by not only having lower rate increases than the Big 10, but lower rate increases than the Board of Regents has recommended in their formula activity. We are on average about 90 percent of what the Board of Regents would recommend for the entire State of Ohio as our tuition. In attempting to hold that down, we are a high cost public institution. The essential reason is that while we rank very high in tuition charges, the State of Ohio ranks on the order of 41st in the nation in public support provided to public institutions. And that 41st ranking in the nation is down from 46th in the nation two years ago. So that our tuition by any standards, any public school standards, is high. Now, by private school standards it is obviously very low, but as a public institution we are high when compared to the Big 10 and we are high when compared to the nation.

Mr. Galbreath:

On page 4 you talk about the faculty ranks--first and second in different faculty ranks. Does that mean that our faculty salaries are high, at the top?

President Jennings:

What has happened is that in the last three years--and the traditional comparison of our faculty salaries--of our market, if you will--has been the salaries in the Big 10. And during this time we have by policy--going through budget cuts--put a very great degree

May 4, 1984 meeting, Board of Trustees

PRESIDENT'S REPORT ON BUDGET PLANS AND
STRATEGIES FOR 1984-85 (contd)

President Jennings (contd)

of emphasis on our salary structure relative to the competition. We have measured the competition historically by salaries in the Big 10 as a collection of the finest quality public institutions truly in the nation. What the Faculty Compensation and Benefits Committee has begun to look at--and I think we need to take a serious look at--is that while we have been making great progress in the Big 10, and again as to our ranking in the Big 10, the preliminary evidence suggests that the Big 10 as a group has been declining relative to the rest of the nation. And while we can begin during the next year to argue as to what group we ought to compare ourselves to, there is some serious evidence that suggests that in modern times we may be comparing ourselves to the wrong group in terms of the outstanding quality institutions of the nation. I am not convinced of that yet, but I think that there is sufficient evidence that we need to take a hard look at that. Anecdotally, the University of Wisconsin and the University of Iowa last year had no salary increases; the University of Michigan and Michigan State were on the order of 2 percent salary increases--those states have been hit very, very hard in this difficult time. No question that we are competing at the national level. Historically we have felt that the Big 10 represents a good sample of the national level. But, I am concerned that perhaps there is sufficient evidence to take a strong look at the possibility of a new comparison group because the Big 10 may be slipping.

Mr. Galbreath:

Thank you.

President Jennings:

I think the other thing is to keep in mind as the higher salary increases, as you noticed through this budget--to accomplish the tasks that we need to accomplish and given that this budget was made in a budget-cutting mode, namely in March and April of 1983, the funds simply would not be available at this stage to make an advance. I am convinced we are not hurting the institution, but there may be some legitimate evidence that we need to look at a broader spectrum of faculty salaries.

Dr. Jacob:

What will the typical per quarter undergraduate pay for 12 hours or more? \$550 per quarter?

Mr. Ihrig:

\$547.

May 4, 1984 meeting, Board of Trustees

PRESIDENT'S REPORT ON BUDGET PLANS AND
STRATEGIES FOR 1984-85 (contd)

Dr. Jacob:

That will be instructional and--

President Jennings:

Instructional and general.

Mr. Havens:

Are there any further questions? Will this be presented for formal vote at the June meeting?

President Jennings:

Yes. What we will do now--and that is an appropriate question, Jack, because we unfortunately haven't been able to do it this way in the last three years--what we will do now is to send these guidelines to the various administrative units. They will come back in with salary and general expense recommendations as it goes through the institution and we will come back to you with the implementation of that. Our expectation is that salary increases will average 7 percent and tuition and fees will average 6 percent as we suggested; but we need to go through the process and give our people the guidelines; and essentially what we are doing is approving tentatively the guidelines that will establish the budget to be presented in June.

Mrs. Bowser:

I think it is remarkable that the dining facilities and residence halls have been able to keep their costs down--I think that's a remarkable situation.

President Jennings:

They have. As I said I am enormously pleased at what the dormitories and residence halls have been able to do. I look forward to the entire institution next year with this 97 percent base capability. The rest of the institution has now a standard to compare themselves with in residence and dining halls.

Mrs. Bowser:

Have they worked strenuously within their component to keep their costs down? I mean, has that been a real target of theirs?

President Jennings:

This has been a very active working group to monitor and manage those costs. I think it is particularly significant that during these budget times those units have been hit harder than some of the

May 4, 1984 meeting, Board of Trustees

PRESIDENT'S REPORT ON BUDGET PLANS AND
STRATEGIES FOR 1984-85 (contd)

President Jennings (contd)

other units in the institution. They have not only kept their costs down in an absolute sense, but in a relative sense they have done far better than the rest of the institution. I think it is appropriate to single out the University Hospitals people, as well. We are in a period where the typical consumer price index does not apply to hospital costs and for three years now--three years ago the Hospitals had no increase in rates, last year they had a 7 percent increase in rates, this year they are going with a 6 percent increase in rates, and by any standard in Ohio or in the nation that is an outstanding performance when hospital rates on an average are going up yearly 12 and 15 percent, our people are averaging less than 5 percent for a three year period. And while we need some reallocation, I think that is why I can be very confident that we can reduce budget bases in the rest of the institution by 3 percent because those folks can do the same thing. I think it is remarkable what these people have done.

Mr. Havens:

Any further questions on this matter?

Upon motion of Mr. Hilliker, seconded by Mr. Immke, the guidelines recommended by the President were approved by unanimous voice vote.

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APPRECIATION TO JOHN D. JACOB

Mr. Hilliker made the following statement:

I would like to say, John, on behalf of the Board, what a pleasure it's been serving with you over the years and don't be a stranger--I know you can't afford to be a stranger because you couldn't give up the income you have taken from us on the golf course. Your efforts have been appreciated. It's been fun.

President Jennings made the following statement:

Dr. Jacob, I would like to second that on behalf of The Ohio State University, its administration, its faculty, its students, its staff. Your contributions during these last nine years, and particularly during this last year as chairman, have been substantial and significant; and on behalf of the entire Ohio State community we would like to thank you for your efforts. There have been a lot of issues during these last several years and without your skill and guidance, I'm confident that we would not have been able to do as well as we have. And we'd like to present a small token of our appreciation to you that will help you remember us and keep you coming back.

May 4, 1984 meeting, Board of Trustees

APPRECIATION TO JOHN D. JACOB (contd)

President Jennings presented Dr. Jacob with a gavel inscribed as follows in recognition of outstanding service as a member and chairman of the Board of Trustees:

JOHN D. JACOB

In appreciation of his service

to the Board of Trustees of

The Ohio State University

Member 1975-1984

Chairman 1983-1984

Dr. Jacob made the following statement:

Thank you very much. I had this four page speech prepared, but I think I had better dispense with that. I certainly have enjoyed serving in this position. I have made public service a very important part of my life for approximately the last 20 years or so, particularly since I graduated from Ohio State. And this is by far the most enjoyable position I have served in and I think certainly by far the most enjoyable group of people that I've served with, not only fellow Trustees, but serving with two presidents and various staff members, and certainly the two secretaries that we've had over these past nine years. This has all made it more enjoyable and more worthwhile and I certainly want to extend my sincere appreciation. Ed, I enjoyed working with you. I think together you and the Board and the various chairmen have accomplished a great many things that will improve the University and make it a better place in the years to come. And certainly, Madison, I want to express to you my appreciation for really a heck of a job well done. I don't always agree with Madison, I don't always agree with the President, but we can certainly have an open discussion of our ideas. Our goals are always the same and that is to do what we perceive to be the best thing for the University, for the students, faculty, and staff, and for the people of the State of Ohio.

This institution is a marvelous asset. I think as you serve in the position of Trustee and spend time on the Board--because it may take more than a few years to really realize what a fantastic asset it is--you begin to appreciate what the University means to the people of Ohio and in fact the nation. I think that we do a marvelous job at what we do, which is providing a broad-based educational opportunity on an open enrollment basis to the students--the potential students of our state.

It has always amazed me that governors, certainly from different political persuasions, have been able to appoint people who are sincerely interested in this job, people who at no remuneration put

May 4, 1984 meeting, Board of Trustees

APPRECIATION TO JOHN D. JACOB (contd)

forth immense amounts of their time. And we don't have political disagreements; we have disagreements, but they are based on individuals' perceptions as to what is best for this institution.

I might also point out for the public that is in attendance today, that the people on this Board the past year have had a 90 percent attendance rate--I think that is fantastic for the type of Board that we are and for the distances that some people have to travel and for some of the very high level business leaders that we have on this Board to make that time. And they have to make it, it's not something that they just casually come by, they have to put this on their schedule and they have to make this a priority item. And they do. And I think anytime that you can get a 90 percent level of participation for this type of activity, you really have sincere interest and you are going to be able to provide the leadership and provide improvement to the institution. So, it has made my job more pleasurable and a lot easier to know that these people are going to be here and have input.

It has been a pleasure these years working with all of you and I'm going to miss you, naturally, but I hope to continue my involvement in the University, in some way or another. You will all have some unfinished jobs that you can't get done during the time you are chairman, but it is great to know that the leadership is guaranteed for many years in the future to be good, interested leadership, and solid and sincere, active and intelligent people. Thank you, once again. It's been my pleasure--and I've got, what, ten or eleven more days to serve, and maybe we will get a few more things solved during this time. Thank you, Scottie, thank you all.

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REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 84-135

RESOLVED, That the report on the University's Investment Portfolio, dated April 20, 1984, 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 Thursday, June 7, 1984, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Madison H. Scott
Secretary

John D. Jacob, D.D.S.
Chairman

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APPENDIX IV
Degrees Conferred at
THE OHIO STATE UNIVERSITY
COMMENCEMENT CONVOCATION

June 8, 1984

Commencement Speaker

John Glenn Doctor of Laws

Native Ohioan John Glenn has achieved an unusually large number of distinctions during his career. After successes in sports and other activities at New Concord High School and Muskingum College, Glenn pursued his childhood interest in flying and earned his private pilot's license before his 20th birthday. He entered the armed forces after the attack on Pearl Harbor, beginning 23 years of military service that were highlighted initially by his combat experience during World War II. Service as a flight instructor was followed by further combat duty during the Korean War. Soon after, Glenn became a test pilot and, in 1957, first attracted national attention for his record-setting supersonic transcontinental flight—three hours and 23 minutes from Los Angeles to New York. That feat led to his selection as one of the first seven American astronauts and his entry into the history books as the first American to orbit the earth. His triumphant return included New York City's largest-ever ticker-tape parade and an address to a joint session of Congress. After further service in the space program and several successful years in private business, Glenn returned to public service with his election to the U.S. Senate in 1974 by a one million vote margin. His re-election bid in 1980 succeeded by the largest margin in Ohio history—1.6 million votes. He serves on the Foreign Relations Committee and the Governmental Affairs Committee and is ranking minority member of the Special Committee on Aging. The University is honored to recognize his achievements and proud to have him address today's graduates.

Recipients of Honors

Harvey Brooks Doctor of Science

The Benjamin Peirce Professor of Technology and Public Policy at Harvard University, Harvey Brooks has done much to shape the academic study of the effects of science and technology on society. With undergraduate training in mathematics and a doctoral degree in physics, early in his career he was involved in nuclear energy research. He made major contributions to nuclear propulsion programs and to nuclear reactor safeguards. After joining the Harvard faculty as Gordon McKay Professor of Applied Physics in 1950, he began to build his international renown through his untiring service to the academic world, government, and the private sector. A sampling of his vast number of professional activities shows that he was co-chairman of the Committee on Nuclear and Alternative Energy Systems for the National Academy of Sciences and founding editor of the *International Journal of the Physics and Chemistry of Solids* and editorial adviser to half a dozen other publications. He is also a fellow of the American Nuclear Society and the American Physical Society, a member of the National Academy of Sciences and the National Academy of Engineering, and a member of the Board of Trustees of the German Marshall Fund of the United States. Colleagues refer to him as "the pre-eminent spokesman and dean of science and technology in the United States" and "the most knowledgeable and influential individual in the United States when it comes to issues of science policy and policy for science." Ohio State is proud to recognize him for his inspiration to scholarship on this campus and throughout the world.

Archbishop Iakovos Doctor of Humane Letters

This year marks Archbishop Iakovos' 25th year as Primate of the Greek Orthodox Church of North and South America, his 30th year as a bishop, and his 50th year as a priest. He is spiritual leader to more than two million Greek Orthodox Christians in more than 550 parishes throughout the Western Hemisphere and has served ably as teacher, administrator, theologian, and statesman. He has been a champion for the unity of all Christians and, in 1959, was the first Greek Orthodox Archbishop in four centuries to meet with a Roman Catholic Pontiff. He also has promoted close working relationships among leaders of all religions, serving as president of the World Council of Churches from 1959-68. He is a member of the honorary board of the Advisory Council on Religious Rights in Eastern Europe and the Soviet Union, affiliated with the U.S. Senate's Committee on Foreign Relations. He has been in the forefront of the civil rights movement and marched with Martin Luther King Jr. More recently, he has spoken out forcefully against the violation of human rights and religious freedom and has protested the actions of oppressive governments throughout the world. The Archbishop is chairman of the Board of Trustees of the Hellenic College and Holy Cross Greek Orthodox School of Theology in Massachusetts and president of the Board of Trustees of the Saint Basil Academy of Garrison, N.Y. His numerous recognitions include the Presidential Medal of Freedom, awarded by President Jimmy Carter in 1980. The University is honored to recognize his half century of service to the religious and secular worlds.

Recipients of Honors

Arthur H. Robinson Doctor of Science

The theories and writings of Arthur H. Robinson have led him to be recognized by his peers as the dean of cartography and the founder of the modern discipline of cartography in the United States. Through his textbooks, his leadership in professional organizations, and his work with students during 35 years as a professor at the University of Wisconsin at Madison, he has profoundly influenced the study of cartography and mapping, generally, and the specialized studies of the history of cartography, cartographic design, and physical geography. He holds the Ph.D. from Ohio State. Now professor emeritus, Robinson continues to offer inspiration through service to the American Congress on Surveying and Mapping, the International Cartographic Association, and the Association of American Geographers, among others. He helped found *The American Cartographer*, the field's leading journal, and was its editor for three years. He received his discipline's highest honor, the International Cartographic Association's Carl Mannerfelt Medal, in 1981. Colleagues around the world hail him as a "complete scholar" whose "relationship with his students has always been caring and helpful, yet upholding of the high standards he sets for himself." One professor praised his ability to make readers of his books understand the "how" and "why" of maps, "pointing the way to future research into cartographic communication, a subject of greater than ever importance in the era of computer-assisted mapping." Ohio State is proud to honor this distinguished alumnus.

George D. Snell Doctor of Science

In relative solitude in his Maine laboratory, George Snell conducted work over a 30-year period that has had far-reaching effects in several areas of modern biology and medicine—so much so that he shared the Nobel Prize for Medicine in 1980. By studying the genetic structure of mice, he revealed the genetic factors governing acceptance or rejection of transplanted tissue and developed the concept of histocompatibility antigens, the gene products on cell membranes that determine reactions between body tissues. His work laid the theoretical basis for tissue matching for transplants of kidneys and other organs, led to research advances in cancer immunology, and provided the foundation for understanding the relationship between certain antigens and the susceptibility of humans to particular diseases. While conducting this internationally significant research, Snell continually impressed his colleagues with his constant generosity. Said one, "He serves as a model for the open and enthusiastic sharing of everything he has produced, and ideas and materials given by him have been keys to the development of his field and of many of the younger people in it." In addition to his Nobel recognition, Snell has been elected to the National Academy of Sciences and honored by the National Cancer Institute, the Czechoslovak Academy of Sciences, the British Transplantation Society, the French Academy of Science, and the British Society of Immunology. The University is honored to add its recognition to this impressive list.

Distinguished Service Awards

Morgan L. Allison **Distinguished Service Award**

A 1944 graduate of Ohio State's College of Dentistry, Morgan L. Allison returned to join its faculty in 1949, beginning what would be a distinguished career. He initiated the first graduate program in oral and maxillofacial surgery at Ohio State in 1953 and promoted the concept of outpatient anesthesia and research in addition to clinical oral surgery. The sophistication of his early research in the area belied the lack of modern techniques and facilities now available. He has been a leader in his profession, developing guidelines for specialty training in oral surgery and guidelines for teaching and comprehensive control of pain and anxiety in dentistry. He was named regents professor by the Ohio Board of Regents in 1966, a position he held until his retirement in 1982. He also was chairperson of the section of oral and maxillofacial surgery and anesthesiology in the College of Dentistry for 15 years; he then served as director of the clinical division of dentistry and chairperson of the section of anesthesiology. He was instrumental in founding the American Dental Society of Anesthesiology, and received that organization's Heidbrink Award for his accomplishments and service. He also has received the Distinguished Alumnus Award of the OSU Dental Alumni Association, the Distinguished Dentist Award of the Ohio Dental Association, and numerous other honors, including election as a founder fellow of the International Association of Oral and Maxillofacial Surgeons in London, England. Ohio State is proud to present him with a Distinguished Service Award.

Charles H. Summerson **Distinguished Service Award**

Although Charles H. Summerson served with distinction for 35 years on the faculty of Ohio State's department of geology and mineralogy, he is being recognized today for an "extracurricular activity" completed while discharging his normal professional duties. Summerson was his department's representative throughout the six-year process of planning, designing, and carrying out the renovation and restoration of Orton Hall. From 1976 until his retirement in 1982, he demonstrated extraordinary devotion to this project. With his guidance, the paintings hung in the Orton Library were cleaned and restored, original woodwork was restored and preserved, and library service desks were remodeled from plans he developed. The ceramic tile floor in the lobby was replaced with tile donated by an Ohio firm through an arrangement Summerson executed. Window sashes were replaced to match the original. Open stairways and original railings and bannisters were preserved and restored at Summerson's insistence although it was necessary to find a special design solution to satisfy the Ohio Building Code. Old wood display cases for geological artifacts were reconditioned and new cases built from plans Summerson developed, and he personally supervised the completion of the work and the installation of the cases. Orton Hall's importance as a piece of distinctive architecture, noteworthy for its unusual and faithful use of native Ohio stone, has been preserved and enhanced through Summerson's untiring efforts. All who love the building and the University are in his debt.

Distinguished Service Awards

Clara G. Weishaupt Distinguished Service Award

When Clara G. Weishaupt retired in 1968, she barely took time to catch her breath before plunging ahead with the next stage of her work. An associate professor emeritus of botany, she prepared a guide for the identification of grasses by their vegetative characteristics after her retirement, supplementing a widely used guide to the vascular plants of Ohio that she first published in 1960. Through these publications, she helped countless Ohioans learn the plants of their state. An Ohio native, she earned all her academic degrees from Ohio State, beginning with a bachelor of science in home economics in 1924 and followed by the master's and Ph.D. in botany. She spent 22 years on the faculty of the Department of Botany, including service as curator of the department's herbarium from 1949-67. In this role, she performed a vital service in preserving the botanical heritage of Ohio and in helping people identify unknown plants. Honors during her career included membership in Sigma Delta Epsilon, the National Honorary Society for Women in Science, and election as a fellow in the American Association for the Advancement of Science. She has continued to serve the students and faculty of the Department of Botany in informal, but valuable, ways and is remembered by all who have had the opportunity to know her and work with her for her ability to inspire both students and colleagues with a love for her profession. Her personal dedication and enthusiasm have been an inspiration to many. She has provided an example that is worthy of emulation, and Ohio State is pleased to recognize her contributions.

The Graduate School

Dean: Jules B. LaPidus

Doctor of Musical Arts

Diane Kay Earle, Louisville; B.M. (University of Cincinnati); M.M.; Music
Dr. Sylvia A. Zaremba

Viscount F. Thurston, Columbus; B.M., M.M.; Music
Dr. Richard Tetley-Kardos

Doctor of Philosophy

Paul Quentin Anziano, Levittown, NY; B.S. (State University of New York at Oneonta); Molecular, Cellular and Developmental Biology
Dr. Philip S. Perlman

Barbara Radgowski Auer, San Antonio, TX; B.A. (Millersville State University); M.Ed. (Bowling Green State University); Education
Dr. Frederick R. Cyphert

Karen Sue Behm, Columbus; B.S.; M.S. (University of Kentucky); Agricultural Education
Dr. J. David McCracken

Gregory Ernest Bell, Washington, D.C.; B.S. (University of Maryland at Baltimore County); M.A. (Howard University); Education
Dr. Roger T. Cunningham

Ann Therese Bertagnoli, Columbus; B.A. (Carroll College); M.A. (University of Nevada at Las Vegas); English
Dr. Robert C. Jones

Jondker K. Blanduall, Columbus; B.A. (Sioux Falls College); M.A. (Howard University); Political Science
Dr. Chadwick F. Alger

Roger Alfred Blough, Dayton; B.A. (University of Pittsburgh); M.A. (University of Notre Dame); Political Science
Dr. Philip D. Stewart

Daniel Jay Bragg, Sandusky; B.S., M.B.A.; Business Administration
Dr. Larry P. Ritzman

Wayne Bradford Brooks, Cincinnati; B.S., Ed., (Miami University) M.Ed. (University of Cincinnati); Health, Physical Education and Recreation
Dr. Robert L. Bartels

Randal Norman Brue, Sylvania; B.S., M.S.; Poultry Science
Dr. J. David Latshaw

Claire Caroline Brunner, Indianapolis, IN; B.A., M.A. (Miami University); Communication
Dr. Donald J. Cegala

Stephen Alan Butterfield, Brattleboro, VT; B.S. (Springfield College); M.Ed. (Keene State College); Health, Physical Education and Recreation
Dr. Walter F. Erising

Johannah Casey, Mt. Vernon; B.S., M.A.; Health, Physical Education and Recreation
Dr. Charles L. Mand

Michaeline K. Varso-Chance-Reay, Gary, IN; B.S. (Ball State Teachers College); M.A. (Ball State University); Education
Dr. Donald R. Bateman

Suk-Min Chang, Seoul, Korea; B.A. (Kongjin National Teacher's University); M.A. (Seoul National University); Education
Dr. Donald G. Lux

Chanin Charoenpong, Bangkok, Thailand; B.S. (Kosetsart University); M.S. (Mississippi State University); Horticulture
Dr. Andrew C. Peng

Charles Ejike Chidume, Nimo Anambra, Nigeria; B.Sc. (Hons.) (University of Nigeria); M.Sc. (Queen's University); M.S.; Mathematics
Dr. William J. Davis

Patrick Alan Cleary, Ft. Wayne, IN; A.B. (Indiana University); M.A. (Ball State University); Health, Physical Education and Recreation
Dr. Robert L. Bartels

Kathryn V. Collins-Wooley, Quincy, MA; B.S.; M.A., M.Ed. (Columbia University); Psychology
Dr. Pamela S. Highlen

Carlos E. Cuevas, Santiago, Chile; Agronomist (University of Chile); M.S. (Catholic University of Chile); Agricultural Economics and Rural Sociology
Dr. Douglas H. Graham

Brian Kenneth Davis, Leicester, Leicestershire, England; B.Ed., M.A. (University of Victoria, British Columbia, Canada); Education
Dr. Frederick R. Cyphert

Patricia Louise Domen, Youngstown; B.S. (Youngstown State University); Medical Microbiology and Immunology
Dr. M. Ronald Glaser

Maxene Starsell Doty, Worthington; B.A., M.A.; Psychology
Dr. Nancy E. Betz

Diane Zatec Driessen, Flint, MI; A.A. (Flint Junior College); A.B. (University of Michigan at Flint); A.M.I.S. (University of Michigan at Ann Arbor); Education
Dr. Sharon E. Fox

Nancy Ann Eberhart, Columbus; B.S. (Ohio University); M.Ed. (Bowling Green State University); Education
Dr. Charlotte S. Huck

Mary Ann Eggert, Columbus; B.S. (University of Wisconsin at Milwaukee); M.A.; Psychology
Dr. Lyle D. Schmidt

Deems Shelton Emmer, Reynoldsburg; B.S., M.S.; Aeronautical and Astronautical Engineering
Dr. Stuart L. Petrie

David Leonard Ennis, Kinnelon, NJ; B.A. (University of Rochester); Anatomy
Dr. Ronald L. St. Pierre

Darush Falakdine, Abadan, Iran; B.Sc. (Hamadah Agricultural University); M.Sc. (Alabama A&M University); Agricultural Education
Dr. J. Robert Warmbrod

Nancy Long Flink, Kettering; B.A. (Wright State University); M.S.S.W. (University of Cincinnati); Social Work
Dr. Keith M. Kilty

Carroll Douglas Fordino, Hagerstown, MD; B.A. (Shippensburg State College); M.S.; Physiology
Dr. Jean-Pierre L. Dujardin

Robert Carl Foulk, Jr., Newark; B.S., M.S.W.; Social Work
Dr. Beverly G. Toomey

Donald John Fricell, New York City, NY; B.A. (City University of New York at Brooklyn); M.A. (University of Kentucky); History of Art
Dr. Anthony Melnikas

Daryl Goldman, Philadelphia, PA; B.A. (State University of New York at Buffalo); M.A.; Psychology
Dr. Herbert L. Mirels

Alan Goodman, Mt. Ranier, MD; A.B. (Rutgers University); M.Ed. (Ohio University); Education
Dr. Robert J. Saverman

James John Griffith, Columbus; B.A., M.A. (University of Missouri); English
Dr. Morris Beja

John Whitaker Grove, Columbus; B.S. (University of South Alabama); M.S.; Mathematics
Dr. James M. Greenberg

Unda Michele Hadel, Leechburg, PA; B.S. (Indiana University of Pennsylvania); M.S.; Chemistry
Dr. Matthew S. Platz

Marie Pearl Armes Heath, Lima; B.S. (Kent State University); M.S. (Kansas State Teachers College); Education
Dr. Frederick R. Cyphert

Thomas William Hobbs, Kokomo, IN; B.S. (University of Miami); M.S.; Plant Pathology
Dr. August F. Schmitzner

Wan-hua W. Tung Hsu, Taiwan, R.O.C.; B.A., M.A. (National Taiwan University); East Asian Languages and Literatures
Dr. Tien-Yi Li

John Charles Hungerford, Knoxville, TN; B.S., M.S. (Ohio University); Industrial and Systems Engineering
Dr. Thomas H. Rockwell

Betty Delay Hyatt, Columbus; B.A. (Franklin College of Indiana); M.A.; Romance Languages and Literatures
Dr. Pierre A.G. Astier

Seiji Inoue, Tagawa, Fukuoka, Japan; B.Ed. (Hiroshima University) M.Ed. (Tokyo Gakugei University); Health Physical Education and Recreation
Dr. Seymour Kleinman

Wen-Hong Kao, Taipei, R.O.C.; B.S. (National Tsing Hua University); Chemistry
Dr. Theodore Kuwana

Carol Converse Karrer, Worthington; B.S., M.S.;
Home Economics;
Dr. Ellen I. Hock

James Edward Keller, Orangeburg, SC; B.S.
[South Carolina State College]; M.A. [Clemson
University]; *Education*;
Dr. Alan R. Osborne

Brian Michael Kent, Miamisburg; B.S. [Michigan
State University]; M.S.; *Electrical Engineering*;
Dr. Benedict A. Munk

Paul Pingdi Kl. Boston, MA; B.S., M.S. [University
of Minnesota]; *Animal Science*;
Dr. Richard F. Wilson

William Alvin Kinney, Columbus; B.S.; *Chemistry*;
Dr. Leo A. Paquette

Laurence B. Lain, Dayton; B.S. [Indiana State
University]; M.A.E. [Ball State University];
Communication;
Dr. John W. Dimmick

Steven Harley Lawrence, Dayton; B.S. [University
of Dayton]; *Chemistry*;
Dr. Sheldon G. Shore

Norma Jean Ledair, Columbus; B.S. [University of
Iowa]; *Education*;
Dr. Anthony J. Riccio

Jaehyung Lee, Seoul, Korea; B.S. [Seoul National
University]; *Ceramic Engineering*;
Dr. Dennis W. Ready

Richard D. Lee, Paradise, UT; B.S., M.S. [Utah
State University]; *Agronomy*;
Dr. Leo E. Bendixen

Stephen John Lenhart, Galesburg, IL; B.S., M.S.;
Metallurgical Engineering;
Dr. Digby D. Macdonald

Bal-Ling Lin Liu, Hsinying, Taiwan, R.O.C.; B.S.,
M.S. [National Taiwan University]; *Botany*;
Dr. Valayamghat Raghavan

Susan Diane Lonborg, Sierra Madre, CA; B.A.
[Whitworth College]; M.A.; *Psychology*;
Dr. W. Bruce Walsh

Carol Whitcomb Lozier, Pensacola, FL; B.S., M.A.
[Ohio University]; *Communication*;
Dr. Charles W. Stockwell

Charles Jackson Macdonald, II, Columbus; B.A.
[University of Maine]; M.S.T. [University of New
Hampshire]; *Education*;
Dr. Jon L. Higgins

Nancy Ellen Manchester, Machias, ME; B.A.
[University of Maine]; D.E.U.G. [Universite de la
Sorbonne]; *Education*;
Dr. Edward D. Allen

Paul Leon Markham, Tremonton, UT; B.A. [Utah
State University]; M.A. [University of Washington];
Education;
Dr. Edward D. Allen

Gary Michael Mawe, Pittsburgh, PA; B.S. [The
Pennsylvania State University]; *Anatomy*;
Dr. Jacqueline C. Bresnahan

Sandi Fleszar Mayewski, Center Barrestead, NH;
B.A. [State University of New York at Buffalo];
M.A.; *Slavic and East European Languages and
Literatures*;
Dr. Jerzy R. Krzyzanowski

Dennis Charles Mays, Chillicothe; B.S. [Ohio
University]; M.S.; *Pharmacology*;
Dr. Nicholas Gerber

Jerry Clyde McGlone, Columbus; B.A., M.A.
[Morehead State University]; *Education*;
Dr. David L. Boggs

Daniel Garth McLean, Xenia; B.A. [Olivet
Nazarene College]; M.S.; *Physics*;
Dr. Philip E. Wigen

Carol Musselman Michael, Oxford; B.S., M.S.;
Home Economics;
Dr. Fern E. Hunt

Barbara Anne Miller, Milwaukee, WI; B.A.
[University of Wisconsin at Madison]; *Chemistry*;
Dr. Daniel L. Leussing

Wi Sik Min, Seoul, Korea; B.S. [Seoul National
University]; M.S.; *Electrical Engineering*;
Dr. Martin O. Thurston

A.B.M.-Waliul Islam Mondal,
Rangpur, Bangladesh; B.A. [Honors], M.A. [Rajshahi
University]; M.A. [Boston University]; *Agricultural
Economics and Rural Sociology*;
Dr. Leroy J. Hushak

Rickey Morgan, Pt. Pleasant, W.V.; B.A. [West
Virginia Wesleyan College]; M.A.; *Psychology*;
Dr. Thomas E. Nygren

Henri-Michel Moyal, North Miami Beach, FL; B.A.
[Florida State University]; M.A. [University of North
Carolina at Chapel Hill]; *Romance Languages and
Literature*;
Dr. M.P. Besnard Coursodon

Robert Emmett Muller, Baton Rouge, LA; B.A.,
M.S.W., M.S. [Louisiana State University];
Agricultural Economics and Rural Sociology;
Dr. G. Howard Philips

Robert Drew Munoz, Fostoria; B.S. [University of
Wisconsin at Madison]; M.S.; *Agricultural
Economics and Rural Sociology*;
Dr. William L. Finn

Colleen Ida Murray, Bolivar; B.S., M.A. [The
University of Akron]; *Home Economics*;
Dr. Patrick C. McKerry

Marcello Bedford Nesom, Memphis, TN; B.A.
[California State University at Turlock]; M.A.
[California State University at Fresno]; *History of
Art*;
Dr. Susan L. Huntington

David Alan Nibert, Columbus; B.A., M.A.;
Sociology;
Dr. Harold S. Himmelfarb

Doris Patterson Nocera, Westerville; B.S., M.S.;
Home Economics;
Dr. Shirley L. O'Bryant

Thomas Kevin O'Mahoney, Worthington; B.S.
[University of Dayton]; M.Ed. [Ohio University];
Education;
Dr. James E. Kerber

Mary Anne Oestreich, Worthington; B.A. [Mt.
Mary College]; M.S. [University of Wisconsin at
Madison]; *Education*;
Dr. William D. Dowling

Susan L. Ormstein, Columbus; B.A. [University of
Michigan]; *Management and Human Resources*;
Dr. Jerold Greenberg

Judith Ott, Broadview Hts.; B.A. [Baldwin-Wallace
College]; M.A.; *History of Art*;
Dr. Mathew Herban

Phoebe I. Parker, Columbus; B.M.Ed.; M.A. [Texas
Woman's University]; *Psychology*;
Dr. Henry Leland

Thomas Steven Peet, Westerville; B.S., M.A., M.A.;
Education;
Dr. Raymond H. Muessig

William David Porterfield, Timberlake, NC; B.A.
[University of North Carolina at Chapel Hill]; M.A.;
Education;
Dr. Virgil E. Blanke

Arthur R. Prunier, Jr., Norfolk, VA; B.S., M.S.
[Virginia Polytechnic Institute]; *Ceramic
Engineering*;
Dr. Charles E. Semler

Tariq Quadri, Karachi, Sind, Pakistan; B.E. [N.E.D.
University of Engineering and Technology]; M.S.;
Ceramic Engineering;
Dr. Dennis W. Ready

Debra Anne Redden, Raleigh, NC; B.S. [North
Carolina University at Durham]; M.Ed. [The
Pennsylvania State University]; *Education*;
Dr. George P. Ecker

Craig Robert Reinemeyer, Delphos; D.V.M.;
Veterinary Pathobiology;
Dr. Rupert P. Herd

Charles W. Richard, III, Dayton; B.S. [Stanford
University]; M.D.; *Pharmacology*;
Dr. Gopi A. Tejwani

Neil William Richards, Canton; B.S.; *Pharmacy*;
Dr. Lane J. Wallace

Vicid J. Roberts-Gassler, Greensboro, NC; B.A.,
M.A. [Washington State University]; *German*;
Dr. Harry Vredeveld

Karen Gagner Rohr, Xenia; B.A. [Wheaton
College]; M.S. [University of Illinois at Champaign];
Home Economics;
Dr. Patrick C. McKerry

Cindyliou F. Rossana, Columbus; B.S. [Stockton
State College]; *Biochemistry*;
Dr. Lee F. Johnson

Kenneth Scott Rumstay, Berlin, CT; B.S.
[Massachusetts Institute of Technology]; M.A.
[Wesleyan University]; *Astronomy*;
Dr. Eugene R. Capriotti

Shirley Ann Setter, Columbus; B.S., M.A.;
Education;
Dr. Lonnie H. Wagstaff

Ibrahim Mohamed Selim, Cairo, Egypt; B.S., M.S.
[Military Technical College in Cairo, Egypt];
Electrical Engineering;
Dr. Robert E. Fenton

- Walter Maynard Sharp**, Reynoldsburg, B.A. (Marshall University); M.A.; *Education*;
Dr. Anthony A. Olinzock
- Rong-Chyu Sheen**, Tainan, Taiwan, R.O.C.; B.Sc. (Tsing-Hua University at Taiwan); M.S. *Mathematics*;
Dr. Paul G. Nevai
- Bentley R. Shellahamer**, Tallahassee, FL; B.M.E., M.M.E. (The Florida State University); *Music*;
Dr. Jere L. Forsythe
- Ralph Edwin Shibley, Jr.**, Columbus; B.S., M.A.; *Education*;
Dr. James J. Buffer, Jr.
- Diane Hahn Shock**, Worthington; B.S., M.A.; *Education*;
Dr. Robert R. Bargar
- Adonia Simandjuntak**, Jakarta Indonesia; B.Sc. (Teacher College, Indonesia); M.S. (State University of New York at Albany); *Education*;
Dr. Aaron J. Miller
- John W. Sonedecker**, New Springfield; B.S., M.A.; *Education*;
Dr. Luvern L. Cunningham
- Charles Ross Stephen**, South Point; B.S., M.A. (Marshall University); *Education*;
Dr. M. Eugene Gilliom
- Carol Sue Liebe Stuessy**, Columbus; B.A. (University of Texas at Austin); B.S.; *Education*;
Dr. Stanley L. Heigeson
- Abraham Joseph Tobla**, Lakewood; B.A., M.S.; *Pharmacology*;
Dr. Daniel Couri
- Richard Darwin Travis**, Benton City, WA; B.Ed. (Colorado State University); *Vocational Education: Comprehensive Program*;
Dr. William D. Umstatt
- Irwin L. Udell**, Youngstown; B.A., M.A.; *Philosophy*;
Dr. Alan M. Hausman
- Francesca Lin Umoh**, Cross River State, Nigeria; B.Sc. (Wright State University); M.S., M.S. (University of Dayton); *Education*;
Dr. John B. Hough
- Hans A.M. van der Mars**, Beach & Duin, Holland; Diploma (Chr. Academie voor Lich. Opv.); M.S. (Ithaca College); *Health, Physical Education and Recreation*;
Dr. Daryl L. Siedentop
- Ruben Enrique Vargas**, Maracay, Aragua, Venezuela; B.S. (Liceo Mriceno Mendez); M.V. (Universidad Central Venezuela); M.S.; *Poultry Science*;
Dr. Edward C. Naber
- Kuldeep Kumar Vaswani**, Mount Abu, Rajasthan, India; B.S. (University of Jodhpur); M.S. (University of Baroda); *Pharmacology*;
Dr. Gopi A. Tejwani
- Anne Coble Voss**, Columbus; B.S.; *Food Science and Nutrition*;
Dr. Karla L. Roehrig
- Masayuki Wajima**, Hiroshima-Cho, Hokkaido, Japan; B.S. (Hokkaido University); *Mathematics*;
Dr. Koichiro Harada
- Maryanne Cavanagh Ward**, Gambier, B.A. (Marymount Manhattan College); M.A., M.A. (University of Virginia); *English*;
Dr. Arnold Shapiro
- George William Wardlow**, Carl Junction, MO; B.S., M.Ed. (University of Missouri at Columbia); *Agricultural Education*;
Dr. Larry E. Miller
- Louise Wasson**, Seattle WA.; B.A., B.A., M.Ed. (Western Washington State College); *Education*;
Dr. Donald P. Sanders
- Regina Weade**, Washington, C.H.; B.S. (Ohio University); M.S.; *Home Economics*;
Dr. Joan E. Gritzmaier
- Edward James Weintraut**, Macon, GA; B.A. (LaSalle College); M.A.; *German*;
Dr. Henry J. Schmidt
- Bedonna Rae Weiss**, Youngstown; A.B. (Georgetown University); M.A.; *Psychology*;
Dr. John C. Gibbs
- Mark Frederick Wheeler**, Athens, GA; A.B., M.S., M.A. (Indiana University at Bloomington); *Health, Physical Education and Recreation*;
Dr. Seymour Kleiman
- William Clyde Wilcox**, Columbus; A.B. (West Virginia University); M.A.; *Political Science*;
Dr. Herbert B. Asher
- Susan Anne Willavize**, Mt. Gilead; B.S., M.S. (University of Illinois at Urbana); M.S.; *Biostatistics*;
Dr. Jean D. Powers
- Arthur Ernest Williams**, Croton, CT; B.A., M.A. (University of Maryland); *Theatre*;
Dr. Donald R. Giancy
- Richard L. Wright**, Columbus; B.A. (John Carroll University); *Political Science*;
Dr. Randall B. Ripley
- Master of Accounting**
- Shao-Chun Chang**, Tainan, Taiwan, R.O.C.; B.A. (Tamkang University); *Accounting*;
- Julia Zavakos**, Dayton; B.A.; *Accounting*
- Master of Applied Statistics**
- Nancy Ellen Baxter**, Newark, DE; B.S. (Juniata College); *Statistics*
- John Raymond Felix**, Cincinnati; B.S.; *Statistics*
- Timothy F. Hatfield**, Kenova, WV; B.S. (Marshall University); *Statistics*
- Dean Paul Margeson**, Columbus; B.S.; *Statistics*
- Jerome William Stockrahm**, Columbus; B.S. (Marian College); *Statistics*
- Rebecca E. Treppe**, Louisville, KY; B.A. (Hanover College); *Statistics*
- Master of Architecture**
- Dana Blumenfeld**, Ramat-Gan, Israel; B.Arch.; *Architecture*
- Leela Dechavas**, Bangkok, Thailand; B.Arch (Chulalongkorn University); *Architecture*
- Michael Charles Hamilton**, Fort Dodge, IA; B.A. (Loras College); *Architecture*
- Gianni Intill**, Roma, Italy; B.A. (Fairleigh Dickinson University); *Architecture*
- Rachid Si-Ammour**, Constantine, Algeria; State Dipl. (EPAU Polytechnic School of Architecture and Town Planning); *Architecture*
- Master of Arts**
- Denise Jeanne Aalbu**, Huntington Beach, CA; B.A. (California State University at Long Beach); *Romance Languages and Literatures*
- Iliam Mansour Al-Dakheel**, Columbus; B.S. (St. Thomas University); *Education*
- Gregory Thomas Ament**, Columbus; B.A. (Catawba College); *Health, Physical Education and Recreation*
- Mitzi Joann Ames-Babakan**, San Diego, CA; B.A. (Mills College); *Psychology*
- Gary Alan Armbrust**, Columbus; B.S.; *Education*
- Shawn Renée Armstrong**, Cambridge; B.S.; *Education*
- Sherry McKee Badger**, Columbus; B.S.; *Education*
- Cheryl Sanford Barberie**, Lima; B.S. (Bowling Green State University); *Education*
- Lisa Ann Barclay**, Kettering; B.A. (St. Louis University); *Psychology*
- Lee Tobin Bartholomaeus**, Columbus; B.A.; *English*
- Alison Peta Bennion**, Alsager, Stoke-on-Trent, England; B.A. (Honours) (University of Durham, England); *History*
- Beth Anne Berghoff**, Marion; B.S. (Indiana University); *Education*
- Janet Sue Bernstein**, Akron; B.A. (The University of Akron); *Public Administration*
- Jeffrey Lewis Besozzi**, Columbus; B.S.; *Health, Physical Education and Recreation*
- Joseph A. Billingsley, III**, King George, VA; B.A. (Randolph Macon College); *Health, Physical Education and Recreation*
- Josiah H. Blackmore, III**, Worthington; B.A.; *Romance Languages and Literatures*
- Carvin Gerard Bodouin**, Ocean Springs, MS; B.F.A. (University of Southern Mississippi); *Dance*
- Beth Ann Boehm**, Dayton; B.A. (Georgetown University); *English*

- Calvin Alonzo Bolton**, Union, SC; B.A. (Limestone College); M.M.; Music
- Tina Michelle Bradshaw-Wood**, Columbus; B.S.; *Black Studies*
- Jane Ellen Breneman**, Lancaster, PA; B.A. (The Pennsylvania State University); *Psychology*
- Katherine Lyn Brenne**, Bedford; B.A. (Kent State University); *Public Administration*
- Timothy Merrill Bridgham**, Rockville, MD; B.A. (Kenyon College); *Health, Physical Education and Recreation*
- Daniel Brod**, Cincinnati; B.S. (University of Cincinnati); *Industrial Design*
- Kelley William Brown**, Chagrin Falls; B.A. (Northwestern University); *Health, Physical Education and Recreation*
- Bruce Jay Brownlee**, Columbus; B.A. (University of California at Santa Cruz); *Dance*
- Stephen Douglas Burke**, Columbus; B.S. (Houghton College); *Health, Physical Education and Recreation*
- Robert Buzzanco**, Niles; B.A. (Ohio Wesleyan University); *History*
- Arnoldo Ricardo Camacho**, San Jose, Costa Rica; Licenciata (University of Costa Rica); *Economics*
- Lisa Ann Camardo**, Cincinnati; B.S.; *Education*
- Patricia Midori Carlton**, Columbus; B.A. (Washington State University); *Education*
- Dennis Peter Carman**, New Haven, CT; B.A. (Stonehill College); *Public Administration*
- Amy E. Carrington**, Midland, MI; B.A. (Michigan State University); *Dance*
- Donald Alan Carter**, Oneida, NY; B.S. (United States Military Academy at West Point); *History*
- Gladys Lee Cashdollar**, Mt. Airy, MD; B.A. (Towson State University); *Education*
- Robert G. Chaddock**, Chaffee, NY; B.A. (Hobart College); *Health, Physical Education and Recreation*
- Heather Jill Chambers**, Conneaut; B.S.; *Education*
- Mel-Rong Lee Chang**, Columbus; B.A. (Kaohsiung Teacher's College); *East Asian Languages and Literatures*
- Pastaratom Chirapravati**, Bangkok, Thailand; B.A. (Sipatkon University); *History of Art*
- Ching-Fu Chou**, Taiwan, R.O.C.; B.L. (National Chung-Hsing University); *Sociology*
- Caryl Michele Clark**, Columbus; B.S. (Central State University); *Education*
- Beverly Ruth Cohn**, Cleveland; B.S. (Ithaca College); *Education*
- Richard Blaine Combs**, Lancaster; B.S. (Bowling Green State University); *Education*
- Phillip Wesley Comfort**, Columbus; B.A. (Cleveland State University); *English*
- Rodney Edward Connors**, Lawton, Ok; B.A.; *History*
- Elizabeth Adell Cook**, Spring Valley, CA.; A.B. (San Diego State University); *Political Science*
- Catherine Clair Crawford**, Lancaster; B.S.; *Education*
- Diane Lynn Dalton**, Chagrin Falls; B.A. (University of Akron); *Communications*
- Mark Owen Davis**, Emory, VA; B.M. (Cleveland Institute of Music); *Music*
- Rowland J. Davis**, Columbus; B.A. (Central State University); *Education*
- Kimberly Sue DeMeno**, Worthington; B.A. (Indiana University of Pennsylvania); *Communication*
- Deanna Elizabeth Dennis**, Reynoldsburg; B.A. (Capital University); *Education*
- Debra Ann Dennis**, Westerville; B.S. (University of Dayton); *Education*
- Dale Lynn Dickson**, New Lexington; B.S.; *Education*
- Julie Ann Didlick**, Cincinnati; B.Ed. (University of Toledo); *Education*
- Anna DiMartino**, Naples, Italy; Degree (University of Naples); *Romance Languages and Literature*
- Nolli Beatrice Dorsey**, Columbus; B.A. (Antioch College); B.S.L.A.; *History*
- Philip Barry Drube**, Toledo; B.A. (University of Toledo); *Dance*
- Jason Randall Dura**, Columbus; B.S. (Ball State University); *Psychology*
- Timothy C. Earlenbaugh**, Akron; B.S.S.W.; *Education*
- Rezzan Ayse Erten**, Columbus; B.A.; *Public Administration*
- Nancy V. Eucker**, Columbus; B.S. (Macalester College); *Education*
- George Conry Farris**, Charleston, WV; B.S. (West Virginia University); *Education*
- James Brian Ferndick**, Bainbridge, NY; B.A. (St. Bonaventure University); *Health, Physical Education and Recreation*
- Kelley Eugene Fegley**, Delaware; B.Ed. (University of Toledo); *Health, Physical Education and Recreation*
- Georges J. Ferronniere**, Naukes, France; Baccalaureat (lycee Jules Verne Naukes/France); D.E.S.C.A.E.F. (E.S. C. A.E. Naukes/France); *Business Administration*
- Claudia L. Fett**, Springfield; B.S. (Miami University); *Education*
- Lori Frances Flegle**, Pataskala; B.S.; *Health, Physical Education and Recreation*
- Jon Patrick Fobes**, Kingsville; B.A., B.S., M.A.; *English*
- Terry Lee Forman**, Omaha, NB; B.S. (University of Nebraska at Omaha); *Education*
- Dean Forrest Fowls**, Columbus; B.S.; *Education*
- Linda Ann Franko**, Gallon; B.S. (University of Dayton); *Mathematics*
- Anna Sofia Fredriksson**, Norrköping, Sweden; B.A. (The State College of Dance, Stockholm, Sweden); *Dance*
- Abigail M. Freeman**, Westerville; B.S.; *Economics*
- Steven Brian Garasky**, Youngstown; B.A. (Wittenberg University); *Economics*
- Lynne Ellen Gatsch**, Columbus; B.S. (Ohio University); *Education*
- Christine Anne Gauger**, Lincoln, NB; B.A. (The Evergreen State College); *Dance*
- Janice Darlene George**, Huron; B.S., M.S.W.; *Public Administration*
- Nina Roosevelt Gibson**, Alexandria; B.A. (New School for Social Research); *Psychology*
- Gail Louise Gill**, Columbus; B.A. (Muskingum College); *Mathematics*
- Hetty Pugh Gill**, Cookeville, TN; B.S. (Tennessee Technological University); *Dance*
- Jane Ellen Glendening**, Holmes Beach, FL; B.A. (Mercer University); *Education*
- Renée Altken Goffos**, Columbus; B.A.; *Communication*
- Terry Wayne Gordon**, Belleville; B.S. (Ashland College); *Education*
- Stephen A. Gravenkemper**, Dayton; B.A. (University of Cincinnati); *Psychology*
- Marilyn S. Greenwald**, Dublin; B.A.; *Journaism*
- Mary Rose Gran**, Rayland; B.M.E.; *Music*
- Ruth Goldmann**, Worthington; B.Sc. (Hebrew University at Jerusalem); *Mathematics*
- Ann Christine Hall**, Cleveland; B.A. (John Carroll University); *English*
- Carol Ann Hall**, Upper Arlington; B.A. (California State University at Sacramento); *Education*
- Elizabeth Ann Hall**, Avon Lake; B.A. (Wheaton College); *Education*
- Dale Anne Hambrecht**, Churchville, PA; B.A. (Kutztown State University); *German*
- Gigi S. Hanna**, Columbus; B.A., *Romance Languages and Literatures*
- Sheryl Hansen**, Columbus; B.A. (Luther College); *Education*
- Josephine Miller Haran**, Columbus; B.S.; *Education*
- Patricia Harrington**, Grove City; B.A. (University of West Florida); *Educacon*
- Cheryl Denise Harris**, Beppre; B.A.; *Photography and Cinema*
- Daphne Aleta Harris**, Portsmouth, VA; B.S. (Knoxville College); *Education*
- Joyce Ann Harris**, Dayton; B.S.Ed.; *Education*
- Alfred Albert Haug**, Ochsenhausen, West Germany; Diplom (University of Konstanz, West Germany); *Economics*

- Beverly M. Haug, Reynoldsburg, B.A. [Southern Illinois University]; *Education*
- Leslie Margaret Hauser, Columbus, B.A.; *Photography and Cinema*
- Sally Ann Haviland, Columbus, B.S.; *Business Administration*
- Kevin James Hayes, Tucson, AZ, B.A. [St. Vincent College]; *Education*
- William A. Hazeltine, Georgetown, DE; B.M. [Susquehanna University]; *Music*
- Kathleen Joan Hazen, Conneaut, B.A. [Edinboro State College]; *English*
- Elizabeth Ann Hearn, Cincinnati, B.S.; *Education*
- Catherine Anne Heberding, Marion, B.A. [Wittenberg University]; *Education*
- Connie Alene Heck, Columbus, B.S.; *Education*
- Carol Ann Helm, Columbus, B.S.; [Bluefield State College]; *Education*
- Martha Suzanne Hendricks, Cincinnati, B.A.; *English*
- Robin Lee Hiltzemann, Columbus, B.A. [Miami University]; *Romance Languages and Literatures*
- Janet D. Holton, Delaware, B.S. [Russell Sage College]; *Education*
- Juliane J. Hopmann, West Germany; Masters [University of Augsburg]; *German*
- Ernest Eugene Hutchins, Belaire, A.B. [Ohio University]; *Public Administration*
- Charles Robert Idler, Columbus, B.A.; *English*
- Edith Solomon Ibar, Columbus, B.S.W. [University of Cincinnati] *Public Administration*
- Michelle A. Jacobson, New Hartford, NY; B.S. [State University College of New York at Buffalo]; *Education*
- Ann Marie Jenemann, Westerville, B.A. [Miami University]; *Political Science*
- Phyllis Ann Jenkins, Hilliard, B.S. [University of Kansas]; B.A. [University of Colorado]; *Education*
- Carolyn R. Jensen, Columbus, B.S.; *Education*
- Steven Lee Jobe, Medina, B.M. [Rhode Island College]; *Music*
- Scott Barrick Johnson, Columbus, B.S. *Education*
- Sheryl Meecker Jones, Johnstown, B.S.; *Education*
- Dorothy Masae Kaidzoe, Honolulu, HI, B.A. [University of New Mexico]; *Education*
- Emmanuel Job Kaudusl, Columbus, Dip.Th. [St. Philip's Theological College]; M.Div. [Howard University]; *Philosophy*
- Barry Karpol, Columbus, B.A. [Tel Aviv University]; *Education*
- Lydia Katharina Kegler, St. Louis, MO; B.A. [St. Louis University]; *German*
- Betty Jo Keintzead, Simsbury, CT, B.A. [University of Vermont]; *Public Administration*
- Kristan Kay Keith, Etahaka, MT; B.A. [University of Montana] *Economics*
- Jan Marie Keller, Gallon, B.S.; *Journalism*
- Patrick Joseph Kelley, Columbus, B.S.; *Business Administration*
- Mary Craven Kelly, Columbus, B.A. [Smith College]; *English*
- Kenneth Paul Kibbey, Worthington; B.S.; *Education*
- Seong-Dong Kim, Seoul, Korea, B.A. [Kukjiae College]; *Education*
- Charles Jay Klink, Gouverneur, NY; B.A. [Goshen College]; *Education*
- Victor Dean Kuchar, Owosso, MI; B.S. [Michigan State University]; *Geography*
- Paul Joseph Kanzen, Columbus, B.S. [John Carroll University]; *Health, Physical Education and Recreation*
- Patrick Gregory Labriola, Buffalo, NY; B.A. [State University of New York at Fredonia]; *German*
- Cheryl Ann Lane, Centerville, B.S.; *Education*
- Susan Eileen Lee, Cleveland, B.S. [The College of Wooster]; *Education*
- Vincent Anthony Leo, Columbus, B.A.; *Photography and Cinema*
- Artemis Sophia Leonitis, Columbus, B.A. [Oberlin College]; *Classics*
- Hueh-Fen Iris Lin, Taipei, Taiwan, R.O.C.; B.Ed. [National Taiwan Normal University]; *Education*
- John-Huei Lin, Taipei, Taiwan, R.O.C.; B.B.A. [National Taiwan University]; *Economics*
- Yu Lin, Chung-Li, Taiwan, R.O.C.; B.A. [Soochow University]; *Art Education*
- Fu-Ming Liu, Taiwan, R.O.C.; B.A. [Tamkang University]; *Journalism*
- Susan Miller Loebs, Columbus, B.S. [University of Michigan]; *Education*
- Earl Richard Loew, Fleming, A.A., B.A. [Marietta College]; *Education*
- David Lore, Newark, B.A. [Bowling Green State University]; *Journalism*
- Joseph Paul Loughlin, Medina, NY; B.S. [St. Lawrence University]; *Health, Physical Education and Recreation*
- Susan Beth Love, Columbus, B.S.; *Communication*
- Carol L. Lowe, San Bernardino, CA; B.A. [Biola University]; *Education*
- Gertrude B.M. Luster, Columbus, B.A., M.Ed. [University of Louisville] *German*
- Stephen Eugene Mahle, Willoughby, B.A. [Case Western Reserve University]; *Economics*
- Chew-Pheng Mak, Malaysia; B.Sc. [University of Malaya]; *Mathematics*
- Therese Ann Maloney, Broadview Heights, B.S. [Kent State University]; *Health, Physical Education and Recreation*
- Nancy Ellen Manchester, Machias, ME.; B.A. [University of Maine at Orono]; D.E.U.G. [Universite de la Sorbonne]; *Education*
- Rebeka Lucy Maples, Crestline, B.A.; *Black Studies*
- Roxanne Marchant, Provo, UT; B.A. [Brigham Young University]; *Education*
- Sharon Kay Marshall, West Jefferson; A.B. [Moorehead State University]; *Education*
- Kathleen M. McCarthy, Miami, FL; B.S. [Florida International University]; *Journalism*
- Robert William McDonough, Mansfield, B.S.; *Education*
- Anne M. McElroy, Fredericktown, B.A. [Nonkivh Military University]; *Education*
- Scott Gary McGrinnis, Bowling Green; B.S. [University of the State of New York]; *East Asian Languages and Literatures*
- Kristine A. McLaughlin, Bellefontaine, B.S.; *Education*
- Kathleen Michells, East Northport, NY; B.A. [State University of New York at Stony Brook]; *Psychology*
- Gatha Parker Meadows, Columbus, B.S.; *Education*
- Elizabeth Marie Mello, Las Vegas, NV; B.S. [University of Nevada at Las Vegas]; *Health, Physical Education and Recreation*
- Rene Marie Mendat, Columbus, B.S. [Ohio University]; *Education*
- Barbara Jean Michael, Escanaba, MI; B.S. [University of Michigan]; *Education*
- Susan Emerson Michels, Columbus, B.A. [Capital University]; *Economics*
- Alison Kathleen Millburn, Worthington; B.A. [Oberlin College]; *Psychology*
- Brenda Mae Miller, Columbus, B.S., B.A.; *Education*
- Eric Crawford Miller, Springfield, B.A.; *Health, Physical Education and Recreation*
- Laurie Beth Mintz, Buffalo, NY; B.S. [Union College]; *Psychology*
- James Benjamin Mintrull, Columbus, B.A.; *Communication*
- Patricia Rannels Moats, Columbus, B.S. [Miami University]; *Education*
- Debra Lynn Morgan, Cincinnati, B.S. [University of Cincinnati]; *Communication*
- Daniel Ross Morrison, Toledo, B.A. [The University of Toledo]; *Education*
- Hildegarde Muench, Union, NJ; B.A. [LaSalle College]; *Education*
- Ellen Moor Murphy, Columbus, B.A. [Wake Forest University]; *Education*
- Linda Diane Myers, University Heights, B.S.E. [State University of New York at Cortland]; *Health, Physical Education and Recreation*

- Peter Andrew Nagler**, Salisbury, MD; B.A. (Salisbury State College); *Political Science*
- Chamu Namashvayam**, Madras, Tamil Nadu, India; B.S. (University of Madras); *Philosophy*
- Mary Ellen Napper**, Columbus; B.S. (North Carolina Central University); *Education*
- Gloria Jean Natter**, Swanton, B.A.; *Public Administration*
- Patricia Lynn Navis Hathaway**, Grand Rapids, MI; B.A. (Calvin College); *Education*
- Charles C. Neal**, Denver, CO; B.A. (Miami University); M.S. (San Diego State University); *Black Studies*
- Laura Ann Neff**, Richmond, VA; B.S. (Dennison University); *Education*
- Karla Irene Nesler**, West Hazleton, PA; B.S. (East Stroudsburg University); *Health, Physical Education and Recreation*
- Elizabeth Rees Nethery**, Mansfield, B.A. (Taylor University); *English*
- Rodney Floyd Null**, Lima; B.S.; *Education*
- Kelly Barton Olds**, Worthington; B.A.; *Education*
- Myra H. Packard**, Powell; B.S. (Ohio Wesleyan University); *Art Education*
- Glade Thomas Pauley**, Salem; B.A.; *Education*
- Rebecca Margaret Payne**, Columbus; A.B. (Ashbury College); *Education*
- Maria Denise Perez**, Columbus; B.A. (Saint Mary's College); *Education*
- Jerilyn K. Pfaffman**, Ashville; B.M.E.; *Music*
- Luchida Ann Pfalzer**, Darien Center, NY; B.S. (Ithaca College); *Health, Physical Education and Recreation*
- Germaine Lydia Philibert**, Bourgade Peage, France; B.A. (Dijon University); *Romance Languages and Literatures*
- Linda Joyce Piper**, Columbus; B.A. (Concordia University); *Health, Physical Education and Recreation*
- Myron Lee Pollard**, Westerville; B.S.; *Education*
- Lois Lorretta Porzio**, Cincinnati; B.S. (University of Cincinnati); *Mathematics*
- Yuwadee Pothongsunun**, Bangkok, Thailand; B.S. (College of Commerce); *Education*
- Jeffrey Ross Prather**, Cincinnati; B.A., B.F.A. (University of Arizona); *Political Science*
- Sally Anne Radell**, Winnetka, IL; B.A. (Scripps College); *Dance*
- Harold Edwin Regan, Jr.**, Reynoldsburg; B.A. (Capital University); *Romance Languages and Literatures*
- Pamela Lenora Reid**, Columbus; B.S. (Central State University); *Education*
- James Michael Rhine**, Lima; B.S.; *Education*
- Charles V.A. Richards**, Netherlands, Antilles; B.S. (Ferris State College); *Education*
- Marty Grover Richards**, Spartanburg, SC; B.A. (Wofford College); *Political Science*
- Beverly N. Rife**, Columbus; B.A. (Ashbury College); *Education*
- Lynn Marie Riggerbach**, Lexington; B.S. (Auburn University); *Education*
- Jody Lynn Rilling**, Carnton; B.A. (Walsh College); *Education*
- Bambi Elizabeth Stuart Robinson**, Columbus; B.A. (University of North Carolina at Greensboro); *Philosophy*
- Thomas Gerard Rogan**, Lake Geneva, WI; B.A. (University of Wisconsin at Madison); *Journalism*
- Nita Rollins**, Delaware; B.A. (Ohio Wesleyan University); *Photography and Cinema*
- Laura Ohl Ross**, Powell; B.A. (Heidelberg College); *English*
- Mark Christopher Rossano**, Columbus; B.A. (Miami University); *Philosophy*
- Michael Joseph Rubels**, Clinton; B.S.; *Health, Physical Education and Recreation*
- Shirley Ann Ruch**, Bloomville; B.S. (Miami University); *Communication*
- Anne E. Ruefle**, Pittsburgh, PA; B.A.; *English*
- Deborah Ann Ryan**, Syracuse, NY; B.S. (State University of New York at Geneseo); *Communication*
- Judy E. Sachter**, Columbus; B.F.A. (University of Colorado); *Art Education*
- Beth Schaeper**, Washington, C.H.; B.S.; *Education*
- Jill Schaeper**, Washington C.H.; B.S.; *Education*
- Diane E. Schallock**, Leland, MS; B.M.Ed. (University of Southern Mississippi); *Music*
- Kevin George Schill**, Columbus; B.A. (Kent State University); *Public Administration*
- Alan Michael Schreiber**, Charleroi, PA; B.A. (Duquesne University); *Education*
- Abby Ruthanne Schultz**, Cleveland; B.A. (Miami University); *Journalism*
- Lisa Michael Schwartz**, Cincinnati; B.S. (Michigan State University); *Education*
- Barbara Ann Scott**, Trevose, PA; B.A. (Seton Hill College); *Psychology*
- Elaine Scurd**, Mansfield; B.A.; *Education*
- Steven M. Seuser**, Columbus; B.A. (University of Kansas); *German*
- Angela Louise Sievers**, Loveland; B.A. (Hood College); *Education*
- Larry Gilbert Siferd**, Lima; B.S.; *Education*
- Barbara Ann Sinsabaugh**, Newark; B.A. (Oberlin College); M.A.; *Linguistics*
- Wendy Lee Smock**, Westerville; B.A. (Otterbein College); *Romance Languages and Literatures*
- Diane Louise Sondergelt**, Springfield, B.A.; *Sociology*
- Patricia Ann Sostarik**, Youngstown; B.A. (Youngstown State University); *Slavic and East European Languages and Literatures*
- David Bruno Spano**, Kent; B.A. (Oberlin College); *Education*
- Linda Phillips Spurgeon**, Marysville; B.S. (University of Maryland); *Education*
- Irene Ethel Stephens**, Columbus; B.S. (University of Michigan); *Education*
- Betty Lee Stull**, Mt. Vernon; B.S.; *Education*
- Ilho Suh**, Seoul, Korea; B.A. (Sogang University); *Economics*
- Emily Roberta Summers**, Orangeburg, SC; B.S. (Clifton College); M.Ed. (Howard University); *Education*
- Martha Elizabeth Taylor**, Columbus; B.A. (Grove City College); *Public Administration*
- Ann D'Argenio Trombley**, Rome, NY; B.M. (State University of New York at Fredonia); *Music*
- Amy Lynne Tucker**, Springboro; B.S.W.; *Health, Physical Education and Recreation*
- Lissa Jean VanBebber**, Greenville; B.A. (Valparaiso University); *Education*
- Sharon Isabel Vermillion**, Newark; B.S., M.Ed. (Xavier University); *Education*
- Joann R. Visconti**, West New York, NJ; B.S. (Seton Hall University); *Communication*
- Jane Marie Visocan-Moore**, Garrettsville; B.S.; *Public Administration*
- Maureen Frances Volk**, Worthington; B.A. (Ohio Dominican College); *English*
- Donna L. Wagner**, Columbus, IL; B.S. (Illinois State University); *Education*
- Peter Lawrence Walter**, Columbus; B.S. *Education*
- Charles Robert Warner**, Pensacola, FL; B.A. (Naval Postgraduate School); *Education*
- Wendy Sue Wasnich**, West Unity; B.A. (University of Toledo); *Economics*
- Eartha Marqueta Watkins**, Albany, GA; B.S. (Albany State College); *Music*
- China White**, Columbus; B.S.; *Dance*
- Willette Wanda White**, Tacoma, WA; B.A. (University of Idaho); *Health, Physical Education and Recreation*
- David Alan Williams**, Columbus; B.S.; *Psychology*
- Patricia Nelda Williamsen**, Maumee; B.A. (University of Toledo); *Photography and Cinema*
- Patience Anne Wilson**, York, Yorkshire, England; B.A. (Durham University); *History*
- Joseph David Wine**, Columbus; B.A.; *English*
- Deborah Ann Wink**, Mansfield; B.S. (Bowling Green State University); *Education*
- Howard Francis Wise**, New Philadelphia; B.S., M.A. *Public Administration*

Daniel Mark Wojta, Columbus; B.S.; *Health, Physical Education and Recreation*

James Roscoe Wright, Jr., Columbus; B.S., M.D.; *History*

Chung-Lung Yang-Keenan, Columbus; U.B. (National Taiwan University); *Political Science*

Willa Nadine Young, Delta; B.A. (Capital University); *Political Science*

Master of Business Administration

Richard F. Annibaldi, Dublin; B.S. (Ohio University); M.S.; *Business Administration*

Douglas Stuart Arbudde, Columbus; B.A. (Wittenberg University); *Business Administration*

Roger Charles Au, Marion; B.S. (Purdue University); *Business Administration*

Terri Ann Barnett, Lorain; B.S.; *Business Administration*

Bradley Bryan Beck, Findlay; B.S.; *Business Administration*

Michael Christian Becker, Columbus; B.A. (Colgate University); *Business Administration*

John David Beltner, II, Tiffin; B.S.; *Business Administration*

Betsy Ann Bell, Columbus; B.A. (Alma College); *Business Administration*

Susan Gail Blackman, Chicago, IL; B.A. (University of Michigan); *Business Administration*

Blaise C. Borchers, Westerville; B.A.; *Business Administration*

Terry Braun, Reynoldsburg; B.A.; *Business Administration*

Patricia Louise Brown, Columbus; B.S.; *Business Administration*

Charles Paul Cash, Zanesville; B.A. (Wilmington College OH Ohio); *Business Administration*

Martha Jean Cattabiani, Casper, WY; B.S., B.S. (University of Wyoming); *Business Administration*

Dennis E. Chippis, Columbus; B.A.; *Business Administration*

William Robert Clark, Cincinnati; B.A. (University of Notre Dame); *Business Administration*

Cheryl Ann Cooper, Rocky River; B.S.; *Business Administration*

Martin Ross Creasap, Columbus; B.S.; *Business Administration*

Karen McCann Cryan, Westerville; B.S.; *Business Administration*

Charles Michael Davis, Columbus; B.S.; *Business Administration*

Madhusudan Amrit Dewan, Dayton; B.S. (Wright State University); *Business Administration*

William Joseph Dolan, Wheeling, WV; B.A. (Bethany College); *Business Administration*

Michael Terrence Donahue, Loveland; B.S.; *Business Administration*

Karen Alane Dugan, LeRoy, NY; B.S. (College of St. Rose); *Business Administration*

Shella Vey Ebel, Westerville; B.S. (LeMoyné College); *Business Administration*

Victoria Ann Elminger, Willard; B.S. (Bowling Green State University); *Business Administration*

Gary Alan Fisher, Gratiot; B.S.; *Business Administration*

Robin I. Friedman, Pepper Pike; B.S. (Kent State University); *Business Administration*

Lora Ann Giondli, Columbus; B.S.B.A. (Xavier University); *Business Administration*

Geoffrey Scott Gordon, Salem; B.A. (Texas Christian University); *Business Administration*

Jeffrey Martin Hampel, Columbus; B.S. (Cornell University); *Business Administration*

Michael E. Harrington, Findlay; B.S. (Miami University); *Business Administration*

Robert Flory Hendricks, Newark; B.A. (The John Hopkins University); J.D. (University of Cincinnati); *Business Administration*

Jeffery Alan Hopkins, Athens; B.S.; *Business Administration*

Gary Robert Houk, Akron; B.S.; *Business Administration*

Jacqueline Ann Housel, Jefferson; B.A.; *Business Administration*

Steve Andrew Issleib, Hinsdale, IL; B.S. (Miami University); *Business Administration*

Mark Ira Jacobs, Toledo; B.A. (University of Michigan); J.D.; *Business Administration*

Robert Howard Jacobstein, Bexley; B.A. (State University of New York at Buffalo); *Business Administration*

Lauretta Jeanne Jarvis, Blacklick; B.S.B.A. (Bowling Green State University); *Business Administration*

Yongmin Jo, Seoul Korea; B.A. (Korea University); *Business Administration*

Richard James Jones, Westerville; B.S. (Capital University); M.S. (Case Western Reserve University); *Business Administration*

Toshihiro Kanazawa, Takasaki City, Gumma, Japan; B.A. (Takasaki City College of Economics); *Business Administration*

Jeffrey Francis Kernan, Miamisburg; B.S. (Wright State University); *Business Administration*

Mirha Kim Lee, Seoul, Korea; B.A. (Ewha Woman's University); *Business Administration*

Roger Lee Lewis, Leawood, KS; B.S.; *Business Administration*

Walter Steven Litkovitz, Columbus; B.S. (University of Michigan); M.S.; *Business Administration*

Patricia A. Loomis, Rochester, NY; B.S. (Cornell University); *Business Administration*

Jeffrey Ray Loushin, Richmond Heights; B.S.; *Business Administration*

John Andrew Lowe, Mansfield; B.A. (Youngstown State University); *Business Administration*

Marc Randall Lucas, Cincinnati; B.S. (The University of Tennessee); *Business Administration*

John Howard Lynch, Huron; B.A. (Ohio Wesleyan University); *Business Administration*

Richard Mackesy, Upper Arlington, B.A. (State University of New York at Oneonta); *Business Administration*

Elaine Ann Malley-Snyder, Columbus; B.S.; *Business Administration*

David James Mansico, Niles; B.S.; *Business Administration*

Thomas Leland Martin, Xenia; B.S. (University of Tennessee); *Business Administration*

Carol K. Matson, Wheeling, WV; B.S.; *Business Administration*

Michael Curtis McBrayer, Columbus; B.I.E.; *Business Administration*

Denise Ehrler McCoy, Columbus; B.S. (Centre College of Kentucky); *Business Administration*

David James Minko, Rocky River; B.A. (St. Michaels College); *Business Administration*

Carol Jeanne Mitten, South Euclid; B.A.; *Business Administration*

Linda Lee Moberger, Westerville; B.S.; *Business Administration*

Eric Robert Muladore, Delaware; B.A. (Ohio Wesleyan University); *Business Administration*

Chester W. Murphy, III, Xenia; B.S.; *Business Administration*

Barry Logan Myers, South Charleston; B.S. (University of Arkansas); *Business Administration*

Ulrike Newkold, Cologne, West Germany; B.S. (University of Aachen); *Business Administration*

Martin Gilbert Nolan, Cleveland; A.B. (Ohio University); *Business Administration*

Patrick John O'Brien, Columbus; B.S. (Rensselaer Polytechnic Institute); *Business Administration*

Yung-Tang Pan, Taipei, Taiwan, R.O.C.; B.A. (Tungshai University); *Business Administration*

Debra Adele Payne, Columbus; B.A. (Hampton Institute); *Business Administration*

Craig William Phillips, Waldo; B.S.; *Business Administration*

David Lee Probst, Avon Lake; B.S. (Miami University); *Business Administration*

Charles William Puckett, Columbus; B.S.; *Business Administration*

John Clyde Hicker, Columbus; B.S.; *Business Administration*

Bonnie Boeshart Roberts, Danville; B.S.B.A.; *Business Administration*

James Edward Rook, Columbus; B.S.; *Business Administration*

David Bruce Rowlinson, Yellow Springs; B.S.; *Business Administration*

Kenneth Fredric Sachs, Columbus; B.S.; *Business Administration*

Daniel John Sarver, Marietta; B.S. (Marietta College); *Business Administration*

Janet Ellen Schallinske, Columbus; B.A. (Capital University); *Business Administration*

Joseph Paul Schlosser, Jr., Columbus; B.S. (University of Maryland); *Business Administration*

Gary Michael Schmidt, Reynoldsburg; B.S. (Michigan Technological University); *Business Administration*

Ellen Beth Schneider, Columbus; B.A.; *Business Administration*

Satyra Prakash Sharma, Ghaziabad, U.P., India; B.S. (University of Roorkie); Ph.D. (University of Pennsylvania); *Business Administration*

Douglas Lee Stison, Columbus; B.A.; *Business Administration*

Glenn David Smith, Worthington; A.B. (University of California at Berkeley); *Business Administration*

Gregory Stepp, Urbana; B.S.; *Business Administration*

Robert Michael Stroh, Columbus; B.A. (Youngstown State University); J.D.; *Business Administration*

Thomas Newton Strong, Milan; B.S. (Case Institute of Technology); *Business Administration*

Paul Douglas Stuckey, Columbus; B.A. (Otterbein College); *Business Administration*

Marion Lewis Tripp, Coshocton; B.S.; *Business Administration*

Sathyamohan Venugopala, Madras, TN, India; B.Comm. (Madras University); Acct. (Institute of India); *Business Administration*

Louise Ann Vesco, Columbus; B.A.; *Business Administration*

Carl H. Voelmedtke, Delaware; B.S. (University of Cincinnati); *Business Administration*

David Lyman Waller, Columbus; B.A. (The University of Virginia); *Business Administration*

Kevin Lamont Waller, Chicago, IL; B.S. (Lincoln University); *Business Administration*

Andrew Hsing-jen Wang, Columbus; B.A. (National Cheng-Chi University); M.S. (Atlanta University); *Business Administration*

Timothy Douglas Warren, Findlay; B.S.; *Business Administration*

Francis Joseph Webb, Worthington; B.E.E. (Manhattan College); M.S. (New York University); *Business Administration*

Jeffrey L. Weber, Dublin; B.S.; *Business Administration*

Karen Davette Winfrey, Randallstown, MD; B.B.A. (Howard University); *Business Administration*

Matthew T. Woomer, Columbus; B.S. (West Virginia University); *Business Administration*

Fouad Khaled Yamout, Columbus; B.S.; *Business Administration*

Ping Chiu Yee, Columbus; B.S. (Case Western Reserve University); M.S. (University of Cincinnati); *Business Administration*

Master of City and Regional Planning

Betsy Gilder Bagwell, Dayton; B.S. (University of Cincinnati); A.A. (Sinclear Community College); *City and Regional Planning*

Kwan-Ling Amelia Cheung, Kowloon, Hong Kong; B.A. (Maione College); *City and Regional Planning*

Richard Milton Gilmour, Emerson, NJ; B.S. (Ramapo College of New Jersey); *City and Regional Planning*

Mitchell Lyle Glasser, Ocean, NJ; B.S. (State University of New York); *City and Regional Planning*

Phyllis Marlene Jarrell, Morrison, TN; B.A. (University of Tennessee); *City and Regional Planning*

Marijeta Lebercnik, Ljubljana, Yugoslavia; B.A. (Univerza Edvard Kardelj); *City and Regional Planning*

Christopher V. Makoroma, Singida, Tanzania; Dip. (Ardhi Institute); *City and Regional Planning*

Katherine Bibby Schill, Novelty; B.B.A. (Kent State University); *City and Regional Planning*

Philip J. Steinmiller, Toledo; B.A. (University of Toledo); *City and Regional Planning*

James Benedict Unites, Mentor; B.S. (Cleveland State University); *City and Regional Planning*

Hugo Valencia-Cadena, Puebla, Mexico; B.A. (University of Puebla); *City and Regional Planning*

Chungchi Yang, Tainan, Taiwan, R.O.C.; B.S. (Chung Kung University); *City and Regional Planning*

Master of Fine Arts

Eugene Olin Castle, Columbus; B.F.A.; *Art*

Mary Allegra Cermak, St. Louis, MO; B.F.A. (Webster College); *Art*

Sharon Z. Dougherty, Columbus; B.S.; *Art*

Babette L. DuSang-Jones, Indianapolis, IN; B.F.A.; M.A. (Purdue University); *Art*

Margaret Beth Friesen, Columbus; A.A. (Stephens College); B.A. (Kansas University); *Theatre*

David Kinzer Gelbach, Jr., Charlotte, NC; B.C.A. (University of North Carolina at Charlotte); *Theatre*

Barbara Kay Kendrick, Lincoln, NB; B.F.A. (University of Nebraska); *Art*

Therese Terr Marie Kepes, Kettering; B.F.A. (University of Dayton); *Art*

Fredrik Lance Marsh, Columbus; B.F.A.; *Art*

Willard Raymond Neuert, Burlington, VT; B.A. (St. Michael's College); *Theatre*

Don J. Pollack, Columbus; B.F.A. (University of Illinois at Champaign); *Art*

Susan Deirdre Taaffe, Columbus; B.F.A.; *Art*

Master of Health Administration

Philip Lamonte Bias, Columbus; B.S. (Bob Jones University); *Hospital and Health Services Administration*

Robert Andrew Bjorvik, Columbus; B.S. (Loyola University at Chicago); *Hospital and Health Services Administration*

James Brian Brawley, Huron; B.S.; *Hospital and Health Services Administration*

Carolyn Moore Chinn, Columbus; B.S., M.S.; *Hospital and Health Services Administration*

Lyndon Jay Christman, Columbus; B.S.; *Hospital and Health Services Administration*

Donna Jean Daugherty, Lincoln Park, MI; B.A. (Michigan State University); *Hospital and Health Services Administration*

Robert Anthony Faubert, Columbus; B.A., M.Ed. (Boston College); *Hospital and Health Services Administration*

Gregory Beach Gattman, Columbus; B.A. (DePaul University); *Hospital and Health Services Administration*

Anne Kendall Geist, Kalamazoo, MI; B.S. (Michigan Technological University); *Hospital and Health Services Administration*

Mary Therese Gofran, Endicott, NY; B.S. (State University of New York at Fredonia); *Hospital and Health Services Administration*

John Anthony Grima, Jr., Warren; B.A. (University of Notre Dame); M.A. (Ohio University); Ph.D. (University of Michigan); *Hospital and Health Services Administration*

Mary Kay Groff, Hammond, IN; B.S.W. (Valparaiso University); *Hospital and Health Services Administration*

John Franklin Heller, III, Columbus; B.A. (Denison University); *Hospital and Health Services Administration*

Joseph Thomas Hooper, Tipp City; B.A. (Wright State University); *Hospital and Health Services Administration*

Kelley James Kash, Columbus; B.A. (Colby College); *Hospital and Health Services Administration*

Leo Kessler, III, Columbus; B.S. (Wright State University); *Hospital and Health Services Administration*

William Brian Namestrick, Mentor; B.S. (Murray State University); *Hospital and Health Services Administration*

Edith Theresa Nemeth, Worthington; B.S.; *Hospital and Health Services Administration*

Glenn Edward Pearson, West Sayville, NY; B.A. (Syracuse University); *Hospital and Health Services Administration*

Robert William Radler, Mansfield; B.S.; *Hospital and Health Services Administration*

Kevin Lee Rogals, Circleville; B.A., M.A. (Case Western Reserve University); *Hospital and Health Services Administration*

Thomas James Shidaker, Jr., Columbus; B.S. (Wright State University); *Hospital and Health Services Administration*

Samuel Lee Solits, Shavertown, PA; B.S. (Oral Roberts University); *Hospital and Health Services Administration*

Robert Lester Stetson, Newtown, PA; B.A. (The College of Wooster); *Hospital and Health Services Administration*

Jean Louise Todd, Toledo, B.A. (San Francisco State University); *Hospital and Health Services Administration*

Sister Jomary Trstenzky, Springfield, IL; B.S.N. (Marillac College); M.S.N. (The Catholic University of America); *Hospital and Health Services Administration*

Gene Weiss, Hackensack, NJ; B.S. (Oneonta State College); *Hospital and Health Services Administration*

Jill Inez Willen, Canton; B.A. (Vanderbilt University); *Hospital and Health Services Administration*

Master of Labor and Human Resources

Chauncey Mertz Mason, Columbus; B.A.; (Mount Union College); *Management and Human Resources*

Anthony Mark Pora, Poughkeepsie, NY; B.A. (State University of New York at Albany); *Management and Human Resources*

Beverly Kay Stalder, Columbus; B.S.; *Management and Human Resources*

John Derek Ter-Monshulzen, Port Elizabeth, Eastern Province, South Africa; B.Comm., M.Comm. (University of Port Elizabeth); B.Comm. (Hons.) (University of South Africa); *Management and Human Resources*

Master of Landscape Architecture

Noël Beatrice Dorsey, Columbus; B.A. (Antioch College); B.S.L.A.; *Landscape Architecture*

John Kenneth Seavers, Dayton; B.S.; *Landscape Architecture*

Master of Liberal Studies

Kit Firth Cress, Mansfield; B.S. (University of Pittsburgh); *Liberal Studies*

Mary Lucille Hodkenberg, Columbus; B.A. (Capital University); *Liberal Studies*

Master of Music

Bethann Argot, Columbus; B.S. (Messiah College); *Music*

Mark Owen Davis, Emory, VA; B.Mus. (Cleveland Institute of Music); *Music*

Lisa Joanne Hansgen, Columbus; B.M.; *Music*

Susan Marie Martin, Brownsburg, IN; B.S. (Ball State University); *Music*

Michael Grant Schalllock, Pass Christian, MS; B.M.Ed. (University of Southern Mississippi); *Music*

Master of Public Administration

Anthony Philip Camma, Cincinnati; B.A.; *Public Administration*

Jane Anne Durham, Findlay; B.S.; *Public Administration*

Anne K. Essenhugh, Columbus; B.A. (Universite de Montreal); *Public Administration*

Bene May Gross, University Hts.; B.A. (Miami University); *Public Administration*

John Franklin Heller, III, Columbus; B.A. (Denison University); *Public Administration*

Jill Huntley-Sims, Columbus; B.A.; *Public Administration*

Jack Jay Jackson, New Albany; B.A. (Ohio Dominican College); *Public Administration*

Bruce Allen Johnson, Lincoln, NB; B.S. (University of Nebraska at Lincoln); *Public Administration*

Diane Marie Kallnowski, Warren, MI; B.A. (Michigan State University); *Public Administration*

Bradley Nolan Pope, Tecumseh, NB; B.S. (University of Nebraska); *Public Administration*

Jo Ann Terhar, Milford; B.A. (Ohio University); *Public Administration*

Donald Paul Witkowski, N. Tonawanda, NY; B.A. (Canisius College); *Public Administration*

Master of Science

Bradley Gail Angell, Louisville, KY; B.S. (Xavier University); D.M.D. (University of Louisville); *Dentistry*

Mohammad Aslam, Columbus; B.Sc., M.Sc. (Hons.) (W.P.A.U. Faisal Abad, Pakistan); *Agronomy*

Mustafa Mohamed Azzouz, Benghazi, Libya; B.Sc. (Salford University); M.Sc. (Portsmouth Polytech); *Electrical Engineering*

Mark Alan Balch, Burbank, IL; B.S. (University of Illinois at Chicago); *Chemical Engineering*

Gordon Russell Baker, Columbus; B.S.; *Civil Engineering*

N. I. Balakrishnan, Madras, Tamil Nadu, India; B.Tech. (Indian Institute of Technology); *Computer and Information Science*

Enrique Barbieri Irujo, Caracas, Venezuela; B.S., *Electrical Engineering*

Douglas R. Barnes, Toledo; B.A.; *Natural Resources*

Timothy M. Bartish, Painesville; B.S.; *Environmental Biology*

Gregory Raymond Basile, Akron; B.S.; *Electrical Engineering*

Amy Lynn Baum, Columbus; B.A.; (Indiana University); *Industrial and Systems Engineering*

Jahan B. Bayat-Mokhtari, Meshed, Iran; B.S. (Iran College of Science and Technology); M.S.; *Nuclear Engineering*

Brook Waite Beall, Columbus; B.S.; *Aeronautical and Astronautical Engineering*

C. Estelle Beaumont, Des Plaines, IL; B.S. (Bowling Green State University); R.N. (Silver Cross Hospital); *Allied Medical Professions*

Steven Charles Bell, Parma; B.S.; *Mechanical Engineering*

Robert Campbell Bennett, Poland; B.A. (Miami University); *Physiology*

Sarah J. Bernier-John, Houston, TX; B.S. (University of Puerto Rico); *Electrical Engineering*

Peter Austin Bestruk, Pataskala; B.A. (Ball State University); M.A.S.; *Statistics*

Barbara J. Bolender, Circleville; B.S.; *Nursing*

Frank Stephen Bowling, Circleville; B.S.; *Agricultural Economics and Rural Sociology*

Timothy Andrew Bowman, Fletcher; B.S.; *Agricultural Economics and Rural Sociology*

Elizabeth Jane Bragg, Oak Hill WV; B.S.N. (West Virginia University); *Nursing*

Becky Mae Breiner, Columbus; B.S.N. (Wright State University); *Nursing*

Robert John Brown, Indianapolis, IN; B.S. (Butler University); *Mathematics*

Michael Buddy, Westerville; B.A. (Holy Cross College); B.A. B.Litt. (Oxford University); *Computer and Information Science*

Debra Elaine Burrn, Columbus; B.A. (DePauw University); *Horticulture*

Brian Edward Burke, Watertown, MA; B.S. (University of Tampa); *Microbiology*

Daniel Dale Burwell, Danville; B.S.; *Zoology*

- Denice DeLaney Cassini**, West Lafayette, IN; B.S. (Purdue University); *Horticulture*
- Melchi Chen Chan**, Columbus, B.S., M.S. (National Taiwan Normal University); M.S.; *Computer and Information Science*
- Whei-jen Chang**, Yuanlin, Taiwan, R.O.C.; B.Ed. (Taiwan College of Education); *Physics*
- John Richard Chapman**, Lima; B.S.; *Mathematics*
- Jen-Tai Chen**, Taipei, Taiwan, R.O.C.; B.D.S. (Taipei Medical College); *Dentistry*
- Kuo-Hua Chiang**, Columbus, B.S. (Feng Chia University); *Engineering Mechanics*
- Charles Maryama Buliko Chikaka**, Tanzania, East Africa; B.Sc. (University of Dar-Es-Salaam); M.S.; *Agricultural Economics and Rural Sociology*
- Kangra Cho**, Seoul, Korea; B.S. (Soong-Jun University); *Electrical Engineering*
- Robert Peck Christen**, Syracuse, NY; B.A. (Beloit College); *Agricultural Economics and Rural Sociology*
- Linda Marie Cortese**, Brooklyn; B.S. (University of Toledo); *Pharmacy*
- James Robert Cryder, Jr.**, Cincinnati; B.S., D.D.S.; *Dentistry*
- Thomas John Cunningham**, East Liverpool; B.S.; *Electrical Engineering*
- Alan Paul Curtis**, Columbus; B.S.; *Electrical Engineering*
- Gregory Alan Dahlem**, Dayton; B.S.; *Entomology*
- Michael Joseph Dahlhansen**, Cleveland Heights; B.S.E.E. (Cleveland State University); *Electrical Engineering*
- Jay B. Dean**, Columbus; B.S. (Central Michigan University); M.S. (Michigan Technological University); *Physiology*
- Carolyn Walsh DeVore**, Cincinnati; B.S.N. (University of Cincinnati); *Nursing*
- Barbara Maria Doerr**, Dayton; B.S. (Xavier University); M.S. (Wright State University); *Physiology*
- John Marchant Donecker**, Columbus; B.A. (Gettysburg College); V.M.D. (University of Pennsylvania); *Veterinary Clinical Sciences*
- Jorge E. Donoso**, Chitre, Republic of Panama; B.S. (Colegio Jose De Crespo); Dental Surgeon (Univ. Autonoma De Guadalajara); *Dentistry*
- Nancy Lynn Dorinsky**, Shelby; B.S.N.; *Nursing*
- Nancy Lynn Dostal**, Schuyler, NB; Pharm.D. (University of Nebraska Medical Center); *Pharmacy*
- Geralyn Olivia Duska**, Mingo Junction; B.S.; *Veterinary Pathobiology*
- Masaaod Ali El Youssi**, Tripoli, Libya; B.Sc. (El-Fatah University); *Horticulture*
- Abdulhasser Abdulwadoud El-Jandali El-Rifal**, Homs, Syria; B.S.C.E. (University of Illinois); *Civil Engineering*
- James Ralph Fehrenbacher**, Olney, IL; B.A. (Southern Illinois University at Carbondale); M.S. (University of Wisconsin at LaCrosse); *Computer and Information Science*
- Allen Dean Fillmore**, Spanish Fork, UT; B.S. (University of Utah); *Pharmacy*
- Saida J. Flores-Conde**, Honduras; Economist (Univ. Nacl. Autonoma de Honduras); *Agricultural Economics and Rural Sociology*
- Fredric Yat Sing Fok**, Vancouver, B.C. Canada; B.A.Sc. (University of Waterloo); *Electrical Engineering*
- Glenn Robert Frank**, Madeira, D.V.M.; *Veterinary Pathobiology*
- Frank Frastad, Jr.**, Reynoldsburg; B.S. (Case Western Reserve University); *Computer and Information Science*
- John Walter Freshel**, Columbus; B.Ag.Eng. (Universidade Fed. Santa Catarina); *Agricultural Economics and Rural Sociology*
- David Jay Frost**, Chalfont, PA; B.S. (The Pennsylvania State University); *Horticulture*
- Robert Walter Geist**, Columbus; B.S. (Michigan Technological University); *Metallurgical Engineering*
- John Sherman Gilliom**, Wooster, AR; B.S. (University of Central Arkansas); *Mathematics*
- Karen E. Goss**, Dublin; B.S. (Georgia State University); *Anatomy*
- Terrell James Green**, Hannibal, MO; B.S. (University of Missouri at Rolla); *Chemical Engineering*
- James Michael Gregg**, Columbus; B.S.; *Electrical Engineering*
- Lawrence Joseph Gutkowski**, Parma; B.S.; *Mechanical Engineering*
- Marta Angelina Haban**, Reynoldsburg; B.S.; *Geology and Mineralogy*
- Michael Robert Hamerski**, Syracuse, NY; B.S. (University of Mississippi); *Entomology*
- Brent Lee Harris**, Columbus; B.S. (Utah State University); D.D.S. (Case Western Reserve University); *Dentistry*
- William H. Hawans**, Reynoldsburg; B.S. (University of Pittsburgh); *Computer and Information Science*
- Xin He**, Beijing, China; M.S.; *Computer and Information Science*
- Karen Leigh Hillegass**, Clemmons, NC; B.S. (Ohio Northern University); *Pharmacy*
- Jack Brian Hilly**, Fremont; D.D.S.; *Dentistry*
- Cynthia Sue Hirschfeld**, Columbus; B.S.N.; *Nursing*
- Soonjo Hong**, Korea; B.S. (Hanyang University); *Civil Engineering*
- William Richard Horton**, Columbus; B.A. (New York University); M.S. (University of Texas at San Antonio); M.S.; *Computer and Information Science*
- Jeffrey Allen Houck**, Kettering; B.A. (Miami University); *Pharmacology*
- Tzu-Chien Jeffrey Hsu**, Taipei, Taiwan, R.O.C.; B.S. (National Taiwan University); *Chemical Engineering*
- Yeu-Ying Hsu**, Taiwan, R.O.C.; B.S. (National Taiwan University); *Welding Engineering*
- Sung-Pyng Huang**, Taipei, Taiwan, R.O.C.; B.S. (National Chung-Hsing University); M.S.; *Computer and Information Science*
- Brian Thomas Huber**, Columbus; B.S. (The University of Akron); *Geology and Mineralogy*
- Paul E. Infanger**, Columbus; B.S.; *Nuclear Engineering*
- Mostafa Jafarima**, Mashhad, Khorasun, Iran; B.S. (Arya Mehr University of Technology); M.S. (Youngstown State University); *Welding Engineering*
- David Carpenter Jamon**, Ashburnham, MA; B.A. (Clark University); *Ceramic Engineering*
- In-Seop Jeong**, Seoul, Korea; B.E. (Han-Yang University); *Metallurgical Engineering*
- Dean Johnson**, Delaware; B.S. (Concordia College); *Chemical Engineering*
- Timothy Allen Jones**, Middletown; B.S.; *Welding Engineering*
- Eon-Kyeong Joo**, Taegu, Korea; B.S. (Seoul National University); *Electrical Engineering*
- Craig L. Joseph**, Canton; B.S.; *Astronomy*
- Moses S.P. Joseph**, New Delhi, India; B.Sc. (National Dairy Research Institution); *Food Science and Nutrition*
- Ding-Tsong Jou**, Taipei, Taiwan, R.O.C.; B.S.E. (National Cheng Kung University); M.A.; *Computer and Information Science*
- Kenneth Gerard Jozefczyk**, Detroit, MI; B.S. (Wayne State University); *Pharmacy*
- Kamil Elias Kaloush**, Beirut, Lebanon; B.S.; *Civil Engineering*
- Michael Christopher Kane**, Columbus; B.S. (Ohio Institute of Technology); *Electrical Engineering*
- Ali Hassan Karaki**, Lebanon; B.S.; *Civil Engineering*
- Robert Harold Keich**, Granville; B.A. (The College of Wooster); *Chemical Engineering*
- Jaoue Barth Kennedy**, Coshocton; B.S.; *Welding Engineering*
- Anne Marie Keuneke**, Pickerington; B.S., M.S. (Purdue University); *Computer and Information Science*
- Earl Lee Kittle**, Columbus; D.V.M.; *Zoology*
- John Harlan Knoop, Jr.**, Troy; B.A. (Virginia Wesleyan College); B.S.N. (Northern Michigan University); *Nursing*
- Yasuo Kobayashi**, Kameoka-City, Kyoto, pref., Japan; B.S. (Okayama University); M.S. (Kyoto University); *Metallurgical Engineering*
- Alan Michael Kovack**, Parma; B.S.; *Animal Science*
- Marleen Louise Kromer**, Columbus; B.S.; *Botany*

- Christopher Wolfe Krumm**, Columbus, B.A. [Capital University]; *Geology and Mineralogy*
- Chiung-Chi Kuo**, Tainan, Taiwan, R.O.C.; B.S. [National Chung-Hsing University]; *Horticulture*
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Randy Dale Wilkins, Urbana
Lorie Grace Yoder, Walnut Creek
Justine Louise Zollo, Queens, NY

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Peter Hall Cary, Columbus
Alice Virginia Clark, San Antonio, TX
Noah David Cope, Jr., Oxford
Sandra Lynn Fogg, Strasburg, VA
James Joseph Keiter, Wilmington
Douglas Metcalf Koyle, Canton
Karen Sue Litterer, Reynoldsburg
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Randall Allen Riffe, Grove City
Richard Gerard Roeckner, Kettering
Martha Jean Schoof, Whitewater, WI
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Timothy Alan Latimore, Columbus

Bachelor of Art Education²

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Jane Marie Cera, Niles
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Louis Edward Tiberi, Columbus
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Lisa Annette Cozad, Columbus
Ben Alan Echard, Washington Court House
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Joseph Scott Forsythe, Baltimore
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Susan Lynn Hanna, Marietta
Angela Sue Hartle, Kettering
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Susan Marie Hessler, Columbus
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Michael Henry Mayer, Rocky River
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Rocky Lee Nutter, Huron

Martin Andrew Pieramico, Columbus
 Linda M. Pugh, Columbus
 Jed Rumora, Ashtabula
 Mark Stuart Schneiderman, Uniontown
 Brent Garth Steinhagen, Centerville
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 Regina A. Vetter, Portsmouth
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College of Biological Sciences

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 Elio Ventresca, Columbus
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Bachelor of Science

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 Mark Gregory Bloom, Shadyside
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 John Andrew Bohmann, Columbus
 Stephen Laurence Bolt, San Antonio, TX
 Eric C. Bourekas, Warren
 Robb Edgar Brown, Amherst
 Todd Jonathan Brown, Columbus
 Gregg Raymond Bruns, Cincinnati
 Daniel Robert Bugoci, Mayfield Village
 David Bushek, Worthington
 Kevin Patrick Byrne, Columbus
 Gail Ann Carney, Cuyahoga Falls
 Jeffrey Bernard Casamento, Chesterland
 James Vito Cicchese, Northridge, CA
 Kathleen Ann Ciesiak, Brunswick
 David Christian Coborn, Orient
 Clifford Allen Cook, Akron
 William Bryan Coon, Columbus
 Edward James Cupler, Youngstown
 Camila Curren, North Ridgeville
 Timothy James De Leo, Warren
 Sharon Lynn Dechert, Cincinnati
 Jon Brooks Decker, Lancaster
 Iveta Daina Dinbergs, Broadview Heights
 Kent William Doherty, Worthington

James Owen Doone, Jr., Gahanna
 Craig Allen Doupnik, Columbus
 Nancy Eleanor Drescher, Rocky River
 Paul Henry Dreyfuss, Miami, FL
 Jean Marie Duddy, Quincy, MD
 Brian Glenn Dunlap, Beavercreek
 Norbert Nicholas Engelman III, Dayton
 Tina Louise Evans, Galion
 Blanche Susan Fahrer, Dayton
 Mark Steven Fisher, Grove City
 Patrick Oscar Flannery, Hamilton
 Lowell Arick Forrest, Dublin
 Rosemarie Foruria, Columbus
 Bryan Alan Fox, Hide-A-Way Hills
 Laurie M. Franks, Findlay
 Barbara Ellen Frasz, Mansfield
 Paul Reginald Gardner, Cincinnati
 James Lee Glassford, Grand Rapids
 Dale Alan Goodman, Mayfield Heights
 Leo David Goodrich, Zanesville
 Robert Allen Greene, Beachwood
 Hans Peter Guter, Columbus
 Julie Ann Guthrie, Springboro
 Anne Elizabeth Hallock, Columbus
 Charleen Marie Hamilton, Allentown, PA
 Lon Ann Harsh, Alliance
 Rebecca Ann Hart, Berea
 Robert Joseph Heit, Miamisburg
 David Alan Helms, Tiltonsville
 Kathleen Ann Herrick, Toronto
 Peter David Hucek, Columbus
 Laura Yauch Huff, Columbus
 Debra Sue Hurtt, Defiance
 Denise Marie Janora, Bayonne, N.J.
 Laurie Renee Ihlie, Youngstown
 Barbara Marie Johanns, Paulding
 Bonnie Lynn Johns, Lima
 Cynthia Cay Johnson, Cincinnati
 Cynthia Kaye Johnson, Circleville
 Mark Joseph Johnson, Ravenna
 Joan Elizabeth Kasprzycki, Fairfield
 Frazier Schorr Keck, Bay Village
 John Raymond Keim, Barberton
 Brian Joseph Kelleher, Columbus
 Lisa Ann Keller, Chesapeake
 Susan Lynn Ketchner, Picayune, MS
 Charles Ephraim Kichler, Cincinnati
 Dean James Kiourtsis, Upper Arlington
 Teresa Marie Kobettisch, South Euclid
 Derrick Mark Kruger, Shaker Heights
 Anne Michelle Kukral, Independence
 Waldo Hermann Lanas, Columbus
 Kenneth David Lang, Cincinnati
 John Douglas Lawson, Hudson
 Amy Louise Leber, Springfield
 Andy Chi-An Lee, Columbus
 Jeffrey D. Lieberman, Canton
 Kathleen Lilly, Columbus
 Amy Louise Loch, Galion
 Mark Phillip Long, Middleburg Heights
 Regina Christine Long, Middletown
 John Robert Madison, Jr., Salem
 Taras Mahlay, Parma
 Mintha Milagros Maltes, Arecibo, Puerto Rico
 George E. Makroglou, Parma
 David Gregory Mangels, Cincinnati
 Gregory Michael Marciniak, Toledo
 Frank Joseph Marino, Jr., Salem
 Neal A. Marks, Akron

Christina Marie Martin, Columbus
 Sheryl Ann Martin, Ashland
 Charlotte Rose Braithwaite Martinez, Toledo
 Kevin Brian McClure, Wooster
 Ralph Dwight McGinnis III, Columbus
 Michael Charles McVicker, Toledo
 Erica Leah Meyer, Houston, TX
 Deborah Elizabeth Miller, Brimfield
 John Christopher Mitchell, New Philadelphia
 Barbara Jeanne Mohler, Oberlin
 Virginia Marie Molleran, Cincinnati
 Celeste Elaine Moore, Hartsville
 Kirby Ray Morris, Middletown
 Ann Marie Morvai, Barberton
 Michael Gerard Mulligan, Columbus
 Jennifer Joan Murchake, Upper Arlington
 Erle Douglas Murphey III, Payne
 Mary Elizabeth Murphy, Akron
 David Evan Neal, Perrysburg
 Elizabeth Ann Ninke, Holmdel
 Thomas Joseph O'Brien, Jr., Dublin
 Menekse Bahar Oktener, Columbus
 Marie Antoinette Parks, Columbus
 Lon Douglas Patton, Sidney
 Troy Denning Payner, Elyria
 Gwen Ann Pearson, College Station, TX
 Craig Douglas Perry, Franklin
 Gary Martin Piorowski, Twinsburg
 Phyllis Jo Polas, Poland
 Michael Politino, Plain City
 James Roscoe Porter, Toledo
 Neal John Postel, Middleburg Heights
 Darrell Wayne Pratt, Franklin
 Paula Jean Pressler, Castalia
 James Gorard Raiston, Columbus
 Barbara Jane Ranchoff, Fairview Park
 Linda Louise Reilman, Cincinnati
 Douglas Elliot Richards, Cincinnati
 Joseph Reid Ritchie, Fairborn
 Dayne Kai Roberts, Dublin
 Sharon Marie Roberts, Wadsworth
 Carrie Heleine Robinson, Bloomingdale
 Steven L. Robinson, Westerville
 Sharron Kay Sankovich, East Sparta
 Harry E. Sarvis, Akron
 Suzanne Kay Schmitt, Port Clinton
 Virginia M. Schnipke, Delaware
 Jeffrey Ray Schoning, Ravenna
 Karen Lee Schultz, Alliance
 Jack Douglas Scott, Lucas
 Christopher Joseph Skocik, Niles
 Renee Rae Skorepa, South Euclid
 Dawnne Elisabeth Slabach, Crestline
 Alison Achsbach Smith, Westerville
 Jeffrey Thomas Speicher, Columbus
 Jeffrey R. Spitzner, Westerville
 Russell David Spivey, Newark
 Chiselle Lynn Sprouse, Chillicothe
 Patricia Lynne Sterrett, Gallipolis
 Ingrid M. Strateff, Akron
 Scott Joseph Stroup, Alliance
 Richard L. Sulek, Cincinnati
 Timothy Earl Thetford, Toledo
 Lynda Carol Titterton, Bedford
 Thomas Charles Trevorrow, Washington, PA
 Jon Alan Trimboli, Willoughby
 Brett Jason Walrath, North Kingsville
 Gardner Michael Watkins, Rapid City, S.D.
 Linda Marie Watson, Plain City

Michael B. Weinstein, Toledo
Julia Ann White, New Carlisle
Laurie Lynnette Willett, Oak Harbor
Debra Karen Williams, Shandon
James David Witslon, Troy
Eric Schilling Wissler, Chillicothe
Sing Ong Yu, Johor, Malaysia
Michael Edward Zuccaro, Middleburg Heights

College of Humanities

Dean: G. Micheal Riley

Bachelor of Arts

Catherine Marie Amling, Columbus
Suzanne Colleen Anthony, Warren
Debra Bacal, Lyndhurst
Mark James Bair, Wexford, PA
Christine Carol Bajorek, Wadsworth
Jeffrey Steven Baker, Chagrin Falls
Amy Lynn Ballou, Dayton
Thomas Gregory Baron, Marion
Holly Charmain Baxter, Mansfield
Jeffrey Wolkost Belding, Galion
Gregory Bradford Bell, Columbus
George Bilokonsky, Cleveland
Paul Walker Bledsoe, Shaker Heights
Anthony John Blum, Columbus
Gregory William Bredbeck, Akron
Louis Brown, Cleveland
Lawrence D. Burns III, Carroll
Jerry D. Campbell, Springfield
Jodi Lee Carmell, Columbus
Christopher Thomas Cicero, Chagrin Falls
Brigitte Theresa Clark, Moundsville, WV
Debra Ann Clark, Rehoboth Beach, DE
Leslie Lynn Crowley, Bowling Green
Walter Alfred Danielak, Jr., Oxford, CT
Robert M. Daniszewski, Centerville
Nancy J. Day, Columbus
Brenda S. Dunn, Columbus
Robin Lee Estrin, South Euclid
David Thomas Eucker, Columbus
Catherine Rachele Evans, Woodstown, N.J.
Sherry Lynn Eyen, Columbus
Gloria Elaine Forsman, New York, N.Y.
Robert Randolph French, Granville
Lucille Marie Garcia, San Juan, Puerto Rico
Linda Kay Gecowets, Westerville
Teresa Ann Gettgey, Fredericksburg
Lisa Ann Goecke, Centerville
Jean Ann Gregorek, Worthington
Leyla Filiz Gursal, Fairview Park
Alfred Kerna Hamrick II, Grandview Heights
Timothy Scott Hartley, Vandalia
Elizabeth Hartshorn, Chagrin Falls
Linda Elaine Hess, Warren
Jocelyn Elaine Holden, Cleveland
Michael G. Houdeshell, Troy
Steven R. Houser, Newark
William Henry Hubbard, Columbus
Patricia Ann Huckabeck, Charlotte, NC
Brian Edward Iler, South Euclid
Elen M. Jacobson, Pittsburgh, PA
Anne Traye Johnson, Columbus
Roberta Eileen Jones, Worthington

Janice Stroup Karlak, Columbus
Daniel Roger Katz, Cincinnati
Melissa Jane Kesler, Worthington
Kevin Paul Kimble, Marysville
John Terry Kuzmik, Youngstown
Edward James Lang, Columbus
Elizabeth Emilia Larach, San Pedro Sula, Honduras
Scot Ian Lee, Parma
Joan Marie Lindks, Columbus
Mark Curtis Lindberg, Worthington
David Alan Lohr, Painesville
Scott Stephen MacKinnon, Toledo
James Patrick Mackessy, Columbus
Daniel Louis Marino, Columbus
Peter Burr Mash, Marion
Gina Kaye Matheny, Gahanna
Sean Patrick McCabe, Columbus
Scot McCallum, Worthington
Scott Michael McGonagle, Amherst, NY
Cheryl Ann Miller, Green Springs
Kimberly Kay Miller, West Jefferson
Charles Robert Mitroff, Pepper Pike
Teresa Marie Modecki, Marietta
Gordon Mark Morse, Toledo
Thomas James Murray, Upper Arlington
Polly Anne Myers, Solon
Robert Warren Myers, Upper Arlington
Kenny Lee Peden, Sunbury
Susan Lee Rance, Columbus
Susan Jane Reddington, Dayton
Gregory G. Reed, Westerville
Csilla Enoke Remenyik, Des Plaines, IL
Mark Edward Repp, Tiffin
Charles William Rigdon, Austell, GA
Amy Lynne Rinehart, Granville
Jana Marie Robertson, Columbus
Christopher Blake Roycraft, Mansfield
Nancy Burke Rue, Cincinnati
Jonathan Joseph Ryan, Worthington
Patricia Anne Christine Salimberne, Bordeaux, France
Kathryn Ann Schriml, Centerville
Charles A. Sgandurra, Columbus
Steven Curtis Shamblen, Bolivar
Kristin Lane Shemeth, Cocorut Creek
Crystal Ann Smith, Cincinnati
Thomas Alan Smith, Springfield
Kathleen Sue Thompson, Westerville
Deborah Ann Timberlake, Mansfield
Lynn Marie Tureberg, Westlake
Carol Lynn Vore, Columbus
Jennifer Jayne Wagner, Upper Arlington
Susan Elizabeth Wagner, Centerville
Vicki Lee Watson, Plain City
Brian P. Welch, Lexington
Jeffrey Allen Wertz, Lexington
Brian L. White, New Philadelphia
Bonnie Laurie Wigen, Columbus
George Thomas Williams, Columbus
Thomas Carl Wilson, Columbus
Therese E. Wood, Plain City
Catherine Margaret Worthing, Delaware

College of Mathematical and Physical Sciences

Dean: Colin B.B. Bul

Bachelor of Arts

Sheila Diane Beery, Lewisburg, WV
Deborah Elizabeth Bond, Toledo
Debra El Breininger, Wayzata, MN
John E. Frank, Pittsburgh, PA
Anthony Frazier, Madisonville, KY
Quentin Lamont Gardner, Cleveland
Charles Theodore Johns, Bellefontaine
Deborah DiPietro Ketrling, Columbus
Young S. Kim, Seoul, Korea
Karen Mae Kirby, West Carrollton
Daniel Evan Konold, Columbus
Richard A. Kormos, Jr., Chagrin Falls
Diane Marie LeMay, Lancaster
John David Martino, Reynoldsburg
James R. Noonan, Hebron
John Edward Ogden, Whitehall
Carl Edwin Osterholtz, Jr., Steubenville
Daniel A. Sanchez-Zerling, Venezuela
Philip Harry Santa-Emma, Columbus
Mark Allen Schivley, Upper Arlington
Laura Johanna Smith, Euclid
Daniel Thomas Vehr, Columbus

Bachelor of Science

Michael Thomas Adams, Columbus
Deborah Sue Adler, Buffalo, NY
Michael K. Baiser, Mansfield
Joan Ellen Barteit, Clyde
Scott James Bates, Southington
Dante P. Bell, Jr., Port Clinton
Michael A. Bellish, Canfield
Benjamin Martin Bielefeld, Broadview Heights
James Conrad Biser, Jr., Whitehall
Bruce Leigh Brasserie, Akron
Beth Chapman, Worthington
Francisco L. Chethuan, Bogota, Columbia
Kevin Allen Clay, Columbus
Karen Sue Cleveland, Old Fort
Mark Donald Clifford, Toledo
Kenneth Paul Coats, Worthington
Glenn Albert Colegrove, Columbus
James Gregory Colegrove, Portsmouth
Randal Dane Cook, Columbus
Gary James Cornelius, Avon Lake
Roger Edward Coville, Wilmington, MA
Ruth Annette Crable, Bluffton
David Jacob Daulton, Columbus
Daniel Albert DiSanto, Columbus
Steven Robert Durrant, Fairborn
Thomas Joseph Eaton, Mansfield
Dana Edwards, Youngstown
Julie Beth Ferrar, Worthington
Michael Lee Flanary, Kettering
Dana Duff Frost, Worthington
Scott Andrew Galuska, Seven Hills
Eizezer Ganon, Columbus
Vincent F. Giampaolo, Mt. Vernon
Michael Parker Gibson, Cincinnati
Gary Andrew Godorhaazy, Pickerington
Maxim Jonathan Goldberg-Rugalev, Columbus
James David Greaves, Kent
James Stuart Guentert, Fairview Park
Mitchell Wade Gwin, Columbus
Paul Terrence Haninger, Columbus
Eric Shawn Henderson, Genoa

Teresa Jane Herderick, Columbus
 Susan Marie Hermiller, Toledo
 Glenn David Hess, Claymont, DE
 David Neal Hommrich, Mt. Perry
 Keith Alan Hottinger, Washington Court House
 Douglas Lee House, Waynesfield
 Brian Gerard Hovest, Glandorf
 Mark Alan Hovey, Columbus
 Thomas Michael Hull, Tipp City
 Steven Robert Hurst, Kettering
 Bart Jacoby, Perrysburg
 Carl Erwin Johnson, Dayton
 Mary Sue Kinkelaar, Westlake
 Margarita Kirzhner, Toledo
 En Tzu Lei, Columbus
 Paul Scott Leonard, Beavercreek
 Steven Allen Lewis, Cincinnati
 David Paul Lezan, Seven Hills
 Norman Clifford Lowe, Ashtabula
 Larry Joseph Lowers, Belpre
 Patrick Alan Lyons, Gahanna
 Michael Lee Mallin, Lima
 Scott Edward Mason, Coshocton
 Catharine M. Mayhew, Lakewood
 James Richard McGarrahan, Kettering
 Susan M. Melmed, Columbus
 Cynthia Anne Miller, Alliance
 Gail Ann Mitchell, Delaware
 David B. Morse, Springfield
 Mark Donald Newhall, Columbus
 Hung Si Nguyen, Columbus
 Kathy Sue Noe, Columbus
 Gary E. Oakley, Wapakoneta
 John Edward Ogden, Whitehall
 Isabella Ojalvo, Columbus
 Terry L. Oswald, Kettering
 Susan Lisa Palmiter, Toledo
 Elizabeth Ann Park, Bexley
 Padma Permetasa, Columbus
 Kathy Anne Price, Sunbury
 Timothy Patrick Rand, Massillon
 Thomas Patrick Rinella, Hamilton
 William John Rueger, Jr., Dublin
 Richard Leo Schmetzer, Bremen
 Kevin D. Scott, Upper Arlington
 Thomas Arnold Smithhsier, Loveland
 Allyson Leslie Spondike, Tallmadge
 Katherine Lynn Springer, Solon
 Roy Alan Stanley, Columbus
 Cristine Ann Strovias, Toronto
 Melanie Anne Swary, New Bavaria
 Jeffrey Bryant Travers, Wapakoneta
 Robert D. Trisket, Madison
 Heidi Ann Wagner, Mansfield
 Janice Lynn Warden, Cambridge
 William Wallace White, Cincinnati
 Thomas John Winnard, Columbus
 Christine Marie Zambory, Bedford

Bachelor of Arts

Ceil Joy Abrams, Cincinnati
 Christine Marie Adams, Willowick
 Noel Anthony Agard, Centerville
 Nicholas Todd Amato, Wellsville
 Leslie Margo Andelson, Rocky River
 Christina Anjesky, Cleveland
 Carrie Lynne Marie Anthony, Columbus
 Gregory Patrick Armotrading, St. Kitts, W. Indies
 Melanie Burns Asher, Mansfield
 Lisa Beth Bader, Dayton
 Robert Thomas Bagent, Newark
 Dorothy Zawacki Balkin, Nova
 Megan Banker, Bellaire
 Lisa Suzanne Barrett, Cleveland Heights
 Susanne Elizabeth Bartels, Waterford, CT
 Thomas Anthony Battocciotti, Columbus
 Michael David Bauer, Cincinnati
 Wendy Susan Baumal, Lyndhurst
 Natalie Bauman, Cincinnati
 Thomas Jeffery Beausay, Perrysburg
 Lisa Anne Belkin, Beachwood
 Deidre Jean Berkebile, Columbus
 Jeffrey H. Black, Willoughby
 Pamela J. Board, Twinsburg
 Jeffrey Badger Booth, Perrysburg
 Ann Lisa Bowen, Columbus
 Lauren Lee Bowen, South Point
 Gregory Scott Bowling, Akron
 Sally Bea Bowman, Dayton
 Sam R. Bradley, Lorain
 Gregory A. Bragg, Granville
 Michael Alan Brembeck, Columbus
 Nancy Ellen Brennemann, Columbus
 Michael Lee Bressler, Mansfield
 Steven R. Brinkman, Edison
 Ronald Vincent Broughton, Monroe, MI
 Clark A. Bruggers, Perrysburg
 Robin Elizabeth Buckley, Sylvania
 Richard D. Bueter, Burkettsville
 Susan Kathleen Bunning, Cincinnati
 Therese Rosemarie Burger, Newark
 Michael Robert Burkhardt, Fairborn
 Martha Jo Burns, Bryan
 Joseph Allen Butauski, Strongsville
 Isabel Rose Butterman, Spring Valley, NY
 Sylvia Beathe Byholt, Norcross, GA
 Rhonda Denise Caldwell, Columbus
 Lynnette Jo Cannight, Columbus
 Deno C. Capelo, Jr., Caldwell
 Linda Elaine Capozziello, Columbus
 Carl F. Carlson, Westerville
 Doretha Casey, Akron
 James H. Chamberlin, Jr., Wooster
 Richard Gordon Chapman, Columbus
 Christine Ann Chernesky, Cleveland Heights
 Teresa Ann Cody, Clarksville
 Steven Alan Cohen, Columbus
 Christopher Louis Cole, Bricktown
 Nancy J. Collins, Columbus
 Celeste Anne Conde, North Royalton
 Wendy Ann Corsi, Hasbrouck Heights, N.J.
 Daniel Lee Coutts, Urbana
 Jay Arthur Crummy, Washington Court House
 Kimberly Kay Cumbo, Columbus
 Margaret Ann Cuppy, Columbus
 Jane Elizabeth Currin, Cincinnati
 Daniel Stephen Dankovich, Youngstown

Joyce Sue Davenport, Upper Arlington
 Sondra Ann Davis, Reynoldsburg
 Blase Thomas De Leo, Dublin
 Jan Marie Dickerson, Reynoldsburg
 Alice Alma Dickson, Rocky River
 Laura Ann Dicola, North Canton
 Stephen Delauzon Dimon, Jr., Newark
 Jeffrey Allen Dittmer, Amherst
 Beth Anne Dodds, Columbus
 Treva Dotson, Columbus
 Robert William Duff, Jr., Columbus
 Patrick B. Duhon, Akron
 Mark Howard Ebner, Columbus
 Lori Harnet Edheimer, Pepper Pike
 Daniel Shane Egan, Columbus
 Kleet E. Ellis, Lima
 Terri Ann Elmer, Strongsville
 Polly Ann Emerick, Columbus
 Jacqueline Louise Englehart, Willoughby
 Robert Elliott Esmond, Upper Arlington
 Kenneth E. Everhart, Tiffin
 Emily Eving-Ze, Columbus
 Lori Jo Eyer, Worthington
 Pearlina Clarisa Fagain, Columbus
 Alicia Diane Fagan, Oxon Hill, MD
 Del-Ray Louis Feagin, Mansfield
 Rebecca Ann Felman, Dayton
 Edwin Fernandez, San Juan, Puerto Rico
 Susan Lynn Fertei, Cleveland
 Kathleen Marie Finneran, Painted Post, N.Y.
 Lester William Firtenberger, Marion
 Sondra Marie Fisher, Portsmouth
 Peggy Kay Flechtner, Fostoria
 Kay Fryklund Fleischer, Columbus
 Steven Robert Frankel, Cincinnati
 Judith Lynne French-Berry, Sebring
 Barbara Anne Fries, Columbus
 Victoria Veronica Frisch, Columbus
 Julia Ann Gabriel, Columbus
 Adnienne Grace Galajda, Columbus
 William Michael Gallaer, Columbus
 Maryanne Gallagher, Columbus
 Christine M. Ganger, Columbus
 Jennifer Anne Gansz, Philadelphia, PA
 Deborah Jean Garmon, Cincinnati
 Gary Lee Garrison, Columbus
 Janice Garthrite, Cleveland
 Nancy L. Geisenfeld, Dayton
 Sara Mae Gerbitz, Russell
 Scott Douglas Gerhard, Pickerington
 Mary Elizabeth German, Canton
 Linda Wagner Gibson, Columbus
 Lisa Ann Gildenmeister, Bellevue
 Kelly Maria Givens, Belpre
 William James Gladden, Westerville
 Cheryl Ann Gladstone, Mayfield Heights
 Sandra L. Gleason, Hilliard
 Therese Marie Goliias, Brecksville
 Suzanne Elizabeth Goltz, Columbus
 Lawrence Richard Gomez, Fostoria
 Cheryl Lynne Gore, Columbus
 Rodney E. Gorley, Cincinnati
 Gayle Pauline Gottlieb, Cincinnati
 Deborah Jo Grace, Addison, IL
 Richard Edward Grant, Cheektowaga, N.Y.
 Julie Lynn Green, Chagrin Falls
 Anthony Paul Gressel, Hamilton
 David Robert Grinstead, Grandview
 Roslyn Jeanne Grossman, Columbus

College of Social and Behavioral Sciences

Dean: Joan Huber

Elisabeth Anne Hanna, Rocky River
Patricia L. Hannahs, Columbus
Dawn Elizabeth Hardin, Upper Arlington
Sandra Lee Hartman, Rocky River
Linda Faye Hatfield, Centerville
Laurie Jean Heminger, Oregon
Robert Claude Hendon, Akron
Barton Richard Henry, Bradford, Ct.
Steven J. Herbiak, Bedford Heights
L. Fayette Herring, Wapakoneta
Lori Ann Hetzer, Pierpont
Darren Robert Hissong, Akron
Cheri G. Hoffman, Bexley
Patricia Ann Holiday, Cincinnati
Barbara Ruth Holloway, Willoughby
Thomas Louis Holloway, Parma
Teri Beth Holt, Dayton
Traci Ann Hopkins, Columbus
Renea L. Hushour, Northfield
Gregory Alan Hutchinson, Westlake Village, CA
Sandra Imbrogno, Columbus
Jeffrey Louis Jackson, Hubbard
Dennis William Jacob, Gahanna
Mitchel F. Jacobs, Baltic
Barry K. Jamieson, Rocky River
James John Javoris, Chesterland
Marguerite Elaine Johnson, Mentor
Arlene Albertine Jones, Rochester, N.Y.
Jerome Robert Kagan, University Heights
Kina Ann Kerst, Mansfield
Matthew Joseph Kiss, Jr., Dayton
Paula Jo Kline, Stow
Richard Scot Knauff, Lucasville
Jeffrey L. Knight, Mansfield
David Mechling Kose, Pickerington
Jeffrey Joseph Kremchek, Cincinnati
Scott Steven Kremchek, Cincinnati
Eileen I. Kropf, Avon Lake
Marc Kresin Labry, Ashtabula
Roger D. Lagunoff, Los Angeles, CA
William Thomas Latimer, Jr., Huber Heights
Roger Eugene Latta, Jr., Cincinnati
Robert W. Leaver, Akron
David Edmond Leckrone, Mount Perry
Susan Ledvina, Berea
David Michael Leffe, Columbus
David Louis Lemon, Springfield
Ann Sherry Levine, Pepper Pike
Nancy Sydelie Levitin, Toledo
Lori Sue Liggett, Strasburg
Lisa Ellen Litton, Delaware
Spencer Keith Lymon, Columbus
Robert Alan Lynch, Granville
Sandra Machock, Columbus
Kelly Lyn McLaughlin, Mogadore
Cathy Lynne Mahaney, Zanesville
Susan Leslie Malkin, Youngstown
Craig Melvin Manche, Worthington
Lorenzo Leo Marso, Brandt, SD
Christina Lynn Martin, London
Diane Marie Maruca, Houston, TX
Kathy J. Masica, Coshocton
Rosemary Matthews, Louisville, KY
Mark Alan McCalla, Columbus
James Randall McClain, Franklin
Kenneth Neal McDowell, Chillicothe
Cortyn R. McGinty, Mansfield
Stephen Roy McGrade, Jr., Zanesville
Lynn Anne McIntosh, Cincinnati

Francis Joseph McKenna, Columbus
Teresa Ann McKinley, Reynoldsburg
Kelly Lyn McLaughlin, Mogadore
David Brian Meckler, Bexley
Steven Anthony Meder, Columbus
Nancy Marie Meier, Niles
Jeffrey Allen Miles, Columbus
Donald K. Milliken, West Farmington
Keith Pullman Mills, Rocky River
Sandra Lynn Mills, Chagrin Falls
Michael Francis Miro, Fort Smith, AR
Matthew James Misencik, Westlake
James William Moorehouse, Canton
Danny Dale Morgan, Prospect
J. Craig Morrison, Delaware
Molly Maria Mortley, Centerburg
Karen Lynn Moskowitz, Akron
Stephen Michael Muff, Cincinnati
Sherry Dawn Mullins, Orient
Anna Ruth Murtagh, Portland, OR
Joseph Francis Navin, New York, NY
Clifford Spencer Neims, Jr., Decatur, GA
Joan Cornelia Nelson, McGuffey
Cindy Beth Newman, Shaker Heights
Paul Newman, Port Washington, NY
Mary Beth Nicol, Homeworth
Peter D. Norcia, Waukesha, WI
Renea Jean Nowak, Perrysburg
Mary L. O'Connor, Lima
William Frederick Oberer, North Olmsted
Christine Ann Oberting, Columbus
Freindy Helene Orr, Medina
Anthony Gerard Palmieri III, Columbus
Joanne Marie Papadinoff, Medina, NY
John Patrick Parker, Belpre
Christopher Joseph Patrone, Youngstown
Trent La Monte Penn, Columbus
Nancy Joanne Phillips, Granville
Lisa Faith Portnick, Lyndhurst
Jacqueline Mary Quinn, Upper Arlington
Jane Catherine Rader, Elyria
Rita Elaine Raimor, Northfield
Rebecca Jane Ralston, Marion
Louis Clark Rapalee, Norwalk
Gail Delores Rapoport, Lincolnwood, IL
Andrea M. Ratimorszky, Brecksville
Lee Ann Ravas, Port Clinton
Catherine Ann Reeves, Canton
Michelle Elaine Reich, Westerville
Janice Marie Reynolds, Port Clinton
Glenda Robin Rice, Mansfield
Robin Allen Richardson, Medina
Jayna Lee Riggs, Ironton
Ted B. Riley, Springfield
Rebecca Lynne Roach, Columbus
Miriam Ann Robinson, Lisbon
Pamela Ann Roeder, Euclid
Timothy James Rogers, Worthington
Keith Allen Rowland, Bucyrus
Miriam Shoshana Rube, University Heights
Douglas James Rubel, Pemberville
Stephen Stuart Rubery, Worthington
Margaret Ann Rueve, Cincinnati
Renee E. Rust, Centerville
Julie Lynn Saum, Lancaster
Donna Schepps, Beachwood
Susan Lee Schneider, Norwood
Karen Ann Schnitkey, Napoleon
Ursula Schroth, Middletown

David William Scholdt, Cleveland
Robert David Schutze, Worthington
Sharon Marie Schweitzer, Phillipsburg
Stephen Alan Secrest, Cambridge
Doreen Marie Serri, Cuyahoga Falls
Lori Joan Seymour, Cincinnati
Deborah Sue Shaheen, Delaware
Geoffrey Thomas Shank, Worthington
Todd Edward Shaw, London
Mark Eric Sheets, Gallipolis
Jennifer Ellen Shelley, Chagrin Falls
Tamera L. Shepard, Troy
Susan Elizabeth Sheppard, Vienna, VA
Mark Lewis Shoemaker, Columbus
Sheila Ann Shroyer, Dayton
Karen Sieber, Cincinnati
Brian Edward Simms, Westerville
Robert Henry Simon, Jr., Worthington
Margaret Kay Sitko, Akron
Leonard P. Smith, Minot, ND
Jill Yvonne Snyder, Bay Village
Jonathan S. Sokobin, Toledo
Marla Jill Solloway, Beachwood
Thomas J. Sotriopoulos, Kettering
Jeffrey V. Sroule, Ripley
Richard M. Stanton, Weston, MA
Karen Marie Steinbauer, Toledo
Cathleen Ann Steinke, Columbus
Valerie L. Steller, Akron
Michael Robert Stevens, Dayton
Allan Jay Stevenson, Barberton
Lynette Elaine Stewart, Fremont
Mary Claire Stoner, Waterford
Johanna Thomasine Stromme, Maumee
William Francis Sullivan, Upper Arlington
Michael Gregg Sweeney, Upper Arlington
Barbara Ann Swisher, Caledonia
David Bryan Taylor, Westminster, CA
Ann Elizabeth Thomas, Dayton
Debra Ann Thomas, Poland
Sheri Lynn Thomas, Westerville
Terry W. Thomas, Dublin
Tracy Allison Thomas, Dublin
Rodolph Joseph Tiburzio, Jr., Columbus
John M. Tidd, Cleveland
Ellen Tucker, Cincinnati
Katherine Louise Tuttle, Columbus, IN
Judith A. VanDame, New Castle, DE
Elizabeth Jane VanSchoik, Cincinnati
William Henry Vaughan, Jr., Gladwyne, PA
Lynne Stephanie Wagner, Lorain
Laura Jane Wallace, Columbus
Nancy Rose Walland, Sandusky
Charles Jacob Watz, Columbus
Kathleen Ward, Cleveland
Richard Lee Ward, Milan
Susan Elena Wasserman, Rockaway, NJ
John D. Watson, Parma Heights
Ann L. Weiser, Stow
Kathleen Marie Whitmer, Marion
Timothy King Wiersma, Oak Harbor
Edward Vincent Williams, Johnson City, NY
Jeffery Lee Willis, Washington Court House
Noreen S. Wolff, Newcomerstown
Carolyn Ann Wolter, Rochester, N.Y.
Jennifer B. Wood, Winnetka, IL
Thomas H. Woods, Leetonia
Richard L. Wysong, Vandalia
Edward Noel Yarnington, Columbus

Kimberly Jo Yeager, Cincinnati
Julie Beth Zankman, McLean, VA
Robyn Ann Ziegler, Ottawa
Timothy Lee Zoli, Mansfield
Lisa Lang Zuefle, Portsmouth

Bachelor of Science

Barbara Ann Arp, Columbus
Diane Lynn Bachman, Amherst
Richard Lyle Bailey, Worthington
Carol Marie Baumann, Centerville
Lawrence Edward Boehm, Gahanna
Pamela Jean Burgess, Bridgeport, WV
Tracey Renee Burton, Arcanum
Kathryn Leigh Cappelletti, Shaker Heights
Rodney A. Cook, Ravenna
Diane Marie Cote, Columbus
Timothy John Cotter, Worthington
Jane Elizabeth Dasher, Coshocton
Tonya S. Deetz, Los Angeles, CA
Michael Patsy DiMauro, Akron
Dawn M. Ellis, Columbus
Suzanne Engelberg, University Heights
Cynthia Ann Felter, West Milton
Beverly Ann Gable, Bath Twp.
Catherine Ann Gleason, Dayton
Dale Alan Goodman, Mayfield Heights
Tracy D. Halpert, Pepper Pike
Terri Elaine Hatten, Columbus
Jack William Heginbotham, Jr., Miamisburg
Daniel Adam Herschler, Columbus
Joyce Bodo Holm, Newark
Jeri Frances Houglund, McArthur
Tuana Sue Howard, Marion
William F. Kalivoda, Sidney
Colleen Ann Kelly, Baton Rouge, LA
Mary Louise Kimmins, Massillon
Philip Edward Maneri, Columbus
Suzanne E. Matz, Chesterland
Devilla Kathleen McNulty, Worthington
Todd Lorin Melnik, Los Angeles, CA
Cynthia Kay Mielke, Strongsville
Claudia Carmela Minadeo, South Euclid
Mary Jane Morse, Millford Center
Rodolfo Murphy, San Juan
Karen Louise Novak, Oak Harbor
Mary Clare Pejeau, Rocky River
Martha Jo Poteet, Reynoldsburg
Diane Yvonne Powell, Whitehall
Michael Joseph Rachocki, Columbus
Amy Catherine Ralston, Sandusky
Renee Louise Rich, Louisville
Gregory Ferral Robinson, Fairlawn
Marguerite Mary Rozzo, Hubbard
Daphne Sandossam, Columbus
Neil Evan Saunders, Beachwood
Mary Frances Shuber, Berea, KY
Marc Howard Sirkini, Cincinnati
Julie Camille Stout, Huron
Tamera Maureen Underwood, Newark
Richard George Vah, Jr., Mentor
Daniel Joseph Vogt, Hamilton
Thomas Edward Weger, Delphos
Richard Enaje Welch, Washington Court House
Vincent Michael Whalen, Akron
Gregory Lee Wiemken, Waterville
James Wittek, Stow

Tracy Yannias, Chicago, IL

School of Journalism

Bachelor of Arts in Journalism

René LeeAnn Apel, Columbus
Toni Rae Bailey, Gahanna
Deborah Jane Benoy, Monroe
Janice Anne Born, Madeira
Katherine Mary Branch, Shelby
Teresa Jean Brewer, Greenville
Douglas John Brown, Lakeside
Gerard Joseph Brown, Liverpool, N.Y.
Lois Nelson Brown, Columbus
Lori Ann Bruno, Hopedale
James D. Desteferani, New Philadelphia
Cynthia Sue Dill, New Carlisle
Lisa Renee Dill, Lancaster
David Alan Elliott, Succasunna, NJ
Scott E. Fagerstrom, Ashtabula
James Brady Farler, Lima
Ronald Kent Fisher, Pickerington
Nancy E. Ford, Findlay
Pamela Sue Gilbert, Whitehouse
Amy Gail Glanzman, Indianapolis, IN
Mary Lynn Graham, Dayton
Thomas Edward Green, Bellevue
Cynthia Ann Griffin, South Euclid
Jo Lynn Hall, Worthington
Julie Ann Hall, Zanesville
Nancy Ann Hanus, Warren, MI
Mary Pippa Hayes, Columbus
Kimberly Anne Hoffman, Fredericktown
Gary Lee Hoover, Columbus
Richard Stephen Jackson, Bexley
Michael Douglas James, Columbus
Katryna Lynnette Johnson, Ravenna
Tanya Louise Keys, Columbus
Donna Lee Korn, Richmond Heights
Tracy Lawson Lemmon, Columbus
Julie Marguerite Lewis, Boardman
Nancy Anne Lindsay, Maumee
Colleen Mary McCann, Gahanna
William Joseph Menner, Avon Lake
Michele Frances Mihajevich, Columbus
Sarah Lee Mills, Gambier
Nancy Elizabeth Milosevich, Columbus
Adrienne Bernadette Morris, Staten Island, NY
Lori Jean Murphy, Garfield Heights
Dean S. Narciso, Trumbull, CT
Margaret Ann O'Brien, Independence
Stephanie Phillips, Brooklyn, NY
Sheila Irene Pint, Akron
John Frederick Poole, Upper Arlington
Selwa Anne Saikaly, Chardon
Jaimie Paul Schwartz, New York, NY
Teri Lynn Silverstein, Mayfield Heights
J. Leslie Sopko, Columbus
Jeffrey Alan Stevenson, Findlay
Kari Shawn Summers, Zanesville
Peggy A. Talley, Obetz
Roberta Needham Tandon, Kenton
Steven Michael Tansey, Washington, D.C.
Cherri Lynn Threte, Indianapolis, IN
Anthony Manuel Tyson, Cheshire, CT
Brian Christopher White, Cincinnati

Jeanne Marie Wilke, Columbus
Janis Milan Workian, Hopedale
Rebecca Ann Yerak, Wiloughby Hills
David Anthony Yost, Columbus
Jonathan Todd Zissman, Griggstown, N.J.

College of Administrative Science

Dean: R. Justin Davidson

Bachelor of Science in Business Administration

Terri Susan Adelstein, Beachwood
Janine Lynne Albert, West Liberty
Dana Yvette Alexander, Columbus
Zulkafli Mohd Amin, Malacca, Malaysia
Michael Richard Amon, West Chester
Gregory Paul Anderson, Portsmouth
Joseph Anthony Andy, Washington, PA
Todd Jeffrey Appelbaum, Lyndhurst
Brenda S. Appell, Columbus
Kathleen T. Armstrong, Columbus
Kathleen Ann Arnold, Columbus
Robert Karl Art, Mansfield
Rita Marie Atlagovich, Cleveland
Jennifer R. Aurand, Huntington Beach, CA
Valarie Vasikiki Avradopoulos, Columbus
Mona Susan Ayish, Elyria
Franklin Ethan Azok, Amherst
Clark Raymond Backus, Sewickley, PA
Lynette Marie Bair, Chagrin Falls
David Jonathan Baker, University Heights
Richard E. Baker, Mansfield
Mary Kristine Baldauf, Delphos
Anna Marie Bandstra, Sidney
Mark William Bankert, Waynesburg
Robert S. Barklay, Jr., Erie, PA
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Donald Joseph Barry, Mentor
Catherine M. Batchelor, Chagrin Falls
Joseph E. Battocletti, Columbus
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Margaret Jeanne Becker, Newark
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Christopher Weiler Beeman, Canfield
Marvin Jay Beer, Mansfield
Douglas Roger Bergh, Chagrin Falls
Peggy Jo Bergstrom, Ankeny, IA
Suzanne Margaret Bernard, Columbus
Gloria Jean Berres, Delphos
Kevin Lee Bertelsen, Rescue, CA
Lou Bevilacqua, Columbus
Pamela Marie Bien, Worthington
Philip John Brienko, Toledo
Satpal Singh Bir, Columbus
Gianni Alan Bishop, Kenton
Laura Ann Bishop, Newark
Joseph Edgar Black, Columbus
Steven Lynn Black, Englewood
Gary Paul Blanchette, Oklahoma City, OK
Nancy Peg Bloom, Toledo
Patricia Lynn Bolander, Wheelersburg
Jeffrey Todd Bowman, Findlay
Jennifer Ann Boyd, Marysville
Steven Wayne Boyer, Zanesville
James Julius Brachok, Elyria

Robert Joudon Bragg, Jr., New Caniste
 William Richard Brand, Columbus
 Eric Allen Brenk, Mansfield
 Sandra Lee Brewer, Columbus
 Jon Lewis Breyfogle, Sylvania
 James Dale Brigel, Jr., Cincinnati
 Cynthia Linn Bruce, Reynoldsburg
 Paula Jeanne Bruce, Columbus
 Daniel Edward Bruening, Cincinnati
 Suzanne Aleine Burke, Louisville, KY
 Tracey Giles Burton, Chagrin Falls
 Amy Lea Bussey, Grove City
 Christopher C. Byrne, Columbus
 Linda Sue Campbell, Mansfield
 Rhonda Sue Campbell, Gahanna
 Mark Paul Campolito, Canfield
 William Patrick Carney, Worthington
 David Owen Carothers, Worthington
 Edward William Carson, Centerburg
 Jane Ellen Carwile, Worthington
 James Daniel Casey, Akron
 Brian Keith Cater, Columbus
 Sarah Josephine Caughey, Belbrook
 Patricia Ann Caw, Tiro
 Thomas Michael Centa, Euclid
 Lori Lynn Chandler, Westerville
 William Vincent Chappell, Wintersville
 Cici Lynn Chicote, Toledo
 Kyle David Clarke, Columbus
 Stephen Robert Clegg, Columbus
 Madelyne Sue Clements, Columbus
 Brent David Cline, Shelby
 Patrick Joseph Coady, Columbus
 Allen Michael Cochran, Cambridge
 Jeratyn Vance Cohagan, Ashland
 Carl Edward Coles, Upper Arlington
 Tyler James Comstock, Elyria
 Colleen Marie Connor, Akron
 Nona Ann Conroy, Gahanna
 Colleen Ann Conry, Galion
 Jeffrey Dennis Coon, Tipp City
 Edward Carl Corletzi, Youngstown
 Steven William Cornelius, Avon Lake
 Shirley J. Costantino, Columbus
 Robert William Couttrip, Marietta, GA
 David Alan Courtard, Mansfield
 Frank William Covucci, Toledo
 Stephen Michael Cox, Wellston
 Wayne Alan Cox, Middleburg Heights
 Penny Kay Crofoot, Perry
 Jayme L. Cumiskey, Worthington
 Richard F. Czynyski, Brook Park
 Daniel Joseph D'Andrea, Columbus
 Kevin Stuart Daugherty, Columbiana
 Sandra Jo Davey, Delphos
 Holly Davidson, Lima
 David Arthur Dawes, Centerville
 Shari Lynn Dearing, Kettering
 Anne Morrell deBruin, Akron
 Karen Lynn Deibel, Columbus
 Lance Xavier Delaney, Ashtabula
 Joseph F. Denninger, Rochester, NY
 Robert James DeSocio, Jr., Norwood, NJ
 William Allen Deutsche, Delphos
 Rory Alan Devore, Mingo Junction
 Laurie Ann Deyling, Independence
 John Joseph Dible, Sunbury
 Bonnie Sue Dickson, Whitehouse
 Giacinto Gino DiGrazia, Ormond Beach, FL

Jane Ellen Dill, Newark
 Pamela Sue Dillinger, Marion
 Daniel Nicholas Dimitroff, Columbus
 Susan Marie Dolloff, Fairfax, VA
 Thomas William Dowling, Rochester, NY
 Shari Lynn Dozoretz, Norfolk, VA
 Jeffrey Michael Drake, Columbus
 Lynn Ann Drake, Rome
 Eric C. Duffey, Norwalk
 John Herman Dugan, Willowick
 Robert Lee Dunlap, Pataskala
 Lori Jo Dunn, Marion
 Jon Christopher Duston, Huntington Beach, CA
 Christel Marie Eberflus, Toledo
 Karl Alan Edwards, Groveport
 Cheryl Ann Elliott, Plantation, FL
 Todd Christopher Elliott, Hamilton
 David Robert Elson, Cincinnati
 John Theodore Englehardt, Granville
 Robert Matthew Eversole, Cincinnati
 Kathleen Kimber Ewart, Mt. Vernon
 Douglas Edward Eyster, Marion
 Bruce Fagin, Columbus
 Robert Candor Farquhar, Oberlin
 Robert Frank Fastnacht, Petyrsburg
 Terri Ann Fazio, Brook Park
 Deanne Denise Fee, Warren
 Amy Susan Ferguson, Waverly
 Christopher Capili Fernando, Mansfield
 Maria Ferraro, Roseville, MI
 Joseph Anthony Fischer, Newark
 Robert Eric Flinta, Burton
 David Leonard Flood, Salem
 Kelly Lynn Foote, Newark
 Eileen Marie Fox, Columbus
 Sharon Marie Fox, Canton
 Diane Lee Francis, Lima
 William Edward Frank, Jr., Massillon
 Dale John Fratianne, Columbus
 Janet Lynn Fredericks, Grove City
 Sherri Ann Fry, Dayton
 Dana Lewis Fulenkamp, Bucyrus
 James Mitchell Funk, Jr., Kettering
 Jeanette Susan Gallagher, Atlanta, GA
 David Michael Galm, Avon Lake
 Timothy John Gannon, Cincinnati
 Scott Alan Gammatter, Beaverdam
 Laurel Beth Gase, Lyndhurst
 Jerome Andrew Gauthier, Columbus
 Jamie Lynn Gentil, Cincinnati
 Mary Elizabeth George, Newark
 Clayton Reed Gerberick, Cincinnati
 Jeffrey John Gerberry, Columbus
 David Carl Gerke, North Olmsted
 Melissa Martina Gertys, Columbus
 Daniel Joseph Giangardella, Niles
 Jacquelyn M. Gibbons, Parma
 David Lee Gibson, Lima
 Pamela Nyann Gillett, Westerville
 Angela Jane Githens, Miamisburg
 Amanda Joyce Glenner, Silver Spring, MD
 Mark Jay Goldberg, Merrick, NY
 Marc Stuart Goldin, Staten Island, NY
 Jeffrey Scott Gramza, Toledo
 Daniel Lee Grandy, Dublin
 Margaret Alice Greene, Elyria
 Ronda Lee Greenlee, Penfield, NY
 James Edward Grega, Parma
 Gene Mark Griebel, Circleville

Anthony Wayne Griffith, Orient
 Lorraine Griffith, Newark
 Claudia Pearl Grubbs, East Liberty
 David Joseph Gruber, Columbus
 Lisa Christine Grubich, Whitehall
 John Frederick Guseman, Bremen
 Leland Richard Gute, Spring Valley
 James Michael Guttman, Cincinnati
 Robert Franklin Guzzetta, Monroe
 Frederick Nelson Gwin, Gahanna
 William Mitchener Haas, Moraga, CA
 Beth Susan Habegger, Westerville
 Patrick James Hagerty, Dayton
 David Charles Hamann, Ashland
 Juanita Porter Hamman, Lima
 Roger Allen Hanes, Heath
 Jeffrey Scott Hansen, Huber Heights
 Richard Thomas Happe, Macedon, NY
 Julia Lynn Hardin, Sylvania
 Michael Robert Harman, Annandale, VA
 Steve Robert Harman, Baltimore
 George Michael Harmanis, Limassol, Cyprus
 Christopher Glenn Harper, Middletown
 Brad Eugene Harrington, Lima
 Patrick J. Harrington, Lorain
 Thomas Leslie Harrison, Martins Ferry
 Albert Stephan Harsar, Lorain
 Cheryl Renee Hartley, Cincinnati
 Gregory E. Hawkins, Pottstown, PA
 William John Heath, Powell
 Norman C. Heitmeyer, Kalida
 Jeffrey Kevin Hendershot, Seneca
 Brett James Henry, Cincinnati
 Richard Arthur Hensley, Akron
 David Scott Herman, Plantation, FL
 Beth Ann Herold, Rochester, MI
 Robert Lee Herold, Jr., Middleburg Heights
 Joseph Anthony Hidalgo, Toledo
 Sarah Jane Hilgert, Lima
 Albert A. Hilkert, Akron
 Anne Connelly Hill, Zanesville
 Mary Kathleen Hill, Grosse Pointe, MI
 Nancy Ann Himmelreich, Columbus
 Lisa Anne Hodil, Lyndhurst
 Debra Jean Hoffer, Dayton
 Bruce Wiese Hokomb, Columbus
 Michael Francis Holland, Columbus
 John Henry Holowienko, West Chester
 Timothy Arthur Holt, Columbus
 Daniel Joseph Hopkins, Garfield
 Denise Lynn Horn, Heath
 Fred Eugene Hornaday III, Simsbury, CT
 Renee Lee Houdeshell, Arlington
 Gregory Charles House, Jefferson
 David Wilson Houser, Newark
 Karen Thomas Howe, Stamford, CT
 Gloria Jean Huffman, Heath
 Paul Francis Hughes, Rocky River
 Philip Lee Hughes, London
 Robert Neal Humason, Cincinnati
 John Kirk Hunkey, Bexley
 Lawrence Cooper Hurtubise, Columbus
 Denyse Maureen Imbody, Marion
 Richard James Imbroscio, Bellaire
 Scott David Ingersoll, Attica, NY
 Susan Ruth Innenberg, Cleveland Heights
 Lisa Sheri Jablonsky, Stamford, CT
 Jeffrey J. Jackson, Grove City
 John Frederick Jacobs, Dayton

Kimberly Suanne Jacobs, Cincinnati
 Thomasine James, Cleveland
 Stasia Anne James, Columbus
 Debra Jean Janowiecki, Toledo
 Janet Marie Jaguay, Columbus
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 Heidi Ann Jefferis, Cleveland Heights
 Johnny Allen John, Newark
 Richard Darren Johnson, Wilmington
 Steven Lugh Johnson, East Clairdon
 Susan Lynne Johnson, London
 Jodi Ann Johnston, Carroll
 Scott Robert Johnston, Columbus
 Mark Alan Jones, Mansfield
 Robert Warren Jones, Chester Springs, PA
 David Scott Jordan, Grafton
 Gregory Scott Jordan, Wadsworth
 David Michael Joy, Toledo
 H. Carl Juckett, Columbus
 Mary Beth Kane, Zanesville
 Joseph C. Kantzer, Marion
 Karen Marie Karpac, North Royalton
 Elaine Karras, Kettering
 Gregory Michael Kasson, Pickerington
 James Edward Katzenberger, Lansdale, PA
 Todd Martin Kauppi, Fairport Harbor
 Ron Kehrmann, Haifa, Israel
 Judy Ann Keller, Columbus
 Sandra Leigh Keller, Columbus
 James Todd Kelley, Columbus
 Laurel Kathryn Kendall, Port Clinton
 Darin Dwayne Kennedy, Hilliard
 Mohamed Abraham Kerr, Cincinnati
 James C. Kigore, Jr., Dover
 Jeffrey Charles King, Columbus
 Michael Anthony King, Delphos
 Lawrence Ray Klein, Lyndhurst
 Susan Melanie Klein, Dayton
 Mark Louis Kleiner, Westerville
 Terry Neil Klian, Ottawa
 Matthew James Kloss, Akron
 David Douglas Knable, Cincinnati
 Douglas Allan Knight, Pikeville, KY
 Kirk William Knollman, Cincinnati
 Alan Bruce Knox, Westerville
 Timothy G. Konuch, Lakewood
 Victoria Clare Kopyar, Columbus
 Richard Louis Kovach, Mayfield Heights
 Steven Victor Kovach, Hudson
 Daniel Thomas Kozlowski, Highland, IN
 Deborah A. Kramer, Plain City
 Kenneth David Kramp, Cincinnati
 Deborah Sue Krantz, Beachwood
 Paul Richard Kriivos, North Canton
 Kimberly Jean Krueger, Medina
 Michael Lee Krupp, Fostoria
 Eric Dale Kruse, Pemberville
 Stephen Edward Krystofik, Worthington
 Phyllis J. Kubiak, Granville
 John David Kuhn, Reynoldsburg
 David Bryan Kungl, Akron
 John Peter Kuzmyk, St. Mary's
 Dennis Gerard Laliberte, Columbus
 Lisa Renee Lamb, Columbus
 Julie Ann Lang, Kent
 Jeffrey James Latsa, Westlake
 James Michael Lawrence, Columbus
 Pamela Kay Leach, Grove City
 Lisa Michelle Leak, Lockport, NY

David Alan Learmonth, Columbus
 Steven Allen Lechner, Columbus
 Philip Gregory Lee, Youngstown
 Rebecca Jane Leeper, McConnesville
 Donald James Leonard, Amherst
 James Curtis Lepp, Copley
 Randi Susan Levy, Cincinnati
 Todd Sidney Levy, Cincinnati
 John Jay Lewis, Zanesville
 Steven Brian Lichtsien, Sandusky
 Cheryl Ann Likko, Youngstown
 Nancy Jean Lin, Willowick
 Amy Dee Lindeman, Cincinnati
 Stephen Paras Loar, Columbus
 Janice Ann Long, Lowell
 Lisa Kensler Longfellow, Columbus
 William E. Lonsway, Mentor
 Alfred M. Lotthammer, Lexington
 Gregory Alan Lowe, Columbus
 David Paul Ludwig, Worthington
 Joseph Alphonso Lupidi, Columbus
 Steven Joseph Lussier, Warren
 Mark Adam Lustbader, Short Hills, NJ
 Jerri Lynn Lybarger, Columbus
 Douglas Jon Lyon, Westchester
 Gordon Clark MacDonald, Bellefontaine
 Steven Roderick MacDonald, Brockton, MA
 Joyce Elaine Mace, Massillon
 David John Mackey, Columbus
 Linda Anne Magee, Columbus
 John Edward Maloney, Dayton
 Lynda Sue Malster, Belpre
 Douglas Michael Manger, West Jefferson
 Bradley A. Manring, Westerville
 Elizabeth Ann Marconi, Stow
 Gary John Margeson, Columbus
 David Nathan Mark, South Euclid
 Charles John Marshall, Cincinnati
 Tina Burkey Martin, Columbus
 John Maria Mascherino, Columbus
 John Donald Masor, Boca Raton, FL
 David Lee Mathewson, Bluffton
 Thomas M. Matthey, Steubenville
 Stephen Francis Mauric, Richmond Heights
 Laura Ann McAlpine, Uniontown
 Vicki Marie McCafferty, Lima
 Stephanie Lynn McCarthy, Columbus
 Brian Neil McClain, Upper Sandusky
 Lori Elaine McKellan, Bloomdale
 Helen Emily McCloy, Cincinnati
 Diane McConnell, Rocky River
 Kelly Lynn McCormick, Dayton
 Daniel David McFarland, Martins Ferry
 Keith Leonard McFarland, Dayton
 Deborah Louise McGinley, Euclid
 Lisa Gail McGlone, Thornville
 Yvette Sarah McGlothlin, Cleveland
 Timothy Paul McGrath, Xenia
 Elizabeth Anne McKinley, Corpus Christie, TX
 Jeffrey Todd McKinley, West Carrollton
 Michael James McLane, Sunbury
 Cynthia Ann McLaughlin, Bay Village
 John Thomas McLaughlin, Toledo
 Robert McNamara, Fairview Park
 Ellen Vance McVay, Aurora
 Cynthia Lynn McVean, Dublin
 Harold Christopher Meade, Columbus
 Larry Jay Medley, Columbus
 Steven Rand Meitzish, Columbus

Edward Louis Melanson, Jr., Quincy, MA
 Carol Ann Meloy, Kent
 Bridget Marie Meredith, Washington Court House
 Joseph Edward Mersnik, Euclid
 Virginia Ruth Metcalf, Champagne, IL
 Eric Andrew Michener, Parma
 Amy Beth Mikan, Butler, PA
 Ellen Harriet Milkis, Lyndhurst
 Nathan Russell Miles, Hilliard
 Kelly Kristine Millard, Mansfield
 Pamela Millard, Cincinnati
 Charles Robert Miller, Shelby
 David Charles Miller, Newark
 David Eric Miller, Loudonville
 Kimberly Sue Miller, Cincinnati
 Marilyn S. Miller, Cleveland
 Maureen Rose Miller, Newark
 Michael Charles Miller, Orient
 Orlan Ralph Miller, Columbus
 Scott Louis Miller, Elyria
 Sharon Ann Miller, Cuyahoga Falls
 Barbara Joann Milum, Mansfield
 Susan Allison Miner, Dayton
 Brian Keith Mirmich, Sylvania
 Daniel Joseph Mirning, Cincinnati
 Janis Ann Miron, Lexington
 Scott Justin Mischkulnig, Cincinnati
 David Wendell Mischler, Dayton
 William Gust Mittas, Canton
 Bret David Mizer, Zanesville
 Keith James Moberly, Worthington
 Jeffrey Robert Mobley, Strongsville
 Johnny Pete Paul Mokas, Columbus
 Brian Montgomery, Lucasville
 Matthew Allan Moon, Westerville
 Cheryl Lyn Moore, Columbus
 Barry Jay Morris, Cambridge
 William Frederick Moskaliak, Hubbard
 William David Mowery, Painesville
 Randy John Moziejko, Steubenville
 Barbara Sue Mullins, Circleville
 James Eugene Murphy, Cincinnati
 Linda Marie Murphy, Cuyahoga Falls
 Howard Steven Myers, Euclid
 Jan A. Myers, Coshocton
 Lisa Anne Mylander, Columbus
 Jennifer A. Mysona, Garfield Heights
 Thomas Christian Nader, Warren
 Lisa Marie Nadzam, Youngstown
 Deana Lyn Nafzger, Columbus
 Denise Kim Nafzger, Columbus
 Dennis Theodore Naherny, Fairview Park
 Masashi Nakahashi, Miki-City, Hyogo, Japan
 John Richard Nance, Woodstock
 Robyn Sue Napier, Miamisburg
 Martha Jean Nedeff, Huber Heights
 Robert Joel Neides, Pepper Pike
 David John Nelson, Dublin
 Mary Courtney Neuman, Rocky River
 Phyllis Susan Newburger, Beachwood
 Cynthia Louise Niemczura, Girard
 Daniel Lee Norris, Prospect
 Patrick Alan Noval, Akron
 Kevin John O'Donnell, Gahanna
 Joseph William O'Loughlin, Pittsburgh PA
 Richard S. Olson, Jr., Columbus
 Russell Frank Olson, Newark
 Robert Glenn O'Mery, Mingo Junction
 Polly J. O'Neill, Wadsworth

Jeffrey Donald Orians, Toledo
 Bruce Martin Orlov, Columbus
 Bob Dale Orosz, Maple Heights
 David Frank Oswald, Sylvania
 Constance Arlene Oswald, Mansfield
 Cynthia Lynn Oyakawa, Cincinnati
 Paul Andrew Panasik, Fairview Park
 Athanasios Papalexioiu, Salonika, Greece
 Scott David Pape, New Bremen
 Nial Michael Pashke, Mingo Junction
 John James Passias II, Worthington
 Pamela Anne Pataky, Columbus
 Daniel William Patterson, Cincinnati
 Jon Douglas Patterson, Lexington
 Pamela K. Pearl, Columbus
 George Crane Peckham, Norwalk
 Mark Burton Perkins, Huber Heights
 Donald John Persinski, Pittsborough, PA
 Douglas Lee Peters, Rochester, MI
 Mark Edwin Peters, Columbus
 Mario Joseph Petricola, Decatur, IL
 Volitta Cheryl Phillabaum, Port Clinton
 David Michael Phillip, Westlake
 David Havre Phillips, Akron
 Patrick Kieran Piatak, Columbus
 Wanvadee Pinittanon, Bangkok, Thailand
 Jane Frances Plagenz, Columbus
 Jeffrey Richard Plassman, Hicksville
 David Arthur Plum, Jr., Akron
 Theresa Marie Plunadore, Northwood
 Paul Robert Pooley, Exeter Ontario, Canada
 Perry Scott Pooley, Exeter Ontario, Canada
 Rebecca Ann Pope, Uniontown
 Barbara Jo Porter, Worthington
 Brad Daniel Porterfield, Mission Viejo, CA
 Linda Lisa Portmann, Coral Springs, FL
 Edward Joseph Potokar, Richmond Heights
 Gary Lee Potts, Columbus
 Matthew Alan Powers, Columbus
 Randal Ray Pratt, Columbus
 William Alfred Prentice, Granville
 Rocco Salvatore Presutti, Columbus
 Karen Lynn Price, Marion
 Karen Ann Pruden, Grove City
 Herbert Alan Putman, Delaware
 Robert Arthur Rabold, Columbus
 Marcia Lynne Ralston, Kenton
 Allison Michele Ransom, Columbus
 Susan Bernice Rauch, Mayfield Village
 Garth Richard Redinger, Dover
 Barry James Reed, Solon
 Kimberly Shawn Reed, Painesville
 Michael Thomas Reed, Canton
 Nancy Elizabeth Reed, Mesa, AZ
 Lauri Marie Reimink, Grand Haven, MI
 Carman Marie Reyes, Cincinnati
 Lynni Rice, Worthington
 Mark A. Richards, Columbus
 Christine Elaine Richey, Centerville
 Mark Alan Rickenbacher, Forest
 Carole Anne Rickey, Avon Lake
 Melody Elaine Riggs, Millersport
 Ronald Keith Riley, Cincinnati
 Joseph John Rilo, Jr., Marion
 Mark Philip Rimelspach, Columbus
 Stephen Mark Risch, Columbus
 Cynthia L. Rittenour, Macedonia
 Roderick Lewis Rittmaier, Beach City
 Borita Lovella Roberts, Columbus

Lisa Clair Robison, Columbus
 Kimberly Sue Robison, Dresden
 Pamela Sue Rodefer, Alliance
 Diane Marie Rodek, Canton
 Monica Arlene Rodgers, Columbus
 Carl Milton Roeder, Upper Arlington
 Susan Marie Rohwer, Lyndhurst
 John Michael Romano, E. Greenwich, RI
 Donald Paul Roof, Gahanna
 Robyn Faith Rosenstock, Canton
 Pasquale David Rossette, Ashtabula
 Dana Michelle Rudolph, Columbus
 Deborah Anne Rudy, Norwalk
 Benjamin Buehrer Rupp, Columbus
 Lior Rusinek, Fresh Meadows, NY
 Timothy Paul Russel, Steubenville
 Linda Ann Ruthardt, Huntington Valley, PA
 Theodore Joseph Sabino, Westlake
 Jennifer Elizabeth Sabo, Columbus
 Athanasios Andrew Sakis, Columbus
 Mary Ann Sakay, Midlothian, VA
 Clarence B. Santos III, Newark
 Daniel Edwin Sarafin, Columbus
 Melanie Jane Sater, Olmsted Falls
 Linda Mary Saunby, South Charleston, WV
 Jeffrey John Savage, Holland
 David John Scarpone, Steubenville
 Thomas Edward Schick, Columbus
 Elizabeth Marie Schmidt, Lebanon
 Emily Rose Schoch, Dayton
 John Stephen Schult, Perrysburg
 Joseph Gregory Schutt, Sagamore Hills
 JoAnne Miller Schweickart, Columbus
 Paul Brian Scott, Parma
 Pamela Joan Scully, Bay Village
 Natalie Ann Seewer, Sidney
 Anitza A. Seneriz, Columbus
 Diane Jean Seward, Newark
 Robert Warren Shaffer, St. Paris
 Jeanne Marison Shaheen, Worthington
 Cara Lee Shary, Columbus
 Jeffrey Alan Shaw, Worthington
 John Andrew Shaw, Frazeyburg
 Cynthia Sue Shaw, Bartlett
 George Frederick Shearrow, Worthington
 Denise Brown Shepherd, Columbus
 John Thomas Shewalter, Columbus
 Bruce William Shively, Fletcher
 David Charles Shorr, Youngstown
 Jodene Marie Shuman, N. Canton
 Mark Steven Shuter, Worthington
 David Lee Shuttleworth, Akron
 Jeffrey Thomas Silone, Lima
 Eric Michael Silver, Cleveland
 Judi Esther Simon, Cleveland
 Leslie Beth Simon, University Heights
 Christine Simonetti, Fairborn
 Michael Howard Simonetti, Cleveland
 Richard Allen Six, Columbus
 Irene Slaby, Parma
 Dean Avery Slack, Upper Arlington
 Katharine Lynn Slagel, Ironton
 Andrea Dee Smith, Huber Heights
 Christopher F. Smith, Grafton
 John Albert Smith, Somerset
 Joseph Wilton Smith IV, Portsmouth
 Kevin Duane Smith, Columbus
 Kimberley Sue Smith, Grove City
 Marcia Lisa Smith, Norfolk, VA

Jack Kevin Snavley, Lima
 Joseph Michael Snoddy, Galloway
 Susan Elaine Snoddy, Wooster
 Chee-Seng Soh, Singapore
 Ricky David Sonkin, Beachwood
 Roger Allen Sours, Wadsworth
 Stephen Andrew Sova, Columbus
 Connie Corinne Spahr, Millersburg
 Janet K. Spangler, Franklin Grove, IL
 Rhonda Lou Spath, Upper Sandusky
 Charles Joseph Spicer, Jr., Columbus
 Linda Anne Spires, Lancaster
 Meiodie Kay Spitzer, Laura
 Gwendolyn Ann Spung, Dunwoody, GA
 Frank Leonard Stahl, Sandusky
 Thomas Jay Stallsmith, Lancaster
 Duane Michael Stalnakier, Gahanna
 Lisa Kay Stanga, Salem
 Jody Ann Starner, Millersburg
 James Gregory Staten, Grove City
 Shauna Suzanne Stember, Westerville
 Shirley Lynn Stempinski, North Olmsted
 Bryan Eugene Stephens, Covington, KY
 Matthew Nolan Sterrett, New Albany, IN
 Robert Trevor Stevens, Alliance
 Beth Nadine Stewart, Cadiz
 Kathy Sue Stickle, Dayton
 James Joseph Stock, Middleburg Heights
 Kevin Doyle Stokes, Dayton
 Brett L. Stolson, Venice, FL
 David M. Straka, Toronto
 Mark Andrew Stringer, Columbus
 Tracey Dale Strott, Worthington
 Dana Brent Studebaker, Dayton
 Curt Douglas Subler, Versailles
 Valery Jean Sweet, Berlin Heights
 Celia Pilar Swartz, Akron
 Peter Fook-Seong Tam, Malaysia
 Robert Tannous, North Canton
 Raymond W. Taylor, Marion
 Nicholas James Theohares, Mansfield
 Sandra Diane Thomas, Berea
 Timothy Ray Thomas, Ashland
 Per Anne Thorsrud, Akron
 Joel Andrew Timmons, Gahanna
 Phillip Eugene Treese, Upper St. Clair, PA
 Charles C. Trudeau, Columbus
 Michael Dean Ulery, Mansfield
 Brenna Ann Umbstaetter, Columbus
 Nina Mary Underman, Elyria
 Mary Catherine Urban, McDonald
 Thomas Michael Urbanski, Fairport Harbor
 John Victor Vaccani, Canton
 William Trent VanCuren, Laurelville
 Allan Jaak Vare, Akron
 Stacey Alan Varner, Mt. Vernon
 Debra Lynn Vendeland, Lyndhurst
 James Reece Vetter, Akron
 John A. Viscogiosi II, East Liverpool
 Randy Henry Vocke, Napoleon
 Dow Trevor Voelker, Columbus
 James M. Vulgamore, Columbus
 Christopher Allen Wade, Pataskala
 Kathryn P. Wade, Columbus
 James Brent Wallace, Russeis Point
 Matthew Kirk Warner, Lima
 Gregory Alan Watson, Canal Winchester
 Rebecca Lynn Webb, Worthington
 Jennifer Caroline Weil, Worthington

Robert J. Wermelskirchen, Chesterland
 Judith Ellen West, Columbus
 Sherry Ilene Whay, Lyndhurst
 Rano Raymond Whitby, Mogadore
 Byron Keith White, Columbus
 Mark Robert Whitzaker, Westerville
 Mark Raguso Wiehn, Shaker Heights
 Lori Rose Wilkinson, Bloomdale
 James Richard Willard, North Ridgeville
 Lisa Diane Williams, Johnstown
 Mark Andrus Williams, Chagrin Falls
 Deborah Ann Wilms, Auburn, ME
 Pamela Ann Wilson, Richmond Heights
 Jean Ellen Wittberger, Columbus
 Eric Lee Winkle, Columbus
 Christopher Lee Winslow, Kettering
 Mary Katherine Winstel, Columbus
 Kathy Ann Wireman, Ironton
 Richard Edward Wirthlin, Cincinnati
 Thomas James Wolesiagel, Fremont
 Richard Louis Wolf, Amherst
 Cristina Arrieta Wolfe, Worthington
 Erin Fay Wolfe, South Euclid
 Edward Greg Wolin, Columbus
 Sau Ling Wong, Columbus
 Connie Joyce Wood, Columbus
 John K. Wood, Columbus
 Jerry Kent Workman, Columbus
 Connor Hall Wright III, Columbus
 Jessie Ann Wright, Reynoldsburg
 Timothy Allen Wright, Forest
 James Vincent Wulf, Alliance
 Janine Marie Yanik, Cleveland
 Michael Stephen Yashko, Wintersville
 Lauren Ann Yeary, Columbus
 Thomas Neil Yoder, Walnut Creek
 John Paul Sekiguchi Yu, Port Huron MI
 Kenneth Allen Zak, Parma
 Denise Marie Zalkanta, Powell
 Ruben Odoorifero Zapanta, Fairview Park
 Catherine Ann Zavatsky, Steubenville
 James Jeffrey Zehendbauer, Lisbon
 Paul Lockwood Zeis, Port Clinton
 Veronica Theresa Zender, New Riegel
 John A. Zink, Lima

Bachelor of Science in Labor and Human Resources

Gary Lynn Fugate, West Jefferson
 Jose Antonio Gomez, Bay Village
 Eileen Scullen, Youngstown
 Jody Lyn Spangler Shambles, Columbus
 Jody Lee Van Wye, Zanesville

College of Agriculture

Dean: Max Lennon

Bachelor of Science in Agriculture

Christopher Blake Allen, Columbus
 Aaron Jerome Arnold, Waterford
 Glen Joseph Arnold, Waterford
 Susan Michele Baker, Toledo
 Amy Karla Baldick, North Fairfield

Ginger Jeannette Barker, Stow
 Jonathan Robert Barr, Camden
 Engelina Susanne Barrett, Mechanicsburg
 Lynne Mary Barry, Powell
 Seth Bryan Berman, Buffalo, NY
 Todd Andrew Boeck, Jamestown
 JoAnne Booker, Columbus
 Bruce Jon Boos, Norwalk
 James Bradshaw, Poland
 Lowell Derwin Briggs, Jr., Lakewood
 Sherri Lynn Brogan, Pickerington
 Gregory Allen Bundy, Pataskala
 Tracy Bernadette Burge, Centerville
 Jon Alan Byers, Loudonville
 Amy Marie Chronister, East Liverpool
 Kirt James Clark, St. Marys
 William John Clinger, Marion
 David Blair Cody, Cincinnati
 Christy Sue Collins, Bethesda
 Brian Keith Colopy, Darville
 Diane Kay Conley, Ada
 Martha Lynn Corbett, Belmont
 Susan Elaine Cox, Arcanum
 Michael Edward Crosland, Jr., Clarksville
 David R. Custer, New Carlisle
 Kathryn Helen Danko, Youngstown
 Joy Ariene Davidson, Quincy
 James Arthur Davis, Gibsonburg
 Gina Marie DeChant, Rocky River
 Daryl Warren DeGross, Perry, NY
 Jill Ann Deibel, Fresno
 Peter Francis DeMarco, Hewlett, NY
 Jeffrey Stephen DeRosa, Toledo
 Cynthia L. Dill, Northfield
 Karen Rene Dodd, Amherst
 John Wendell Douglass, Marshallsville
 Daniel Christopher Drought, Geneva
 Scott Richard Drown, Bellefontaine
 Dale Thomas Dues, St. Marys
 Mark Stephen Ehrhardt, Medina
 David Phillip Ernsthausen, Pemberville
 Michael John Estadt, Zanesville
 Brenda Sue Evans, Hiram
 Andrew Craig Fagerstrom, Johnstown
 Amy Susan Farley, North Canton
 Juliana Flik, Euclid
 Cheryl Coralee Fike, Clinton
 Mark Steven Florman, Lyndhurst
 Amanda Lee Foster, Risingsun
 Pamela Sue Fritsch, Warren
 John William Gates, Baltimore
 Leslie Maude George, Kettering
 Lori Anne George, Port Clinton
 Richard Brian Gilhouse, Toledo
 Mark Curtis Goehler, Norton
 Matthew Joseph Gottberg, Lisbon
 Kevin Goudy, Columbus
 Donald Thomas Grace, Broadview Heights
 Gregory Scott Grady, Westerville
 Pamela Allison Green, Hollis, NH
 Rita Zink Gregorek, Worthington
 Karen Michele Grodhaus, Worthington
 Marcy Helen Gronbach, Gahanna
 Michael Robert Handorf, Maineville
 Robin June Harris, Bristowville
 Maureen Elizabeth Harter, New Albany
 Charles John Hempfing, Delphos
 Jeanette Louise Henry, Milan
 Scott Edward Hess, Urbana

Scott Eugene Higgins, Sunbury
 Douglas Allan Hoberly, New Carlisle
 Mark Frederic Hofacre, Dalton
 James John Hoorman, Ottawa
 Douglas Forest House, Wooster
 Donna Jo Hughes, Kettering
 Elaine Marie Jones, Carrollton
 David Michael Kahle, Spencerville
 Daniel Leake Kautz, Castalia
 William Scott Keck, Zanesfield
 John Niall Kelleher, Bellbrook
 James Justin Keplinger, Springfield
 Jonathan Wayne Kepner, Hartford
 Ronald Willis Kibler, Columbiana
 Louis David Klamoth, Bexley
 LouAnn Kohring, Pemberville
 Terry Ray Krukemyer, Pemberville
 Lori Ann Lautenschlager, Belle Center
 Kevin John Lawler, St. Marys
 Micheline Leach, Olmsted Falls
 Barbara Ann Lightner, Camden, NJ
 Susan Jane Lippold, Columbus
 Lisa Kay Mackail, Columbiana
 Samuel Blair Mackenzie-Crane, Columbus
 Timothy John Malinich, Poland
 Claudia Suzanne Mann, West Carrollton
 Mitchell Erod Mason, Carroll
 Thomas Edward McCormick, Carroll
 Gregory Scott McGuire, Circleville
 Susan Carol McKarns, Salineville
 James Otis McKee, Dayton
 Donna Marie McLaughlin, Bay Village
 Mark Samuel Mellingier, Leetonia
 Eric James Mithakoew, Strongsville
 Lynn Hastings Miller, Raymond
 Robert John Miller, Franklin, NJ
 Preston Edward Moore, Mt. Vernon
 Mark Charles Morlock, Wayne
 Maria Therese Morningstar, Toledo
 Richard Patrick Muhlenkamp, Celina
 Jean Marie Murphy, Deerfield
 Thomas Eugene Muth, Grafton
 Steven Eric Myers, Dover
 Douglas Alan Neer, Jackson
 Harold Lee Niehaus, Jr., Oxford
 Janet Mary Oberliesen, Worthington
 Wendy Lynne O'Desky, Toledo
 Timothy Glenn Osborn, Blanchester
 Sheila Marie O'Sullivan, Ashland
 Melanie Sue Parks, New Concord
 Carolyn Marie Patrick, Westlake
 James Edward Patton, Hillsboro
 James Lynn Peart, London
 Jay Michael Pochedly, Hiram
 Paul Aloysius Pohman, Delphos
 Kurt Reed Poling, Dunkirk
 Deborah Anne Portwood, Columbus
 Edwin Louis Pound, Newark
 John Douglas Quallen, Wilmington
 Diane Marie Ranta, Dayton
 John Edward Rath, Montpelier
 Edwin Louis Rausch, Milford Center
 Kimberly Britt Redding, Kenton
 Richard Eugene Reed, Jr., Cambridge
 Steven Lee Rickenbacher, Kenton
 Gerald Eugene Roach, Jr., Gallipolis
 Brian Jeffrey Rohrig, Smyrna, GA
 Todd Lowell Rossman, Jenera

Karen Sue Rudder, Camden
 Thomas Allen Ruehle, Bucyrus
 William Phillip Ruffing, Norwalk
 Peter Levi Rupp, Wauseon
 Jeffrey William Santee, Wadsworth
 Gloria Agnes Santin, Toronto
 David Thomas Scott, Canton
 William Scott Shelton, Powell
 Deborah Ann Shoup, Mansfield
 Beth Anne Smith, Bellefontaine
 Jessica Lynne Smith, Athens
 Kevin Andrew Smith, Fairview Park
 Kyle Lee Smith, Weston
 Kevin William Snyder, Walbridge
 Jon Guilford Sommers, Windsor
 Gary Alan Sorrell, Columbus
 Michael Lee Spurling, Cadiz
 Phillip Allen Stahl, North Benton
 Susan Elizabeth Stant, Westerville
 John Luther Steiner, Columbus
 Martha Ann Stock, Canton
 Nicholas Ralph Stollar, Fleming
 Michael Richard Stone, Oak Harbor
 David Arthur Surber, Hillsboro
 Thomas Eugene Swank, Geneva
 Christopher Allan Thompson, Sidney
 Janay C. Thompson, Belleire
 Kent Alan Thompson, Carrollton
 L. Keith Thompson, Canton
 David Charles Thorbahn, Vicksy
 John Ernest Thurman, Willoughby
 George Kevin Tippet, Westerville
 Kenneth Michael Tischler, Lakewood
 Evan Charles Titgemeyer, Napoleon
 Mark Paul Townsley, Springfield
 Todd William Troy, Mt. Vernon
 Keith Robert Truckor, Swanton
 Douglas Paul Turnbull, Ashville
 Scott Nicholas Twary, Stephenson, VA
 Rodney Wade Tyler, Parma
 Theresa Anne Uher, Millbury
 Suzanne Marie Veaudy, Rutland, MA
 Scott Austin Voelker, Northbend
 Barry Joseph Von Der Embse, Kailda
 Charles John Waldock, Sandusky
 John M. Wallbrown, Deerfield
 Phillip Brian Wenig, Bowling Green
 Pamela Lynne Wenning, Butler
 Linda Marie Werner, Mentor
 Dorianne Westfall, Lewisburg
 Margery Anne Wickersham, Bellefontaine
 Christopher Mark Wiedle, Clyde
 John George Williams, Shelby
 David Clark Wilson, Baltimore
 Kent Van Wilson, Jenera
 Suzanne Townsley Winkle, Marysville
 Ronald Lee Winland, Zanesville
 MaryAnn Elizabeth Woodruff, Willard
 Debra Sue Woolever, Pickerington
 Sandra Kay Woolever, Pickerington
 John Douglas Youngkin, Marysville
 Dean Edward Zimmer, Marietta
 Lynn Kay Zucker, Bucyrus

Bachelor of Science in Food Science

Robert Gerard Buehler, Bellevue
 Thomas James Campaignolo, Bayonne, NJ
 Ann Merrilee Kensler, Hilliard

Laurel Cain Krielow, Chagrin Falls
 Carey Ruth Mohnasky, Maple Heights
 Laura Marie Romito, Ravenna
 Mary Sue Welling, West Chester

Bachelor of Science in Food Technology

Walter Thomas Davlin, Sandusky
 Ann Marie Hoying, Minster
 James Andrew Jindra, Oak Hill
 Lucille Marie Morgan, Barberton
 Valerie Ann Nesser, Columbus
 Paulette Marie Platko, Strongsville
 Michelle Anna Spaulding, Cleveland
 Jennifer Lynne Styers, Waterville
 David Eugene Tschantz, Willoughby Hills
 Margaret Kay Watkins, Columbus

Bachelor of Science Nutrition

Gregory Scott Hellwarth, Celina
 Kimberly Ann Kampman, Chagrin Falls
 Jeannette Marie Morgan, Lyndon

School of Natural Resources

Bachelor of Science in Natural Resources

Jeffrey Alan Althouse, Columbus
 Joel John Anderson, Cincinnati
 Bradley Wayne Antill, Clinton
 Jean Maria Backs, Lima
 Gregory Robert Balogh, Bay Village
 Janet Sue Baumgardner, Akron
 Daniel Kevin Bower, Columbus
 Timothy Lee Brooks, Carrollton
 Susan E. Brown, Port Clinton
 Carolyn Beth Caldwell, Cambridge
 Steven Ray Campbell, Mansfield
 James B. Cherry III, Lancaster
 Larry Dean Christian, Columbus
 Christine Louise Cochran, Napoleon
 Rhonda Lynn Conner, Lima
 Patrick David Cuellar, Circleville
 David Clark Decker, Columbus
 Kenneth Alan Doak, Bedford
 Valerie Ann Dorn, Washington Court House
 Robyn Lynn Eckley, Columbus
 Thomas Mitchell Erskine, Columbus
 Gregory Robert Ferencik, North Olmsted
 William Edward Fischer, Jr., Canal Winchester
 Lori Lynn Floro, Mansfield
 Gregory Gordon Fratianne, Lyndhurst
 Christopher D. Geron, Springfield
 Cynthia Marie Gerych, Middleburg Heights
 Stefanie Jane Goodman, Warren
 Letha Ann Grieve, Columbus
 David Arthur Haering, Powell
 Robin June Harris, Bristolville
 William Wayne Hedrick, Columbus
 Melinda Lou Henning, Morral
 Randy A. Hilbert, Canandaigua, NY
 Scott Richard Holley, Windsor
 Barbara Ann Hosea, Cincinnati
 Carol Sue Humphrey, Lakewood
 Linda Lee Hutchinson, Kettering
 Kenneth Earl Jacquot, Cincinnati

Amy Lynn Johnston, Cincinnati
 Vickie Anne Jones, Gahanna
 Danielle F. Kattler, Valley View
 Nicolette C. Kontonickas, Yellow Springs
 Edward Allen Kulka, Mansfield
 Rebecca Ann Lachey, Kettering
 Stephen Patrick Lewis, Columbus
 James Andrew Long, Cleveland
 Paula J. Maret, Wellington
 Douglas Masterleo, Columbus
 Mitchell Gordon McGaw, Columbus
 Douglas Wilson Merrick, Shaker Heights
 Brian Richard Miller, Bowling Green
 Bruce Franklin Moore, Alexandria
 Walter Leroy Morey, Jr., Williamstown, WV
 Michele Morrone, Lawrenceville, NJ
 David Duane Paisley, Columbus
 Gerald L. Reynolds, London
 Jane Anne Roadcup, Columbus
 Lisa Jo Row, Columbus
 Jean Marie Scholle, Centerville
 David Paul Scott, Columbus
 Michael Everson Sigler, Wooster
 Scott Thomas Smith, North Canton
 Timothy Lee Smith, Worthington
 Thomas Soeder, Northfield
 Larry Richard Speelman, Columbus
 Melanie Norma Strohecker, Galena
 Russell Curtis Swain, Blacklick
 Michael Wayne Swisher, North Royalton
 Christy Ann Travers, Columbus
 Karol L. Troyer, Columbus
 James Scott Vaughn, Westerville
 Dean Edward Venturin, Niagara Falls, NY
 Brian Richard Wall, Troy
 Theresa Marie Waugh, Springfield
 Samuel Mark Woodrow, Marietta, GA

Agricultural Technical Institute- Wooster

Associate in Applied Science

Nancy Jane Allen, Creston
 Alicia Lena Appleman, McArthur
 Kevin Lee Arbaugh, Jewett
 Ann Armao, Beachwood
 Susan Renae Armstrong, Sugar Grove
 Brad E. Baker, Bowling Green
 Peggy Sue Bateson, Arlington
 Michael Leonard Beardsley, Canfield
 Lisa Beth Blumenschine, Toledo
 Gene Edward Brinkman, Arlington
 L. Richard Butler, Jr., North Olmstead
 Bernard Clarence Caldwell, Beaver Creek
 Elaine Andrea Carr, Wadsworth
 Steven Ray Chandler, Lebanon
 Mark Alan Cline, Risingsun
 James Timothy Collins, Toledo
 Peggy Lorraine Cummins, Southington
 Jeffrey Jay Davis, Newark
 Timothy Kent Dietrich, Clarington
 Paula Ann DiMedio, Haddonfield, NJ
 Hugh Andrew Drake, Sylvania
 Robin Victoria Dunham, North Ridgeville
 Jana Elizabeth Dunson, Bellefontaine
 Michael Lawrence Duszynski, Toledo

Robert Eugene Ebbeskotte, Delphos
 James Carl Ebert, New Alexandria, PA
 Katherine Deane Ellis, Wooster
 Lucille Ruth France, Coshocton
 George William Furrer, Ravenna
 David J. Gillis, Sterling
 David Thomas Grafton, Steubenville
 Michael Allen Hambach, Canton
 Paula Therese Heppler, Fairview Park
 Ruben Alberto Herrera, Elmore
 Eric Scott High, Ohio City
 Brian Douglas Hill, Zanesville
 Paul Ernest Hofer, Akron
 Timothy Daniel Holliker, Waterville
 Neil Christopher Huffman, Atica
 Wayne John Impullitti, Highland Heights
 Steven Daniel Ivory, Maple Heights
 Walter George Johnson, Franklin
 Patricia Ann Kauffman, Covington
 Anton Edward Kava, Brunswick
 Rosalie Marie Keller, Marion
 Kimberly Sue Kendall, Lakewood
 Terry Alan Kick, Loudonville
 Jon Michael Kinsey, Homeworth
 Marie Louise Kinwin, Columbus
 Dianne Kay Kistner, Monclova
 Kenneth A. Kresina, Sokon
 Daniel Clayton Lay, Delta
 John Alan Leggett, Lodi
 James Joseph Lesniak, Hartsville
 David John McKoski, Tallmadge
 Rick E. McQuillin, Wauseon
 Anita Marie Magan, Charleston, WV
 Peter Thomas Malak, Novety
 Lisa Malmer, Canfield
 Barbara J. Marley, Middle Point
 Mark Edward Marteeny, Somerset, PA
 Susan Amanda Metz, Botkins
 George Gregory Miller, Rocky River
 Kevin Ray Miller, Celina
 John Joseph Molyet, Fremont
 Glenn Richard Moore, Jr., Uniontown
 Deanna Marie Moritz, Arcanum
 Kevin Michael Mutti, Stonecreek
 Edwin John Nagel, Archbold
 Mary Kay Theresa Naseman, Troy
 Charles Edward Nevergall, Celina
 James Edward Nicula, Fowler
 Roger Joseph Niese, Shelby
 Hope Ann Nildas, Hartsville
 Betsy Rose Oesch, Shelby
 Ronald Lee Offenberger, Lowell
 Robert Russell Ostrmann, Rocky River
 Penni Joy Pelich, Brecksville
 James Gerald Pierce, Bristolville
 Christine Marie Pietrzyk, North Royalton
 Franklin Eugene Piper, Dorset
 Daniel J. Reams, Massillon
 David John Rees, Lakewood
 Leonard John Remias, Jr., Youngstown
 Robert Roy Riddle, Pemberton
 Jeffrey Lee Rohlf, Defiance
 Steven William Rohlf, Defiance
 Todd Andrew Ronski, Westerville
 Karen L. Roth, Chesterland
 James Clement Ruffing, North Olmsted
 Mark Alan Rupp, Pettisville
 Sheila Ann Rush, Doylestown
 Kenneth Lawrence Scaife, Tiffin

Peter Thomas Schade, Olmsted Twp.
 Brenda Lee Scholl, Columbus
 William Craig Schreiner, Akron
 Charles George Schwanger, Monroeville
 Daria Mandrych Smith, Medina
 John Clinton Stier, Troy, MI
 Timothy John Stumpff, Findlay
 John Patrick Stutz, Wooster
 Nancy E. Thomson, Mentor
 James Gavin Todaro, Wooster
 Jack David Tripp, Sylvania
 Denyse Lydia Velick, Lyndhurst
 Clyde Ellis Wessel, New Knoxville
 Lisa Ann Whalen-Smith, Wooster
 Christopher Lee Whitney, Columbus
 Wayne Hively Witmer, Columbiana
 Deborah Ann Wood, Baltimore
 Joseph Randall Wooster, Fowler
 Scott Andrew Young, Mansfield

College of Dentistry

Dean: William R. Wallace

Doctor of Dental Surgery

Robert Scott Anderson, Cincinnati
 B.A. (The College of Wooster)
 B.S. (The Case Western Reserve University)
 Jeffrey Lawrence Angart, Cleveland
 B.S.
 James Douglas Aust, Toledo
 B.S. (Bowling Green State University)
 James Vaughn Baker, Kent, WA
 B.A. (University of Washington)
 Richard William Bates, Harrison
 B.S. (Virginia Military Institute)
 Portia J. Bell, East St. Louis, IL
 B.S. (Indiana State University)
 Michael Frederick Biggert, Springfield
 B.S. (Wright State University)
 Richard Francis Bis, North Olmsted
 B.S. (University of Notre Dame)
 David John Blank, Cleveland
 B.A. (Kenyon College)
 Gregory Alan Blythe, Delphos
 B.S.
 Steven Richard Bono, Kittanning, PA
 B.S. (Juniata College)
 James Charles Braun, Dayton
 B.S. (Miami University)
 Gary Allen Breymaier, Waterville
 B.A. (University of Toledo)
 Gail Ellen Brossok, Hilton Head Island, SC
 B.A. (Simmons College)
 Paul Tway Brown, Groveport
 B.S.
 Walter Charles Buchsieb II, Centerville
 B.S.

James D. Burson, Bellevue
 B.A. (Miami University)
 Richard R. Bush, Marion, NY
 B.S. (Muskingum College)
 Lee Edward Byerly, Carroll
 B.S.
 Dean Allen Carmichael, Parma
 B.S.
 Jorge Roberto Ceturion Lopez Oña, Coral Gables,
 FL
 B.A., B.S. (University of Notre Dame)
 Patrick Allan Chaney, Newton Falls
 B.S. (Heidelberg College)
 James Robert Cole, Erie, PA
 B.S. (Gannon University)
 Clifford Allen Cook, Akron
 B.S.
 Thomas Arthur Coombs, Saginaw, MI
 B.S. (Michigan State University)
 Frank Edward Cordray, Jr., Grove City
 B.A. (Miami University)
 Louis John Corrado, Pittsburgh, PA
 B.S. (Marietta College)
 Richard Edward Corwin, Hamilton
 B.S. (Miami University)
 Dennis James Custer, Lancaster
 B.S., M.S.
 Michael Walter Dagostino, Parma Heights
 B.S.
 William Patrick Davis, Jr., Cuyahoga Falls
 B.S. (Kentucky Wesleyan College)
 Jon Brooks Decker, Sugar Grove
 B.S.
 Daniel Louis DeFazio, Hamilton
 B.S.
 Mark Daniel DeGenova, Poland
 B.S. (Youngstown State University)
 Anthony Michael Deiberato, Garfield Heights
 B.S. (Kent State University)
 Louis Andrew Demeter, Toledo
 B.A. (University of Toledo)
 Joseph Michael DePalma, Richmond Heights
 B.S. (Bowling Green State University)
 Michael David Derosa, St. Clairsville
 B.S.
 Salvatore Marc DiBenedetto, Dayton
 B.S. (Wright State University)
 Gregory Thomas Droba, Warren
 B.S.
 Gary David Drollinger, Medina
 B.S.
 Robert Joseph Dunick, Struthers
 B.S. (Youngstown State University)
 Victor Martin Durko, Jr., Youngstown
 B.S. (Youngstown State University)

Robert A. Dycman, Youngstown
B.S.

Paul Thomas Edwards, Liverpool, N.Y.
B.S. (St. Lawrence University)

Thomas Scott Emerson, Lisbon
B.S. (Mount Union College)

Richard Worsham Emmert, Columbus
B.A. (Otterbein College)

Leonard Thomas Gaglione, Shaker Heights
B.S. (Denison University)

George Roberts Galehouse III, Akron
B.S. (University of Akron)

George Richard Getschman, Birmingham, MI
B.S. (Alma College)

M.P.H. (University of Michigan)

Keith Alan Gilbert, Chesterland
A.B. (Stanford University)

Beverly Ann Goodman, Pontiac, MI
B.S. (University of Michigan)

Sheilah Mae Gray, Chillicothe
Cert. Grad. Dent. Hyg.,
B.S. (Ohio University)

George James Guku, Campbell
B.A.

Alfred H. Hartkopf, Sylvania
B.A. (University of Toledo)

Robert Jeffrey Heinrichs, Attica
B.S.

Francis Dean Henize, Xenia
B.S. (Wright State University)

Eric Charles Hlatky, Akron
B.A. (Case Western Reserve University)

Patrick Joseph Hoban, Cincinnati
B.S. (University of Cincinnati)

James Anderson Hoddick, Tonawanda, NY
B.S. (John Carroll University)

Cheryl Lynn Hoffman, Cincinnati
B.S. (University of Kentucky)

Peter John Huling, Westerville
B.A. (Miami University)

Bradley K. Jeren, Youngstown
B.S.

Henry Christopher Jeu, Flossmoor, IL
B.S.

John William Johnson, Yellow Springs
B.A. (Miami University)

George Peter Jonson, Dayton
B.S. (Wright State University)

Richard Joseph Jurevic, Columbus
B.S.

Paul Michael Kaput, Middleburg Heights

Kevin Ray Kast, Payne
B.A. (University of Toledo)

Jody David Kear, Mansfield
B.A. (Case Western Reserve University)

Brian Joseph Kelleher, Columbus
B.S.

Matthew John Kelly, Dayton
B.S.

Myron Adrian Klos, Independence
B.S. (University of Cincinnati)

Martin Leo Kowalski, Brooklyn, NY
B.A. (Brooklyn College)

Orest Bohdan Kowalsky, Cleveland
B.S.

Robert Paul Krauss, Columbus
B.S.

Mark Michael Kubic, Youngstown
B.S. (Youngstown State University)

James Walter Kwasniak, Toledo
B.A. (University of Toledo)

John Francis Learner, Cuyahoga Falls
B.S. (University of Akron)

Jerome Alan Lechlak, Toledo

Michael Henry Leone, Poland
B.A. (Youngstown State University)

Ronald Eliot Levine, Baldwin, NY
B.S. (State University of New York at Albany)

Douglas Da-Ching Lin, Lima
B.S.

David Scott Lipps, Westerville
B.S. (University of Cincinnati)

David Victor Loveday, Columbus
B.S.

Elizabeth Gecowets Loveday, Westerville
B.S.

Jeffrey Michael Lowd, Shaker Heights
B.S. (University of Notre Dame)

Michael Henry Marotta, Highland Heights
B.S. (Cleveland State University)

Christina Marie Martin, Columbus
B.S.

Rick Vaughn Mason, Warren
B.S. (Youngstown State University)

Timothy Alan McDuffee, Toledo
B.S.

Michael Charles McVicker, Toledo
B.S.

Patrick Daniel Michel, Cincinnati
B.A. (St. Louis University)

David Robert Milne, Middleburg Heights
B.S.

Timothy Hamman Moore, Columbus
B.A. (Wittenberg University)

Michael Martin Mott, Paulding
B.A. (Miami University)

Randall Walter Nameth, Rayland
B.S.

Vannah Ellen Nantz, West Carrollton
B.S. (University of Dayton)

Bessie E. Nicholas, Sylvania
B.A. (University of Toledo)

Wesley McCall Nida, Marietta
B.S.

Thomas Joseph O'Brien, Jr., Dublin
B.S.

William Redford O'Conner, Cincinnati
B.S. (Xavier University)

Thomas John Perrino, Cincinnati
B.S. (Xavier University)

Steven Lee Pine, Fairborn
B.S. (Wright State University)

Nancy Louise Reeves, Chagrin Falls
B.A. (Miami University)

Russell Thomas Reynolds, Utica, MI
B.S., M.S. (University of Michigan)

Jose Emilio Ribo, Miami, FL
B.S. (Ohio University)

Robert Stern Rofsky, Columbus
B.A.

James A. Salerno, Niles
B.A. (Hiram College)

Rudolf Frederick Schimon, Rochester, MI
B.S. (Michigan State University)

William David Schmerge, Cincinnati
B.S. (Xavier University)

George Milton Shepherd III, Mingo Junction
B.S. (Ohio University)

Richard Lee Sherwood, Jr., Centerville
B.A. (Miami University)

Samuel Eugene Smiley III, New Port Richey, FL
B.S.

Thomas William Snyder, Willoughby
B.S.

Steven M. Southwood, Cincinnati
B.A. (Miami University)

Mark Andrew Springer, Delaware
B.A. (Ohio Wesleyan University)

M.S. (Wright State University)

Paul James Steigenwald, Cleveland
B.S. (Case Western Reserve University)

Gregory Charles Stepanski, Seven Hills
B.S. (University of Notre Dame)

Daryl Mark Stewart, Washington Court House
B.A. (Miami University)

Timothy Paul Suiken, Columbus
B.A. (Wittenberg University)

Michael Graham Tanner, Toledo
B.A. (Williams College)

M.Ed. (University of Toledo)

Bruce Edward Treiber, Canton
B.S.

Roger Lee Veith, Blue Ash
B.A. (Indiana University)

David Howard Verzella, Wellsville
B.S.

Michael Robert Vorherr, Cincinnati
B.S. (University of Cincinnati)

Michael Ernest Wahl, Tiffin
B.S. (Bowling Green State University)

Yohannes Waret, Gimbe, Ethiopia
B.A. (Middle East College)

M.P.H. (Loma Linda University)

David Anthony Weaver, Perrysburg
B.S. (Bowling Green State University)

Michael Alan Whitefield, Southfield, MI
B.G.S. (University of Michigan)

Christopher Blaine Wiley, Perrysburg
B.S. (John Carroll University)

Bernard Julius Wilker, St. Mary's
B.S.

Edward Winthrop Wilson III, Cincinnati
B.A. (Miami University)

Jeffrey Allen Wilson, Canal Winchester
B.S. (Ohio University)

Michael Stephen Winick, Canton
B.S. (Ohio University)

Bruce Alan Winter, Warren
B.S.

Robert H. Wolcott, Eaton Rapids, MI
B.S. (Grand Valley State College)

M.S. (University of Cincinnati)

Robert William Woodworth, Youngstown
B.S. (Youngstown State University)

Hugh Thomas Wunderlich, Tipp City
B.A. (Miami University)

Brian J. Yee, Parma Heights

Thomas William Zulliger, Lima
B.S.

Certificate of Graduate Dental Hygienist

Maria G. Antoniadis, North Canton
Maryann Aumiller, Elyria
Belinda Lou Back, Middletown
Carol Marie Baumann, Centerville
Susan Ann Betry, Defiance
Celia Ann Blanchong, Westerville
Christy Sue Brisingler, Logan
Elizabeth Anne Brown, Thornville
Sylvia Beathe Byholt, Norcross, GA
Gail Ann Carney, Cuyahoga Falls
Kelly Ann Chapman, Columbus
James Vito Cicchese, Northridge, CA.
Denise Darlene Coffman, Springfield
Joan Marie Corsi, Rocky River
Julie Ann Crawford, Columbus
Elizabeth V. Dietrich, Akron
Mary Myrna Dooley, Medina
Francine Beth Eppy, Columbus
Genevieve Rose Ezzo, Canastota, NY
Blanche Susan Fahrer, Dayton
Cynthia Ann Felter, West Milton
Susan Lynn Fertel, South Euclid
Susan Lee Flint, New Vienna
Barbara Ellen Frasz, Mansfield
Barbara Jean Furlow, Canton

Robin Lee Galieti, Columbus
Lisa Ann Gildenmeister, Bellevue
Catherine Ann Gleason, Dayton
Karen Harnetty, Westerville
Debra Sue Hurtt, Defiance
Stephanie Sonkin Kess, Beachwood
Teresa Marie Kobetsich, South Euclid
Carol Lee Komara, Poland
Lisa Ann Kuhn, Caldwell
Sheryl Anne Lawyer, Columbus
Sandra Jean Machock, Columbus
Debra Lynn Mardosa, Port Clinton
Colryn Rae McGinty, Mansfield
Marsha E. McNutt, Butler
Shirley Jean Metcalf, Lucas
Cynthia Kay Mingus, Berlin Heights
Lynn Marie Mlakar, Lorain
Sherry Dawn Mullins, Orient
Jodeli Marie Neary, Columbus
Amy Jill Okun, Toledo
Cindy Helene Orr, Medina
Patricia Pall, Lyndhurst
Diane Pavalko, Canfield
Mary Clare Pejeau, Rocky River
Nancy Ellen Poetter, Wadsworth
Paula Jean Pressler, Castalia
Debra Leigh Rasor, Seville
Janice Marie Reynolds, Port Clinton
Margaret A. Rueve, Cincinnati
Tina Elizabeth Schiely, Columbus
Kathryn Ann Schriml, Centerville
Jan Marie Scott, Orrville
Kim Leslie Shaw, Uhrichsville
Tamera Lynn Shepard, Troy
Jennifer Sue Shrader, Triplett, NC
Jill Yvonne Snyder, Bay Village
Deborah Ann Staric, Columbus
Cheryl Louise Strain, New Carlisle
Mary Elizabeth Thomas, New Philadelphia
Tamara Maureen Underwood, Newark
Jill Cormany Wade, Columbus
Julie Ann Water, Columbus
Sandra Kay Williamson, Columbus
Nancy Gina Workman, Danville
Tracey Lee Yaeger, Cincinnati
Michele Paige Zeitlin, Wayne, NJ
Lisa Lang Zuefle, Portsmouth

College of Education

Dean: Donald P. Anderson

Bachelor of Science in Education

Lamara Abubakar, Bauchi, Nigeria
Andree Maria Akers, Coshocton
Linda Anne Albright, Troy
Margaret Elizabeth Amos, Worthington
Donna Sue Andrews, Newark
Gretchen Anne Anthony, Columbus
Maria G. Antoniadis, North Canton
Kimberly Ann Arledge, Jacksonville, FL
Thomas Gerald Armstrong, Reynoldsburg
Susan Diane Arnold, Columbus
Lori Elizabeth Asher, Mansfield
Cheryl Lynn Bachman, Columbus
Belinda Lou Back, Middletown

Amy Lynn Baden, Pepper Pike
Kathryn Lynn Baker, Vermilion
Vicki Elizabeth Banas, Canal Winchester
Paula Sue Barker, Columbus
Cynthia Poling Bechtel, Broomfield, CO
Margaret Mary Beery, Columbus
Ronna Gayle Beery, Newark
Ned David Bell, Columbus
David Alan Benecke, Napoleon
Karin E. Berry, Vermilion
Laura Leigh Beyer, Jeromesville
Leslie Ann Beyer, Kettering
Andrew Salvatore Bianco, Jr., Lima
George Blokonsky, Cleveland
Michele Lee Bils, Columbus
Adamu Tubi Bitkon, Bauchi, Nigeria
Barbara F. Blackstone, Delaware
Linda Sue Bobb, Grove City
Margaret Ann Bockelman, Cincinnati
Carolyn Ann Boesch, Johnstown
Amy Houser Bogan, Sunbury
Amy Suzanne Bogart, Groveport
Gretchen Borel, Columbus
Loretta Lee Boss, Wooster
Joseph Michael Bowers, Englewood, CO
Tracy Lynn Bowling, Columbus
Richard Alan Brindley, Dennison
Kevin Leo Brinkman, Ottawa
Christy Sue Brisingler, Logan
Bernhard Gerakl Brown, Marietta
Beverly Jenkins Brown, Columbus
Elizabeth Anne Brown, Thornville
Greig Louis Brown, Granville
Janet Solt Brown, Grove City
Scott Alan Bruns, Shelby
Marvin Darrell Buchanan, New Bloomington
Judith L. Buckley, Delaware
Angela Cerise Buckner, Columbus
Lorraine M. Buettner, Canal Winchester
Beth Ann Bullock, Circleville
Judith Ellen Bumgarner, Prospect
Robin Leah Burnett, Gallipolis
Lawrence D. Burns III, Carroll
Marial P. Burr, East Orange, NJ
Patricia Jean Cameron, Reynoldsburg
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Kathryn Lee Champlin, Akron
Kimberly Marie Clauss, Canton
Gina Lynn Clifton, Beavercreek
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Jane Marie Clouse, New Riegel
Denise Darlene Coffman, Springfield
Teri Lee Cohodes, Columbus
Kathleen Ann Colaner, Bowling Green
Jill Ann Compston, Cincinnati
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Noufa Sardelis Kontakis, Columbus
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Steven Edward Corbin, Lima
Joan Marie Corsi, Cleveland
Diane Sue Cozad, Springfield
Tonya Marie Craig, Columbus
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Michael Byron Crisp, Reynoldsburg
Maria Teresa Cuetto, Columbus
Alice Louise Cullen, Vienna

Betty Lou Cunningham, Cairo
 Sherry Lynn Daniel, Elyria
 Tracy Lynne Daniels, Marion
 Ann Ibbetson Davis, Zanesville
 Linnet Lee Davis, Westerville
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 Jennifer Ann Hughes, Columbus
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 Sarah Moore Hussey, Columbus
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 Ellen Joan Johnson, Chillicothe
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 Lisa Ann Jones, Zanesville
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 Gwen Elaine Kable, Celina
 Cathy E. Kaiser, Columbus
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 Kimberly Sue Kantzer, Marion
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 Samaila Mani, Bauchi, Nigeria
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 Alahji Misau Mohammed, Bauchi, Nigeria
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 Kevin Brian Stepp, Columbus
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 Laura Denise Stockfish, Beachwood
 Elizabeth Graben Stooke, Columbus
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 Randy Lee Titkemeyer, Hamilton
 Kathleen Trent, Grove City
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 Christina Elizabeth Turdo, Lake Worth, FL
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 Shauni Voorhees, Pataskala
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 Patricia Ann Weese, Columbus
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 Diane Lynne Williams, Berlin Center
 Rodney Keith Williams, Westerville
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 Brenda Louise Wilson, Gates Mills
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 Vanda Kelli Winn, Columbus
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 Nancy Gina Workman, Darville
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 Alan Kendall Tuttle, Trotwood
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 Gary Scott Wolam, Geneva
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Bachelor of Science in Agricultural Engineering

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 Timothy James Doone, Columbus
 Eric Franz, W. Salem
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 Grant Smith Grooms, Galloway
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Bachelor of Science in Agricultural Engineering

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Kenneth Jeffrey Danter, Bexley
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Gregory Michael Masica, Coshocton

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Robert Allen Penicka, Euclid
Douglas James Penrod, Marysville
Jonathan Wayne Pressler, Barberton
Patrick Alan Renner, Centerville
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Mohammad Reza Sadeghi, Abhar, Iran
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Maria Therese Savage, Blanchester
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Rosanne M. Denega, Parma Heights
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Mohd Sabri Hamzah, Besut, Malaysia
Lee Beng Ho, Kuala Lumpur, Malaysia
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Fuad M. Marie, Jordan
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Michael Andrew Paine, Worthington
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Polycarpus Andrew Polydorides, Nicosia, Cyprus
Loren Martin Puckett, Highland
Michael Todd Ramey, Wooster

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Meng Kow Tung, Penang, Penang
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Bachelor of Science in Computer and Information Science

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James E. Dawes, Cincinnati
Karl Phillip Dohm, N. Royalton
John Edward Fangmann, Cincinnati
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Taras Nicholas Galan, Parma
James Michael Gaughan, Warren
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Bruce Edward Hendrick, Copley
Steven William Hirschfeld, Minster
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Daniel Brian Kehn, Fairview Park
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Paula Chi-Lin Ko, Columbus
Richard Alan Lee, Columbus
Seong Gee Lee, Hong Kong
Hwa Liu, Nanking, China
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Edward Joseph Lynch, Columbus
Michael Andrew Marko, Avon Lake
Sheila Ellen Marx, Columbus
Jeffrey Scott McCallister, Columbus
Tammy Mielke, Valley City
William Fredrick Mielke, Valley City
Martin Russell Milliron, Fairborn
David Andrew Minster, Wyckoff, NJ
Derek Dean Myers, Frazesburg
William Brian Norris, Columbus
Barbara Ann Norton, Madison
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Tjun Huat Goh, Singapore, R.O.C.
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Farshad Khorrami, Tehran, Iran
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Keith David Kirkpatrick, Marion

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Timothy Raymond Lonchar, Euclid
Michael Patrick McQuade, Columbus
Mark Allen Mecozzi, Gahanna
Deborah Ann Meyer, Harrison
Dale Andrew Micklos, Parma
William Gerry Minnich, Alliance
Randall Richard Morton, Kettering
Martin Edward Muhall, Middletown
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Paul Donald Olson, Huber Heights
Roman Frank Omilion, Parma
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Lee-Dal Park, Columbus
Harold Maxwell Polus, Maple Heights
Lawrence Louis Ponziani, Kettering
Robert Llewellyn Prothore, Columbus
Craig Patrick Reilly, Upper Arlington
Jefferson Garland Risner, Minford
Harry Frank Sakonashi, Santa Clara, CA
Edward K. Saliba, Kaa-el-Rim, Lebanon
Stanley Thomas Scheuffler, Sandusky
Russell Paul Schussler, Columbus
Gary Michael Serrino, Canfield
Niraj Nareesh Shah, Columbus
Harry Thomas Shamansky, Bexley
Michael Raymond Siferd, Beavercreek
Kim Sisneros, Enon
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Matthew Sherman Smith, Columbus
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James Michael Spall, Fairview Park
Charles Lorn Stoup III, Carlisle, PA
Yontz Marcus Sucre, Kettering
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Kathleen L. Tokuda, Albuquerque, NM
Jay Arthur Treptow, Bay Village
Jorge Daniel Vidales, Buenos Aires, Argentina
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Kent William Wilhelm II, Mansfield
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Michael Ellis Williams, Bucyrus
Haipering Wong, Singapore, R.O.C.
Jack Hong Yee, Toledo

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Steven David Cech, Wickliffe
Mitchell Owen Faust, Dayton
Kevin Patrick Granata, Toledo
John F. Weller, Cincinnati

Industrial Engineer

Stephen Craig Jetter, Columbus

Bachelor of Science in Industrial and Systems Engineering

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Jeffrey August Boerger, Rossburg
James Bradley Brandt, Hilliard
Kimberly Burt, Zanesville
Ho Yew Chong, Singapore, R.O.C.
Yee Choong Chooi,
Kenneth Jay Cox, Monroe
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Cynthia Jean Davis, Toledo
Clifford James Fallon, Worthington
Gregory Girard Gerycz, Bedford Heights
Cynthia Anna Goetz, Littleton, CO
Susan Marie Grubenhoff, Berea
Debra Lynn Guran, Akron
Romona Sophia Guy, Millfield
Michelle Ann Heleman, Fremont
Steven Anthony Heiner, Piqua
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Thomas Charles Springdale
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Nancy Jean Browning, Sanford, ME
Donald Coleman Caldwell, Brecksville
Andrew S. Cary, Worthington
Michael James Cave, Lancaster
Robert B. Cicone, Mingo Jct.
Gordon Bennett Clouse, Columbus
Daniel Leroy Connell, Oak Harbor
Curtis Clair Cowan, Elyria
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Mark Alfred Diederichs, Springfield
Gregory M. Dinerger, Tiffin
James D. Doane, Fredericktown
Paul David Doherty, Cleveland Heights
John Francis Donovan, Berea
Daniel Adrian Drake, Zanesville

Jeffrey Michael Eastman, N. Canton
Jeffrey Alan Eucker, Fairview Park.
Jerry Edward Farstad, Sunbury
Robert Charles Foti, Columbus
Dan Robison Fox, Greenville
David Winston Frenze, Philadelphia, Pa.
Scott Allen Freshwater, Dresden
David Michael Good, Upper Arlington
Robert Edward Heilman, Columbus
Jeffrey Dean Heminger, Van Buren
Jeffrey Lee Hertig, Lima
David Grant Hiscock, Zanesville
Raymond Charles Hoendorf, Cincinnati
Bassam Al Homsy, Columbus
Kevin Lynn Horsley, W. Portsmouth
Mary Madelene Howley, Rock Creek
Robert J. Huff, Jr., Dayton
Alan Jon KaKaley, Bellefontaine
Elizabeth Grace Kaye, Lyndhurst
George Andrew Keller, Swanton
Philip Shafer Keller, Brighton, MI
Cynthia Jane Knodel, Cincinnati
Noah K. Koontz III, Columbus
Edward Michael Kucinski, Berkeley Heights, NJ
William Richard Larimer, Strongsville
Kevin Scott Lasher, Hatfield, PA
Alan James Lee, Dayton
Clinton Edward Leedy, Gray, TN
Philip Michael Lumpach, Ottawa
Brian Thomas Lynch, Columbus
Scott Thomas MacLaughlin, Marysville
Timothy Hans Magisos, Columbus
Philip Mackoy Martin, Columbus
Jeffrey Alan McCammon, Beavercreek
Carl Walter McLaughlin, Woodfield
Brian Richard Morris, Harrison
Joseph Edwin Mueller, Fostoria
Simon Michael Muench, Columbus
Richard Allen Nestoff, N. Olmsted
Christopher Mark Norden, Hamler
Scott Douglas Norris, Worthington
Mary Lancia Otte, Columbus
Timothy Andrew Patrick, Danville
Bruce Andrew Polinko, St. Clairsville
Charles Raymond Quinn, Zanesville
Jeffrey Allen Reed, Galion
Ronald Albert Reese II, Lima
Alan Scott Rosinger, Columbus
David George Saliaris, Worthington
Timothy Leo Schmelzer, Rushville
John William Schneeg, Ottoville
Stewart Alan Skomra, Lisbon
Saeid Soleimani, Tehran, Iran
Mark Evans Spotts, Plymouth, MN
Lawrence Miles Thomas, Worthington
Aimee Thorpe, Marysville
Cynthia Louise Thurman, Columbus
John Brian Toft, Cincinnati
Charles Albert Vannatta, Upper Arlington
Thomas Eugene Vannatta, Upper Arlington
Duane E. Veley, Marion
Mark Edward Verbanic, Huber Heights
Douglas Wayne Vickers, Dresden
John William Vosler, Gahanna
John Charles Walter, Dayton
Steven L. Watts, Granville
Cary Raymond Weisenberger, Columbus
Collin Lance Wheeler, Columbus
Keith Alan Willoughby, Dover

Hans Eric Yeager, Bellbrook

Bachelor of Science in Metallurgical Engineering

Donald Vincent Avenger, Columbus
Christine Elaine Banks, Caldwell
Kenneth Frederick Berg, Downers Grove, IL
Anne Elizabeth Browning, Portsmouth
Lisa Marie Burke, Conway
Lisa Jo DuVernay, Columbus
Herbert Elgin Evans, Jr., Parma
Jody A. Hribar, South Hts., PA
Herbert David Kleine, Dover
Donna Diane Kuhlman, Beavercreek
Soon Hua Lim, Kluang, Johor
Bradley Alan Meilink, Sylvania
David E. Nelson, DesPlaines, IL
Christopher Clay Newkirk, Middletown
Suzanne Marie Rackliffe, Brecksville
Karen Marie Sater, Strongsville
LeRoy Scott Sauter, Avon Lake
Jay R. Scharenberg, Mentor
Thomas Emil Schauer, Euclid
Daniel David Sickafoose, Canton
Brian Philip Spiegel, Poland
Joseph Anthony Susco, Jr., Brooklyn, NY
Mark Granville Tabler, Lima
Jeanne Frances Tilicky, Brooklyn
Jim Harry Tokmenko, Parma
Richard James Warburton, Columbus
Paul Richard Ward, II, Gallipolis
Dean Alan Wheeler, Shaker Heights
Bradley Scott Whiteleather, Cambridge

Bachelor of Science in Mining Engineering

Bernard Lane Brown, Florence, KY
Randy B. Crites, Lima
Brian Walter Mack, Canton

Bachelor of Science in Surveying

Rosanne M. Denega, Parma Heights
David Michael McGuire, Akron

Bachelor of Science in Welding Engineering

David John Barton, Strongsville
John Joseph Bottoms, Cobourg, Ontario
Donald Eugene Bowers, W. Alexandria
Thomas Perry Carlisle, Granville
Henry Han-Li Chang, Columbus
Mark Boyd Congdon, Cincinnati
Thomas John Culklin, Glen Head, NY
Patrick James Dwyer, Northbrook, IL
Gerald Patrick Frank, Avon Lake
Jeffery Eugene Frank, Canton
Rick Brian Gorman, Washington Court House
Kay Sophia Hagey, Columbus
Randy Keith Keller, Chester
James Edward Mather, Columbus

Mark Kevin Meyer, Columbus
Jeffrey Alan Moss, Mt. Sterling
David B. O'Donnell, Westerville
Jonathan T. Salkin, Rye, NY
Marty Robert Scott, Chesterland
Gregg Paul Simpson, Irwin, PA
David Austin Stanzel, Dearborn Heights, MI
Steven J. Sulc, Chesterland
Timothy Joseph Trapp, Gahanna
Matthew C. Trimeioni, Newark
Jerry Lee Warren, London
James David Whittenbarger, Cincinnati

School of Architecture

Bachelor of Science in Architecture

Mark David Bartel, Columbus
Roger Lynn Basinger, Lima
Harvey George Burns, Columbus
Thomas Michael Campbell, Dayton
Mohammad Hassan Dakhteh, Powell
Amadeu Cardoso de Sousa, Agincourt, Ontario
Andrew Murray Doman, Alliance
Donald Leroy Dudrow, Jr., Springfield
Geoffrey Dewitt Eaton, Mansfield
David Alan Eflaw, St. Clairsville
William Joseph Feller II, Parma Heights
Richard John Fields, Westlake
William Evan Firestone, Worthington
Timothy Michael Fishing, Columbus
Suzanne Kimberly Furjanic, Murraysville, PA
Ronald James Gajoch, Middleburg Heights
Robert Gerard Gesing, Youngstown
Jeffrey James Gilger, Toledo
Cary John Gluf, Chagrin Falls
David Michael Goth, New Philadelphia
Jamie Allen Greene, London
Jeffrey Lee Heffner, St. Marys
Roger Frederick Heineman, Poland
Kevin Scott Hoffman, Mansfield
Lonnie James Hovey, Rochester, NY
David Carey Ireland, Powell
Britton Lee Jewett, Sandusky
David Cullen Johnson, North Olmsted
Berry Allen Jones, Union
Michael Francis Kerns, Maple Glen, PA
Gregory Parent Klein, Cincinnati
Richard Randall Knilians, Columbus
Anthony Stephen Koval, Garfield Heights
Douglas Scott Kruse, Parma
Thomas A. Lanzelotti, Inwood, NY
Mark Dave Lecky, Cleveland
James John Lehnert, Bexley
James Leslie Linke, Columbus
Joseph Parent Lobdell, Darien, CT
Ronald Chester Lowe, Aurora
David Vincent Mancino, Yorkville
David Matthew Mayer, Lyndhurst
Thomas Mark McCash, Cincinnati
Bruce Alan Miller, St. Henry
Timothy Edward Miller, Middleburg Heights
Dellos D. Morrison, Urbandale, IA
Victoria Louise Newell, Lakewood
Sally Louise Noble, Cincinnati
Haythem Hassan Nourachi, Basra, Iraq
Jeffrey Lynn Nutter, Bainbridge, NY

Timothy Michael Oliver, Welland, Ontario
 John Paul Peterson, Bay Village
 Charles M. Popovich, Jr., Westerville
 Howard Rudlich, Flanders, NJ
 James Andrew Rudy, Columbus
 James Francis Samuelson, Akron
 Paul David Schultz, Blasdel, NY
 William Francis Schultz, Trenton, NJ
 Jerome Michael Scott, Cincinnati
 Dara Lynne Sharp, West Milton
 David Warren Shultis, West Chester, PA
 Emil Anthony Slavik, St. Clairsville
 Chek-Fong Tang, Lutherville, MD
 Joseph David Tanney, Columbus
 Louie Mark Tomaro, Parma
 Steven Richard Turckes, Dayton
 Craig Steven VanHorn, Zanesville
 James Douglas Voorhis, Mason
 William Barry Wagner, Portsmouth
 Timothy Allen Wilson, Newark
 Charles Patrick Wisdom, Pleasant Hill, CA
 Dean Joseph Yuricich, Lorain

Bachelor of Science in Landscape Architecture

Theresa Ann Benjamin, Akron
 Jane Leslie Borovetz, Columbus
 Jeffrey Lee Cole, Wadsworth
 Kevin John Cook, Columbus
 Bob J. Coteleur, Lakewood
 Craig Alan Dupee, Hopewell, NJ
 Molly J. Finn, Columbus
 Peter Anthony George, Cleveland
 Richard A. Getz, Brunswick
 Mark Henry Gialluca, Canton
 Richard Alan Hamilton, Dayton
 Barbara Lynn Haverfield, Wilmington, DE
 Susan Ruth Hoff, Cincinnati
 Peter L. Nelson Holmes, Bethlehem, PA
 Rosemarie Sue Leopoldt, Columbus
 Peta Gay Liburne, Dayton
 Jeremy Daniel Litt, Akron
 James Richard Magley, Worthington
 Barbara Joan Meacham, Columbus
 Darrell Lloyd Meehl, Garfield Heights
 Valerie Ann Mitrone, Westerville
 Jeffrey Lyle Payne, Cincinnati
 James Thomas Penrod, Toledo
 Mark Alan Potts Schmidt, Cincinnati
 Mary Beth Regrut, Dublin
 Carl Joseph Rosewater, Rockville, MD
 Paul Joseph Roszak, Parma
 Jeffrey Rulli, Lorain
 Geoffrey Michael Sobeck, Lakewood
 Thomas Matthew Stephens, Reynoldsburg
 Elizabeth Jane Stevens, Arlington, VA
 Francena M. Turner, Philadelphia, PA
 Eric Gerard Van-Otteren, Gahanna
 Peter T. Vargulich, Jr., Campbell

College of Home Economics

Acting Dean: Lena Bailey

Bachelor of Science in Home Economics

Linda Lee Annette, Columbus
 Teri Louise Armentrout, Powell
 Tamara Lynn Baird, Troy
 Linda Jean Basinger, Columbus Grove
 Mindeé Lee Beckett, Reynoldsburg
 Rebecca Lynn Bennett, Canton
 Julie Diane Beshara, Westerville
 Deborah Elizabeth Betts, Pataskala
 Cynthia Anne Blue, Mt. Sterling
 Lori Ann Bohmer, Columbus
 Lori Lee Bricker, Waverly
 Joyce Kay Burgderfer, Bloomville
 Catharine Ann Canestraro, Urbana
 Kristi Lynn Carr, Columbus
 Nancy Jo Charville, Milan
 Susan Lee Cochran, Whitehouse
 Katherine Rae Conn, West Milton
 Tina Louise Coury, Zanesville
 Holly Kay Covert, Columbus
 Lisa Lyrae Davis, Gahanna
 Teresa Michele Davis, Beavercreek
 Robin Kay Doidge, Dover
 Mark Douglas Dougan, Columbus
 Bonnie Ann Dwelle, Sandusky
 Janette Renee Farthing, Columbus
 Kimberly Ann Fentress, Lima
 Michael A. Fitzgerald, Columbus
 Susan Michele Gottlieb, Toledo
 Jennifer Amy Graham, Falls Church, VA
 Suzanne Marie Grashaw, South Euclid
 Wendy Zoe Greenberg, Anderson, IN
 Carla Ann Guarasci, Columbus
 Julie Ann Hackenbracht, West Lafayette
 Debra Lee Huston, Richmond Heights
 Cheryl Elaine Irvin, West Delaware
 Allison Joyce Janes, Lakewood
 Jennifer Lynn Johnson, Westerville
 Janine Kaufman, Columbus
 Mary Ann Keenan, Columbus
 Leslie Elizabeth Keller, Columbus
 Kelly Lee Kennedy, Cincinnati
 Karrie Elizabeth King, Dayton
 Marcie Beth Klein, University Heights
 Laurie Ellen Kurnetz, Old Tappan, NJ
 Laura Hazard Larcomb, Columbus
 Brenda Gail Lash, Columbus
 Lynn Anastasia Lechner, Springfield
 Monica Wozniak Leissa, Columbus
 Elizabeth Ellen Lilly, Springfield
 Lucinda Lukasko-Koontz, Bexley
 Mary Faye Mantey, Marion
 Mary Jane Markus, Dayton
 Margaret Ann McCarthy, Maumee
 Karen Sue McCarty, Versailles
 Beverly Elizabeth McDougal, Columbus
 Lois Mae McGrath, Hilliard
 Sharon McKelvie, Stratford, CT
 Kathryn Lynn McLain, Westerville
 Janice Margaret Mertz, Botkins
 Lynne Ann Morehart, Columbus
 Michelle LeeAnne Mrofczak, Warren
 Cynthia Marie Norden, Hilliard
 Maureen Ann O'Connor, Columbus
 Christine Ruth Olson, Cherry Hill, NJ
 Beth Anne Otto, Copley
 Gwendolyn Patricia Pace, Columbus
 Hesus Antonio Pareja, Doylestown
 Sheryl L. Parks, Highland Heights
 Mizzi Lynn Pfeiffer, Forest
 Mary Clare Ptatak,
 Lori Ann Piper, Mt. Vernon
 Kathryn Elaine Presar, Wapakoneta
 Laura E. Radcliffe, Columbus
 Roxanna Lynne Ratcliff, Columbus
 Alice Marie Rath, Columbus
 Theresa Marie Rhine, Lima
 Cynthia Sue Richardson, Grove City
 Leanne Scaife, Huron
 Pamela Sue Scott, Columbus
 Maribea Scullen, Youngstown
 Tammy Lynn Sessi, St. Clairsville
 Julie Denise Shippis, Zanesville
 M. Elizabeth Sill, Chesterland
 Cynthia Sue Sisson, Bidwell
 Lynne Ann Smith, Columbus
 Barbara Joy Speyer, Columbus
 Donna Wesley Stephenson, New Philadelphia
 Beverly Lee Stilwell, Baltimore
 Nancy Joann Taylor, Zanesville
 Patricia Anne Telop, Cincinnati
 Terri Lynn Thornsburg, Cincinnati
 Terry Layne Tietz, Copley
 Lori Ann Wagner, Kenton
 Mary Robb Weasel, Columbus
 Patricia Arlene Weiss, Ansonia
 Sharon Davis Weyant, Columbus
 Josephyn S. White, Chillicothe
 JoAnne Mae Wigtil, Columbus
 Tonya Jane Willeke, Marysville
 Sherry Lynne Wilkins, Harrod
 Kathryn Margaret Winebrenner, Marengo
 Karen Farmer Wise, Columbus
 Kimberly Ann Womack, Reading
 Jody Lynn Smith Wright, Columbus
 Ellen Louise Yeary, Columbus
 Lisa Sebransky Yessenow, University Heights
 Jean Ann Zimmerman, Fairview Park

Bachelor of Science in Nutrition

Linda Elizabeth Francetic, Euclid
 Tonja Michelle Jewell, Jackson
 Amy Carol Stocker, Wooster
 Paul Jonathon Wiseman, Jr., Canton
 Raquel Leora Zamir, Cleveland Heights

Bachelor of Science in Restaurant Management

Ellen Marie Blackburn, Parma
 Mark Douglas Droege, Corneaut
 Temple Roane George, Columbus
 Julia Caryl Herfel, Columbus
 Lois Ann Kahle, Kalida
 Ellen Louise McGuire, Monterey

College of Law

Dean: James E. Meeks

Juris Doctor

Walker Mayo Allen, Dayton
B.A. (University of Puget Sound)

Joyce Melissa Averils, Georgetown, SC
B.A. (University of South Carolina)

Bridget Annette Bacon, Clayton
B.A. (Denison University)

Deborah Nay Bahnsen, Columbus
B.S.

John Randolph Balch, Bexley
B.A. (Wittenberg University);
M.H.S.A. (University of Michigan)
M.B.A. (University of Toledo)

H. Randy Bank, Shaker Heights
B.A. (Kenyon College)

Ronald Steven Bates, Xenia
B.S. (Eastern Kentucky University)

Brent Deane Benjamin, Columbus
B.A.

Nancy Truitt Blosser, Kent
B.A. (Miami University)

David Harold Braff, Chagrin Falls
B.A. (Cleveland State University)

Steven Martin Brown, Worthington
B.A.

John Anthony Bull, Cincinnati
B.G.S. (University of Iowa)

Mark William Bury, Hudson
B.A.

Florence Goldberg Bush, Silver Spring, MD
B.A. (Oberlin College)

Melanie A. Campbell, Kettering
B.S. (Miami University)

Theresa Lynn Carter, Columbus
B.S. (Marquette University)

Arthur Latimer Clements, Cleveland
B.A. (Yale University)

Daniel Joseph Connors, Portsmouth
B.B.A. (University of Notre Dame)

Chauncey Lance Cooper, Detroit, MI
A.B. (University of Michigan)

Paul Standish Coppel, Chillicothe
B.A.

David B. Cosgrove, Cincinnati
H.A.B. (Xavier University)

Marianne Crosley, Bay Village
B.A. (Colgate University)

James Kurt Cutright, Chillicothe
B.A. (Miami University)

Joseph Michael Diangelo, Mason
B.S. (Ohio Northern University)

Robert Wendell Dibert, Paducah, KY
B.S. (Northwestern University)

Jacqueline F. Dietz, Reynoldsburg
B.S. (Bowling Green State University)

Richard Guido DiMichele, Cleveland
B.A. (Case Western Reserve University)

Anne Marie Donnelly, Dayton
A.B. (University of Michigan)

Harold Brady DuBois, Kent
B.A. (Denison University)

Glen Atan Dugger, Columbus
B.A. (Ohio University)

Catherine Telles Dunlay, Cincinnati
B.A. (University of Cincinnati)

Samuel Montgomery Duran, Columbus
A.B. (University of Michigan);
M.A. (University of Denver)

Paul Robert Edgar, Columbus
B.S. (University of Cincinnati);
M.S.

Stephen Brian Ellman, Columbus
A.B. (Brandeis University)

John Jeffrey Finocharo, Dayton
B.A. (Miami University)

Elliott Tod Fishman, Columbus
A.B. (Miami University)

William Scott Fowler, Olmstead Falls
B.A. (Ohio Wesleyan University)

Barbara Lynn Freedy, Upper Arlington
B.A.

William Arthur Fulmer, Shaker Heights
B.A. (Kenyon College)

Melissa Ann Gallagher, Worthington
B.A.

Lyle William Ganske, Graytown
B.S. (Bowling Green State University)

Michael William Gleespen, Toledo
B.A. (University of Cincinnati)

Francis Xavier Grady, North Olmstead
B.S. (Georgetown University)

James Edward Green, Akron
B.A. (University of Akron)

Robert Matthew Greggo, Toronto
B.A. (University of Akron)

Wendy Hawkins Gridley, Reynoldsburg
B.S. (Virginia Polytechnic Institute and State
University)

Kenneth Ramon Griffin, Parmele, NC
B.A. (University of North Carolina)

Rand Steven Haimes, Lyndhurst
B.S. (Miami University)

James William Harlan, Dayton
B.A. (Wright State University)

Robert Gerald Hart, Fremont
B.A. (Loyola University of Chicago)

Janet Jay Henry, Chillicothe
B.A. (Michigan State University)

Steven Douglas Hinkle, Centerville
B.S.

Paul Thomas Hoying, Ft. Loramie
B.S. (University of Dayton)

Guy Robert Humphrey, Burton
B.S. (Kent State University)

Kathleen Marie Ingram, Springfield, MA
B.A. (College of the Holy Cross)

Michael Lee Inscore, Mansfield
B.S.

Judith Anne Jackson, Oberlin
B.A. (Miami University)

Mark Ira Jacobs, Toledo
B.A. (University of Dayton)

Stephen Howard Johnson, Elyria
B.A. (University of Kentucky)

Glenn Derrick Kacic, Richfield
B.A. (Miami University)

Jerry Kenji Kasai, Columbus
B.A. (Miami University)

Jon Michael Kasimov, South Euclid
A.B. (University of Michigan)

John Robert Kassinger, Cuyahoga Falls
B.A. (University of Akron)

H. Janet Kater, Winchester, VA
B.S. (Delaware Valley College);
M.S.

John William Kearns, Lisbon
A.B. (Youngstown State University)

John Pearson Kelly, Bellefontaine
A.B. (Harvard University)

Rusty Kendig, Canton
B.S. (Northwestern University)

Lawrence Duane Kerr, Finleyville, PA
B.A. (Washington and Jefferson College)

Susan Lynn Kirchner, Aurora
B.A.

Eric Felix Kleinfeld, Cincinnati
B.A. (Miami University)

James Norman Kline, Beachwood
A.B. (University of Michigan)

Kathleen Meredith Knisely, Grove City
B.A. (Denison University)

Christopher Martin Kohn, Marietta, GA
B.A. (University of Dayton)

Allen Jonathan Koslovsky, Beachwood
B.A. (University of Michigan)

Leslie Beth Kramerich, Lyndhurst
B.A. (Case Western Reserve University)

Karen Ann Krisher, North Canton
B.A. (Wittenberg University)

Gregory Edward Land, Covington, KY
B.A. (University of Cincinnati)

Matthew Christopher Lawry, Columbus
B.A. (University of Chicago)

Bruce Charles Lazear, Columbus
B.A.

Judith Ann Leb, Canton
B.A. (Miami University)

Lyndean Lenhoff, Youngstown
B.A. (Albion College)

Carol Gilkey Lin, Columbus
B.A.

James Francis Long, Middletown
B.A. (Ohio Northern University)

Evette Diana Lurman, Akron
B.A. (Ohio University)

John Howard Lynch, Huron
B.A. (Ohio Wesleyan University)

George Alpheus Lyons, Thompson
B.A. (Wittenberg University)

Charles Jeffrey Mack, Chesterland
B.A. (University of Michigan)

John V. Magee, Xenia
B.S./S.E.

Donna Marie Marhevka, Cleveland
B.S.

John Francis Martin, Akron
B.A. (Miami University)

Aristotle Ricky Matsa, Columbus
B.S., Master of Architecture

Paul Matsuo Matsusaka, Newton, MA
B.A. (University of Michigan)

John Francis McCabe, Des Plaines, IL
B.S. (Northern Illinois University)

Craig Thomas McClung, Middletown
B.A.

John Melidis, Chicago, IL
A.B. (University of Illinois at Chicago Circle)

Barry Alan Menster, Columbus
B.A. (American University)

Mary Julianna Miller, Columbus
B.S. (University of Mississippi)

Michael Stratton Miller, Cincinnati
B.A. (University of Cincinnati)

Steven Worthington Miller, Columbus
B.S./M.E.

Robert Alan Mitchell, Shaker Heights
B.A. (Ohio Wesleyan University)

Alexander Mitrovich, New Concord
B.A. (Oberlin College)

Judith Lynn Monastra, Mansfield
B.S. (Ohio Northern University)

Richard Gary Montevideo, Niles
B.S.

Colleen Lily Mooney, Columbus
B.A. (Marshall University)

Barbara M. Moultrie, Orangeburg, SC
B.A. (South Carolina State College)

Olinda Moyd, Baltimore, MD
B.S. (Coppin State College)

Raymond Joseph Mularski, Gahanna
B.A.

Richard Edward Nau, Urbana
B.A. (Dartmouth College); M.B.A. (Dartmouth
Amosulic School of Business Administration)

Demetrios Jo Neely, Clover, S.C.
B.A. (Johnson C. Smith University)

Sylvia Sue Neff, Columbus
B.S. (St. Louis University)

Richard Herbert Newkold, Dayton
B.A. (University of Dayton)

Jeffrey Lee Nischwitz, Dayton
B.S. (Ohio Northern University)

James Bowen Noble, Columbus
B.A. (Lawrence University)

Judith Ann Northrup, Tulsa, OK
B.A. (University of Tulsa)

Michael J. O'Reilly, Westerville
B.A. (Miami University)

Robert James Orr III, Columbus
B.A. (Heidelberg College)

Robert Thomas Pappas, Cincinnati
B.A. (Carleton College)

Pamela Sue Parsons, Bloomingdale
B.S.

James O'Rourke Payne, Jr., Dayton
A.B. (Dartmouth College)

Jeanne Nordheim Pfister, Powell
B.S.

David William Phillips, Milford, MI
B.A. (Michigan State University)

Christopher Elworth Pon, Columbus
B.S. (State University of New York)

Pierre Warren Priestly, Cleveland
B.A. (Mercyhurst College)

Melanio Riloraza Quintos, Northport, NY
B.E. (S.U.N.Y. at Stoney Brook)

Robin Rebecca Rader, Mansfield
B.A.

Katherine Bryant Raup, Springfield
B.A. (Wittenberg University)

Robert Wallace Reeder III, Canfield
B.S. (Youngstown State University)

Sue Ann Reulbach, Bexley
B.A.

Karen Ann Riestenberg, Cincinnati
B.A. (Xavier University)

Mariela Rinaldi, Steubenville
B.S.

Smeeta Satichidanand Rishi, Pittsburg PA
B.S. (Penn. State University)

Richard Edward Romeo, Columbus
B.A. (Northwestern University);
M.A.

Brent David Rosenthal, Columbus
B.A., M.C.R.P.

Kenneth Merle Roth, Marion
B.A. (Olivet Nazarene College)

Robert Alan Royer, Northfield
B.A. (Allegheny College)

Margaret Waller Rummel, Cincinnati
B.S. (Northwestern University)

Lois K. Ruszala, Midland, MI
B.S. (Northern Michigan University)

Karen Patricia Sampson, Canton
B.A. (University of Akron)

Danna Lee Scher, Cleveland
B.G.S. (Ohio University)

Christiane Ward Schmenk, Wardstock
B.A. (Ohio Northern University)

Mitchell Craig Schneider, Pepper Pike
B.A.

James Pierre Segun, Toledo
B.B.A. (University of Toledo)

Patricia Ann Shlonsky, Columbus
B.A. (Miami University)

Craig Alan Smith, Columbus
B.A.

Daniel Scott Smith, Maple Heights
B.A. (Hiram College)

Elizabeth Thym Smith, Piqua
B.A. (Heidelberg College)

Julia Marie Smith, Fort Jennings
B.A. (University of Dayton)

Quintin Franc Smith, Kettering
B.A.

Robin Koepf Smith, Toledo
B.A.

Sharon Leslie Sobol, Columbus
B.S. (Indiana University)

Karen Ann Soehnen, Navarre
B.S. (Ohio Northern University)

Claudette Marie Spanel, Dayton
B.A. (University of Dayton)

Jean Lou Stacker, London
B.S., M.S. (Michigan State University)

Michael Anthony Staudt, Akron
B.A. (University of Akron)

Douglas Paul Stead, Lancaster, PA
B.A. (Ohio Wesleyan University)

Mark Stephen Stemm, St. Joseph, MI
B.S. (Michigan State University)

Neil Philip Stern, Beachwood
B.A. (Oberlin College)

James Robert Stokes, Buchanan, MI
B.A. (Michigan State University)

Robert Michael Stroh, Boardman
B.A. (Youngstown State University)

Carol Ann Surrel, Steubenville
B.A. (University of Michigan)

Mitchell Matthew Talian, Dayton
B.A.

William Gerard Teeven, Kettering
B.A. (Wright State University)

Susan Marie Teigland, Maumee
B.A. (Wittenberg University)

Michael John Thacker, Dayton
B.S. (Miami University)

Kathryn Anne Thomas, Lakewood
B.S.

Diana Kury Thompson, Columbus
B.S.

Karen S. Timko, Columbus
A.B. (Youngstown State University)

Brent Alan Titus, Grand Blanc, MI
B.B.A. (University of Michigan)

Michael Francis Urse, Columbus
B.S.

Henry Bruce von Ohlen, Powell
A.B. (Stanford University)

Richard Glenn Waldron, Gahanna
B.S. (Ohio University)

Mark Gerard Waters, Cincinnati
A.B. (Xavier University);
M.B.A. (University of Cincinnati)

Bonnie Jeanne Weaver, Chillicothe
B.A.

Margaret Luane Weissbrod, Cleveland Heights
B.A. (College of Wooster)

Gary Steven Welbaum, Massillon
B.S. (Ohio Northern University)

Roger Wertheimer, Beachwood
B.S. (Cornell University)

Michele Hilden Willard, Marietta
B.A. (Emmanuel College);
M.A., Ph.D. (Clark University)

Camille Elaine Willis, Chicago, IL
B.S. (University of Illinois)

Sarah Jane Wilson, Montpelier
B.A. (Wittenberg University)

Robert John Winston, Mansfield
B.A.

Ronald Dean Wright, Sabena
B.S. (Ohio Northern University)

Martin T. Wymer, Ravenna
B.A. (University of Cincinnati)

David Lynn Yaussy, Ontario
B.A. (Otterbein College)

Dale Richard Yurovich, Lorain
B.A.

Marcia M. Zand, Columbus
B.A. (Amherst College)

Iwona Nelli Zimnochow, Cleveland
B.A. (Indiana University-Bloomington)

College of Medicine

Dean: Manuel Tzagournis, M.D.

Doctor of Medicine

Paul John Ackerman, Toledo
B.A. (University of Toledo)

Keith James Alexander, Pemberville
B.S.

James Norman Allen, Jr., Columbus
B.A. (Miami University)

Dana Patrick Anderson, Westerville
B.A. (Miami University)

Anthony Raymond Arn, Centerville
B.A. (Miami University)

Rebecca Anne Baker, Chagrin Falls
B.A. (Hampshire College)

Susan Matilda Ball, Granville
B.A. (Bryn Mawr College)

Michael Scott Barg, Cincinnati
B.S. (University of Cincinnati)

John Battaglia, Cleveland
B.A. (Pomona College)

Gregory John Beck, Reading
B.S.

Timothy Scott Benadum, Westerville
B.A. (Denison University)

Larry Alan Binkovitz, Granville
B.A. (Capital University)

Michael John Blake, Grove City
B.S.

Mitchell David Botney, Columbus
B.S. (University of Michigan)

Brian Lance Bowyer, Toledo
B.S. (University of Michigan)

Carol Joanne Braun, Cincinnati
B.S. Pharm.

Laura Ann Brill, Broadview Heights
B.S. (University of Michigan)

Mark Olson Brown, Columbus
B.A. (Wittenberg University)

Brian Scott Brunck, Cincinnati
B.S. (University of Cincinnati)

Barbara Lynne Bunn, Springfield
B.S. (University of Toledo)

John Stanley Burnham, Mayfield Village
A.B. (Miami University)

Gary Dean Burton, Marion
O.D., M.S.

Howard Scott Cahn, Beachwood
B.S. (Duke University)

Patrick Cairns Carey, Lakewood
B.A. (Case Western Reserve University)

Roger Blake Chaffee, Sharon Center
B.S. (Ohio Wesleyan University)

Vijay Prem Chandhani, Toledo
A.B. (University of Chicago)

Patrick Alan Cleary, Fort Wayne, IN
A.B. (Indiana University);
M.A. (Ball State University);
Ph.D.

Gary Arthur Cobb, Washington, Court House
B.S. (Bob Jones University);
M.S. (Wright State University)

Michael Thomas Coccia, Wooster
B.S. (Kent State University)

Linda E. Coleman-Batties, Toledo
B.A. (Indiana University)

Robert Ray Coll, Ravenna

Chris Ann Conway, Chagrin Falls
B.S. (University of Wisconsin-Madison)

Kevin Lee Cooper, Warren
B.S. (Youngstown State University)

Robert David Cooper, Bay Village
B.S. (University of Toledo)

Stephen Jeffrey Copeland, Columbus
B.S. (Ohio Wesleyan University)
M.A.

George Sarkis Coury, Canton
B.S.

Christine Marie Cox, Massillon
B.A. (Goucher College)

Jeffrey Matthew Cox, Cincinnati
B.S. (University of Cincinnati)

Robert B. Cucinotta, Cincinnati
B.A. (Earlham College)

Gary Myron Davis, Zanesville
B.S. (Muskingum College)

James Albert Day, Cincinnati
B.S. (Edgewood College)

Mark Emil DeMichieil, Crestline
B.S. (University of Cincinnati)

Margorie A. DeMund, Akron
B.S. (University of Akron)

George Anthony DeSilvester, Lorain
B.A. (University of Toledo)

Steven Jeff Deutch, Cincinnati
B.A. (Brandeis University)

Yuri Antin Deychakivsky, Cleveland
B.S., M.S. (Case Western Reserve University)

Cynthia Louise Deyling, Independence
B.S.

Steven Richard Ditto, Elda
B.S. (Bowling Green State University)

Susan Lynne Einsele, Columbus
B.S.

Thomas James Elson, Canton
B.S. (Kent State University)

Mark Alan Evans, Richwood
B.A. (Ohio Northern University)

Mary Ann Everhart, Columbus
B.A. (Otterbein College);
M.S. (Southern Illinois University)

Douglas Keith Ewing, Columbus
B.S.

James Barry Fagan, Cleveland Heights
B.A. (Wesleyan University)

Ann Kathleen Ferris, Columbus
B.S. (University of Notre Dame)

Mark F. Fillingier, Columbus
B.S.M.E.

Paul Raymond Fleissner, Jr., Cincinnati
B.S. (Marquette University)

Eric Charles Flint, West Unity
B.S.

Thomas Robert Foster, Lakewood
B.S. (University of Southern California)

Philip Stanley Fox, Sunbury
B.S. (Wheaton College)

Robert Carroll Frere, Parma
B.S.;
M.S. (University of Michigan)

Bruce Furukawa, Parma
B.S.

John Alan Galat, Mansfield
B.S. (Miami University)

Doris Patricia Galle, Ashtabula
B.A. (Case Western Reserve University)

Craig William Goodhart, Columbus
B.A. (Colgate University)

Maryann Gordon, Toledo
B.S. (University of Toledo)

David Lee Groden, Cleveland
B.A. (Case Western Reserve University)

Vincent Lee Guinn, Cincinnati
B.A. (Oberlin College)

Carl Edward Hardy, Salem
B.S. Ph.D.

Wesley James Harnish, Port Clinton
B.S. (Baldwin-Wallace College)

Jesse David Harris, Byhalia
B.S.

Steven Edward Haun, Smithville
B.A. (Taylor University)

David Don Hess, Cincinnati
B.A. (University of Cincinnati)

Daniel Crede Hiestand, Old Fort
B.A. (The College of Wooster)

Jeffery B. Hillbrand, Cincinnati
B.S.

Douglas Charles Hingsbergen, Hamilton
B.A. (St. Louis University)

Jeffrey Allen Houck, Kettering
B.A. (Miami University)

Douglas Dean Hunter, Beverly
B.S.

Susan Kugel Johnson, Canton
B.S.

Vicki Lynne Johnston, Cleveland Heights
B.A. (Case Western Reserve University)

Susan Lynn Jolly, Lisbon
B.A. (The College of Wooster)

Jerry Jones III, Akron
B.A. (Northwestern University)

Richard Douglas Just, Rootstown
B.A. (University of Akron)

Robert E. Kasper, Cleveland
B.S. (John Carroll University)

William Mickey Kaylor, Jr., Lakewood
A.B. (Bowdoin College)

Stephen Louis Kebe, Euclid
B.S. (University of Dayton)

Deborah Diane Kees, Johnstown
B.A. (Dartmouth College)

Kelly James Kelleher, Alliance
B.S.

George John Kellis, Steubenville
B.S. (Bethany College)

Cynthia S. Kelly, Poland
B.A. (Gustavus Adolphus College)

James Jude Kettinger, Toledo
B.A. (Miami University)

Joseph R.C. Kiernan, Pepper Pike
B.A. (Hampshire College)

Wayne Michael Kohan, Hilliard
B.A. (Northwestern University)

James George Kotsanos, Columbus
B.S.

Marcia Ann Krause, Upper Arlington
B.S.

Sandra Evelyn Lane, Columbus
B.A. (Kenyon College)

Diane Marie Lanese, Wickliffe
B.A. (Case Western Reserve University)

Antoinette L. LaValley, Toledo
B.S., M.S.

David Thomas Lee, Dayton
B.S.Ch.E. (University of Cincinnati)

Jeffrey Michael Leising, Dayton
B.S. (Wright State University)

Jeffrey D. Lieberman, Canton
B.S.

Kaye Ann Linke, Genoa
B.S.

Joseph George Lutz, Jr., Cincinnati
B.S. (University of Cincinnati)

Deborah Joanne Lynn, Columbus
B.A. (Amherst College)

Nicholas Jay Lynn, Potomac, MD
B.S. (The University of the South)

Sahba Entessari Ma'ani, Columbus
B.S.

Donald Owen Mack, Spencerville
A.B. (Miami University)

Amy Martin, Toledo
B.S. (John Carroll University)

Scott John Massa, Cincinnati
B.S. (Xavier University)

Thomas Frederick Mauger, Westerville
O.D., M.S.

William Joseph Maunelt, Cincinnati
B.S. (Edgecliff College)

Kevin Joseph McCabe, Cincinnati
B.A. (University of Cincinnati)

Robert Peter McCabe, Jr., Galion
B.A. (Denison University)

Derrick Durand McElroy, Beavercreek
B.S.

Daniel John McLaughlin, Fairview Park
B.S. (Florida State University)

Patrick Kelly McNamara, Upper Arlington
B.S.

Daniel P. Melaragno, Columbus
B.A. (Capital University)

Robert Newcomb Merrill, Cincinnati
B.S.

Bruce Alan Merwin, Columbus
B.S.

Michael James Miller, Cincinnati
B.A. (Miami University)

Michael Jay Miller, Beachwood
B.A. (Washington University)

Joseph Minarchek, Delaware
B.A. (Miami University)

Irene Renee Mirkin, Youngstown
B.S.

Susan Louisa Montauk, Columbus
B.S. (University of Cincinnati)

Robert William Moore, Dayton
B.S. (Wright State University)

Jay Kevin Morgan, Columbus
B.A.

Steven Joel Morgenstern, Columbus
B.A. (Boston University)

William J. Morris, Dayton
B.S.;
M.S. (University of Dayton)

Joseph Stanley Moss, Jr., Boardman
B.A. (Case Western Reserve University)

Robert David Mosteller, Cuyahoga Falls
B.S. (Wheaton College)

Amanda Muench Rauck, Miamisburg
B.S.

Douglas Alan Myers, Frazeesburg
B.S.

Paul Edward Myers, Solon
B.S.E.E., M.S.E.E. (Purdue University)

Brett Joseph Needham, Muskegon, MI
B.S. (University of Cincinnati)

Don Jerry Nishiguchi, San Diego, CA
B.S. (University of Southern California)

Molly Jane Norris, Grove City
B.S.

A. Michael Novena, Columbus
B.S.

David William O'Neill, University Heights
B.A. (Cornell University)

Gregory Allen Ornella, Cincinnati
B.S. (Xavier University)

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B.S. (University of Notre Dame)

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B.A. (The College of Wooster)

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B.S.

Keith Allen Perrine, Dayton
B.S. (Wright State University)

William Theodore Peruzzi, Cleveland
B.S., M.S. (John Carroll University)

Theodore Michael Petkov, Cincinnati
B.A. (Vanderbilt University)

Robert Richard Pfaltzgraf, Cincinnati
B.A. (Wittenberg University)

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B.A. (Miami University)

Thomas Edwin Phelps, New Canaan, CT
B.S. (University of Notre Dame)

Mark John Piacentini, Columbus
B.S.

Ina Fogos, Columbus
B.S.

Richard Michael Polder, Parma
B.S.

Andrew Gregory Poulos, Warren
B.S. (Ohio University)

Cynthia Lee Putinski, Cleveland
B.A. (Case Western Reserve University)

Christopher John Ouiligan, Columbus
B.S. (University of Southern California)

Charles Riley Rauck, Grove City
B.S.

Linda Louise Reilman, Cincinnati
B.S.

Mark Allison Ringle, Columbus
B.A. (Otterbein College)

Kathleen Marie Rogers, Fostoria
B.S.

Ricardo R. Romero, Tucson, AZ
B.S. (University of California-Davis)

Bernard Joseph Rose III, Kettering
B.S. (University of Dayton)

Lisa Stein Rosen, Cincinnati
A.B. (Bryn Mawr College)

Jack Michael Rosenberg, Wyoming
B.A. (Johns Hopkins University)

Alan Robert Sacotick, Youngstown
B.S. (University of Cincinnati)

Jack Takashi Sakai
B.S. (University of Hawaii)

Gregory L. Salzman, Columbus
B.S.

Marc Godfrey Schlatter, Toledo
B.S. (Indiana University)

Carl Thomas Schleich, Hilliard
B.S. (Denison University)

Dana Joseph Schultz, Cincinnati
B.S. (Bowling Green State University)

Michael Earl Scovner, Columbus
B.A. (Dartmouth College)

Ramsey Steir, Lorain
B.A. (Case Western Reserve University)

Jeffrey Fain Shall, Toledo
B.S.

Philip Eugene Short, Pettisville
B.A. (Goshen College)

Jeffrey Vass Smith, Bay Village
B.A. (Duke University)

Lawrence William Smith, Columbus
B.S.

Scott Brian Smith, Zanesville
B.A. (Ohio Northern University)

Stephen Scott Snedden, Sandusky
B.A.

Robert Alan Starr, Youngstown
B.S. (Youngstown State University)

Mark Allyn Stiff, Akron
B.S. (University of Akron)

Beverly Ann Stoops, Wabash
B.A. (Wheaton College)

Eric Cameron Strain, Chagrin Falls
B.A. (Amherst College)

James Michael Sudmack, Warren
B.S.

Edward Lewis Tremoulis, Alliance
A.B. (Miami University)

Steven Alan Turner, Montreal, Quebec
B.A. (Miami University)

Rudolph Jesse Vela, Westlake
B.S. (John Carroll University)

J. Michael Vento, Parma
B.S. (Case Western Reserve University)

Thomas Richard Vetter, Akron
A.B. (Oberlin College)

Stephen Joseph Voto, Bergenfield, N.J.
B.S. (University of Cincinnati)

Kim J. Wajda, Cortland
B.S. (Youngstown State University)

Daniel J. Wendorff, Euclid
B.S., M.S. (Cleveland State University)

Charles Edward Werner, Jr., Chillicothe
B.S.

Cynthia Jane White, Middleburg Heights
B.S.

Stephen William Wilde, Harvey, IL
B.S., M.S. (Southern Illinois University);
M.S. (Wright State University)

Susanna Spencer Wilkens, Toledo
B.S.

Brenda Anne Williams, Tiffin
B.S. (University of Minnesota)

Marc Semyan Williams, Youngstown
B.S. (Youngstown State University)

Jeffrey Craig Wilson, Masury
B.S. (Lynchburg College)

Ruth Rifka Winter, Columbus
B.A.

Margaret Ann Word, Cincinnati
B.S. (Duke University)

Francis McGill Wright, Dayton
B.S. (Wright State University)

James R. Wright, Jr., Columbus
B.S., M.S.

Timothy John Wynn, Mansfield
B.S. (Marietta College)

Warren Kyle Yamarick, Circleville
B.A. (Denison University)

Randall Scott Yessenow, Lima
B.S. (Case Western Reserve University)

School of Allied Medical Professions

Bachelor of Science in Allied Health Professions

Cathy Marcia Adler, Toledo
Delores Corinne Armotrading, St. Thomas, Virgin
Islands

Ann Armstrong-Tamanini, Columbus

Karen Lynne Bahan, Springfield

Jean Ann Baker, Sylvania

Carrie Louise Bannasch, Springfield

Joyce Ann Barlage, Miller City

Mary M. Barrett, Knox, PA

Bobbie Lou Bates, Warren

Kelly Deanne Bennett, Mechanicsburg

Suzanne Lynn Berya, Parma

Steven Ray Bitticker, New Philadelphia

Christine Bolish, Tiffin

Nancy Jane Bollenbacher, Marion

Michele Ann Boiocanoff, Euclid

Susan Marie Borck, Wauseon

Brian James Brickner, Tiffin

Linda Kathleen Bruns, Yorkshire

Renee Marie Bucci, Youngstown

Kelly Marie Busby, Cincinnati
 Pamela Fitch Campbell, Marion
 Lori Jean Capron, Attleboro, MA
 Christine Marie Chandler, Upper Sandusky
 Jacqueline J. Chapman, Dayton
 Steven Ping Chin, Columbus
 Magdalene Justin Chruski, Lorain
 Ronald S. Chung, Ravenna
 Christine Marie Ciancone, Warren
 Daniel Joseph Cipriani, Toledo
 Sandra Lynn Claar, Chillicothe
 Rebecca Jane Clarke, Morrow
 Kathleen Ann Connelly, Lakewood
 Peggy Lee Conner, Olmsted Falls
 Carol Yvonne Cook, Pittsburgh, PA
 Anita Joan Cox, Columbus
 Cydney Renee Craig, Mt. Vernon
 Lawrence Michael Cugino, Niles
 Verna Marie Curry, Youngstown
 Sandra Eileen Daniels, Pickerington
 Lisa Jane Daubenmire, Lancaster
 Michelle Elaine Decker, Dublin
 Tameia Jane DeShazo, Middletown
 Melanie Jane Ditzler, Brinkhaven
 Daniel Joseph Doogan, Cincinnati
 Deborah Ann Doty, Stow
 Mary Rachel Douglas, Pleasant City
 Paula Jo Downard, Irondale
 Elizabeth Irene Rubadue Downing, Columbus
 Jeffrey Lee Edmondson, Cleveland
 Donna Rae Ell, Cincinnati
 B.A. (University of Cincinnati)
 Barbara Lynn Ramsey Elliott, Columbus
 B.S. (Miami University, Oxford)
 Kallen Mary Fay, Dublin
 Julia Ann Fields, Lockbourne
 LeAnn Marie Fisher, Millbury
 Scott Louis Fisher, Tiffin
 Michelle Beck Fowler, Cortland
 Karen Estelle Frederick, East Liverpool
 Carla Ann Friend, Warren
 Carla Dawn Fulton, Marysville
 Aleta Maria Gardner, Columbus
 Joyce Ann Geib, Lakewood
 Kathy Marie Geier, Delphos
 Karla Sue Gerdeman, Delphos
 Marni Elizabeth Graham, Columbus
 Nancy Renée Haas, Marietta
 Susan Margaret Hagedorn, Monroeville, PA
 Christine Ann Hahn, Bellevue
 Julie Lynn Hallis, Parma
 Regina Ann Hampton, West Chester
 Vicki Jane Handmacher, Beavercreek
 Lisa Ann Harmon, Cincinnati
 Wendy Jones Hart, Wyoming
 Kay Lynn Hassig, Canton
 Michael William Hays, Reno, NV
 Judy Carol Higgins, New Albany
 Carole Marie Hlebovy, Youngstown
 Richard William Hohann, Cuyahoga Falls
 Karin Ellen Humpal, Solon
 Nancy Jo Huneck, Dublin
 Steven Leonard Hunter, Tiffin
 Humda Altaf Hussain, Columbus
 Eva Margarite James, Crestline
 Roberta Kathleene Jaycox, Caledonia
 Rebecca Ann Joehlin, Curtice
 Shelly Kay Johns, Hillsboro
 Melinda Anneve Johnson, Canton

Dolores June Jones, Galion
 Ronald Joseph Kaminski, Garfield Heights
 Connie Lambert Keller, Baltimore
 Terry Lynn Kempton, Chillicothe
 Terri Lynn Kister, Stow
 Jacqueline Marie Klepper, Sandusky
 Lynn Renee Knoepfle, Kettering
 Cynthia Marie Kopyar, Cambridge
 Julie Ann Larick, Findlay
 Ruth Ann Lay, West Mansfield
 Jane Cecilia Long, Willard
 Valerie Ladd Loudonback, Wooster
 Annette Marie Lowery, Fostoria
 Jolene Ann Lucius, Columbus
 Cynthia Marie Martin, Williamston, NC
 Desirée Martz, Cincinnati
 Suzanne Jean Materne, Dayton
 Kellen Lee Meadows, Zanesfield
 Karen Ann Mingus, Berlin Heights
 Marian Lee Morris, Upper Arlington
 Joan Lee Mucha, Painesville
 Robin Lou Nelson, Ashland
 Maureen Elizabeth Ann Nichols-Price, Maple Heights
 Connie Marie Nissen, Curtice
 Carolyn Louise Nye, Worthington
 Leslie Madaline Olson, Midland, TX
 Erin Leigh O'Neill, Seville
 Jean Evelyn Osborn, Johnston
 Joseph Stewart Oxley, Columbus
 Jeffrey Christopher Pabst, Canal Winchester
 Catherine Ward Marcum Patterson, Columbus
 Lois Ann Pauly, Dayton
 Lisa Ann Pearson, Parkersburg, WV
 Eva Petkac, Hinckley
 Shelley Denise Pigg, Columbus
 Jean Denise Pohl, Maria Stein
 Tina Annette Rains, Springboro
 Jera Lynn Ratliff, Lewisburg
 Jeannine Reese, Elida
 Donna Marie Richey, Lima
 John Edward Richey, Tiffin
 Stephanie Risteff, Springfield
 Suelien Rader Romick, McComb
 Patrice Rongone, Bedford
 Cynthia Scarbrough Ross, Wintersville
 Sharon Lee Rupert, Hudson
 Jo Ann Sabelli, Youngstown
 Suzanne Marie Sasso, North Canton
 Elizabeth Ann Schick, New London
 Molly Sue Schram, Massillon
 Margot Ann Schwendeman, Lancaster
 Mark Anthony Seidl, Waynesville
 Rebecca Jane Seng, Dover
 Toni Ann Storza, Newark
 Lisa Anne Shoemaker, North Royalton
 Elizabeth Allen Shuttleworth, Columbus
 B.S. Agr.
 Karen Diane Speers, Langhorne, PA
 Tammy Sue Stamper, Lucas
 Charles Richard Stein, Jr., Clyde
 Marion Goertzel Stern, Bexley
 B.A. (Wellesley, MA).
 Ph.D. (University of Pennsylvania Philadelphia, PA)
 Jeffrey Wade Stevenson, Marion
 Judith Gay Stewart, Madison
 James Stoshak, Columbus
 B.A.
 Leslie Ann Stout, Utica

Mark Lawrence Stram, Toledo
 Beth Charlotte Strasshofer, Lyndhurst
 Anita Hammar Studer, South Euclid
 Sharon Lottie Synk, Euclid
 Maurine Lea Tate, Northfield
 Dianna Dawn Tavtigin, Swanton
 Terri Ann Toerner, Hamilton
 Cheryl Ann Toman, Medina
 Eric Henry Tomasetti, Wooster
 Patricia Jean Toth, Norton
 Anne Marie Trepanier, Rocky River
 Michael Charles Troike, Sandusky
 Jennifer Lynn Valko, Columbus
 Karen Ann Van Velsom, Canal Fulton
 Lisa Marie Ventresca, Akron
 Kenneth Patrick Vieth, Lebanon
 Jonathan Leslie Warner, St. Marys
 B.A. (Miami University, Oxford)
 Michele Marie Wasielewski, Cincinnati
 Ann Watson, Lorain
 Mark Donald Weber, Oxford
 Lisa Ann Welsh, Kettering
 Carol Jane Whicker, Columbus
 Sandra Kay Will, St. Henry
 Susan Joy Wolff, Xenia
 Jacqueline Kim Woo, Willowick
 Ellen Bernice Worley, Akron
 B.S. (Kent State University)
 Lucy Kathryn Yochman, Cincinnati

Certificate of Post Baccalaureate Circulation Technologist

Cheryl Lynn Cook, Weirton, WV
 B.S.

The College of Nursing

Acting Dean: Kathryn T. Schoen

Bachelor of Science in Nursing

Maureen Frances Abram, Youngstown
 Cheryl Marie Andreas, Marysville
 Mary Catherine Andrews, N. Canton
 Nancy Arko, Kirtland
 Susan Renee Arnos, Defiance
 Carol Lynn Bartley, Chagrin Falls
 Marianna Bedway, Wheeling, WV
 Amy Joyce Belock, Cincinnati
 Amy Katrina Benedict, Westerville
 Joan Marie Berger, Columbus
 Carolyn Lee Berry, Portsmouth
 Diane Marie Bizzarri, Akron
 Marjorie Theresa Blake, Cleveland
 Michelle Denise Blankenship, Cincinnati
 Julie Ann Blauemeiser, Canton
 Wynette Jacqueline Bloom, Kenton
 Lisa Ann Boccabella, Bellaire
 Rebekah Sue Boone, Bellville
 Karen Ann Brennan, Columbus
 Rebecca Ellen Brooks, Columbus
 Pamela Lynn Bross, Cincinnati
 Beth Marie Bryk, North Royalton
 Darlene Marie Buckingham, Willard
 Marie Colleen Burch, Whitehall
 Lisa Diane Burkhart, Woodsfield

Linda L. Cain, Circleville
 Leslie Anne Caldwell, Shadyside
 Diane Nelson Carlisle, Bay Village
 Teresa Gene Carpenter, Belpre
 Mary Ellen Champion, Metamora
 Nancy M. Chen, Columbus
 Carol Ruth Christianson, Mason
 Mary Jo Cipkala, Youngstown
 Debra Lynn Clark, Columbus
 Vivian Denise Clay, Ironton
 Elaine Susan Cohen, Akron
 Karen Sue Collins, Avon Lake
 Lisa Anne Conley, Cape May Courthouse, NJ
 Candace Michele Cooperider, Thornville
 Brenda Lee Couch, Steubenville
 Kathryn Joyce Crowell, Forest Park
 Kimberly Gayer Cyphert, Columbus
 Judith Elizabeth Dahl, Atlanta, GA
 Christine Jane Daniels, Columbus
 Joan M. Dickinson, Broadview Heights
 Cheryl Jane Dickson, North Olmsted
 Tina Marie DiFilippo, Steubenville
 Lynette M. Dobyns, Columbus
 Janet Aebi Donoso, Alliance
 Diane Kay Dornbusch, Columbus
 Doreen Lynn Ellis, Winterville
 Karen A. Enneking, Minster
 John Richard Ewing, Columbus
 Victoria Gale Fanning, Springfield
 Linda Dawes Farrell, Columbus
 Suzanne Marie Firalio, Bay Village
 Denise Diane Fischer, Pickerington
 Laura Renee Fleig, Dayton
 Ann Regina Flinn, Columbus
 Deidre Rae Foglesong, Stow
 Jill Elizabeth Foley, Cleveland
 John Stephen Foor, Columbus
 Denise Coleman Franklin, Philadelphia, PA
 Bernadette M. Gallagher, Akron
 Lori Ann Gaus, Wheelersburg
 Patricia Marie Gavanditti, Solon
 Colleen Sue Gavin, Maumee
 Sonya Kay George, Thornville
 Mary Anne Gerken, New Bavaria
 Suzanne Germann, New Vienna
 Amy Margaret Gifford, Laconia, NH
 Patricia Lynn Giogliotti, Vermilion
 Julia Elizabeth Gingerich, Cleveland
 Judy A. Graves, Circleville
 Julie Ann Gray, Sylvania
 Susan Robin Green, Philadelphia, PA
 Jennifer Lynn Greenhalgh, Columbus
 Christine Margareta Haley, Glenford
 Teri Louise Heisel, Columbus
 Karen Elaine Henry, St. Clairsville
 Judith Juillerat Henson, Hillsboro & Leesburg
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 Tamara Marie Hollingsworth, Akron
 Pamela Lee Horn, Columbus
 Elizabeth Ann Hoyt, Chillicothe
 Betty Jean Hriesik, Mansfield
 Therese Marie Huerkamp, Cincinnati
 Janet Suk-Fong Huie, Columbus
 Jennifer Jo Jones, Canfield
 Jeanne Marie Kaiser, Columbus
 Jennifer Tracy Kelley, Centerville
 Barbara Eileen Kern, Homeworth
 Lynn Joseph King, Westerville
 Christine Marlene Klump, Independence

Charlene Gayer Kurtz, Middletown
 Leslie Kay Risner Laird, Marysville
 Eric Adam Lasure, Bellaire
 Sarah Anne Laux, Elyria
 Deanna Lynn Leber, Perrysburg
 Elizabeth Andrea Lee, Indian Shores, FL
 Judith Carol Lee, Mansfield
 Virginia Ruth Lisle, Columbus
 Karen R. Lockett, Wadsworth
 Tammie Joan Love, Shelby
 Kimberly Sue Lower, Milledgeville, IL
 Ann Catherine Lowry, Dayton
 Vanessa Marie McCall, Cleveland
 Katherine Mary McClure, Cincinnati
 Jodi Ann McCormick, Rocky River
 Donna Marie McGivern, Youngstown
 Martha Ellen McKinley, Kenton
 Judy Ann McLaughlin, Urbana
 Lesley Ann McPeck, Newark
 Russell Hugh McVicker, Cincinnati
 Wanda Jean Maschhari, Sandusky
 Nancki S. Michel, Cincinnati
 Anne Helen Mihelich, Strongsville
 Janet Aileen Mikkila, Fairview Park
 Cheryl Ann Miller, Green Springs
 Jeanne Elizabeth Minard, Berwyn, PA
 Linda Marie Mizer, Cambridge
 Kathy Lynn Morrison, Columbus
 Lisa Ann Musacchia, Cleveland
 Susan Holman Neal, Galloway
 Paula Ann Nickles, Wakeman
 John S. Noble, Columbus
 Molly Judith O'Connor, Worthington
 Suzy Dawn Olin, Garrettsville
 Lester Lynn Orweller, Delaware
 Anna Kathryn Palmer, Bridgeport
 Susan Michelle Paquette, Columbus
 Janene Marie Paris, Boardman
 Kimberly Sue Parker, McCutchenville
 Patricia J. Parks, Columbus
 James Edward Pearl, Bucyrus
 Susan Marie Peoples, Columbus
 Vickie Sue Perelman, Youngstown
 Jody Susan Peterseim, Lancaster
 Brenda Lee Pfeiffer, Columbus
 Catherine Ann Poling, Columbus
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 Jennifer Loren Rand, Cincinnati
 Laura Louise Rathbun, Winterville
 Kathy Sue Reeves, London
 Deanna Sue Renick, Bellefontaine
 Janis Lynn Riepenhoff, Lima
 Leslie Howe Robinson, Akron
 Pamela Sue Russell, Stow
 Mary Ann Rybski, Columbus
 Sarah Ann Schaffer, Wadsworth
 Leslie Sue Sheppard, Delaware
 Valerie Jean Shetler, Perry
 Deborah Anne Smercansky, Poland
 Karen Marie Smith, Cleveland Heights
 Sonia Marie Smith, Lima
 Sue Michael Smith, Sr., Mansfield
 Karen Marie Sorg, Findlay
 Kristina Lee Spar, Ada
 Tamison Kelsey Strong, Meriden, NH
 Laura Lynn Swartz, Berea
 Stella Grace Tagulam, Beaver Creek
 Leslie Ann Taylor, New Matamoras

Margaret Lee Taylor, Columbus
 Mary Elizabeth Thornton, Vandalia
 Susan Brooke Toy, Springfield
 Leslie Ann Vargo, St. Clairsville
 Vivian Eise von Gruenigen, Kettering
 Mary Margaret Wahl, Canfield
 Kimberly Ann Walker, Madison
 Anne Dudley Warren, Columbus
 Theresa Ann Weirich, Massillon
 Edward John Weisenberger, Tiffin
 Gay Lea Weller, Willard
 Jane Sue Wentworth, Bellbrook
 Victoria Linn Wheaton, Mansfield
 Sandra Marie Wigen, Columbus
 Darci Lynne Wilcox, Ravenna
 Brenda Lee Willis, Reynoldsburg
 Leanne Marie Wilson, Newbury
 Carl Taylor Wise, Columbus
 Jeanne Lynn (Presley) Wise, Columbus
 Annette Lynn Wisniewski, Greenville, PA
 Nora Ann Wunderle, Ravenna
 Denise Marie Wurth, Kalida
 Gail Ann Wych, Brecksville
 Jennifer Lee Yerkey, Mansfield
 Karen Mardelle Yuhas, Delaware
 Lisa Martha Zerull, Cincinnati
 Robert Paul Zhun, Shaker Heights

College of Optometry

Dean: Frederick W. Hebbard

Doctor of Optometry

Giselle Amsterdam, Cleveland Heights

Laurie Elizabeth Andrews, North Olmsted

Joseph Michael Bannon, Shadyside
 B.S., B.S.

John Eugene Bateman, South Sioux City, NE
 B.S. [University of Nebraska] B.S.

James Kevin Berry, Defiance

Steven Edward Bilon, Lima
 B.S.

Randall Hays Blevins, Middletown
 B.S. [Eastern Kentucky University]

William Edwin Boshinski, Englewood
 B.S. [Wright State]

Carole R. Burns, Chardon

Thomas Joseph Chambers, Tiffin

Mariann DiFrank, Toledo B.S.

Daniel Richard Eckermann, Millbury

Gregory Allen Fair, Genoa

Roger F. Filips, Spencer, NE

Janine L. Flood, Dundee

Michael B. Fogarty, Springfield

Paul Gregory Forsyth, Jackson

Daniel Gunn Fuller, Elyria
 B.S. [Purdue University]

Gregory Joseph Gallagher, Canfield
B.S.

Robert James Gerdes, Conneaut
B.S.

Alan Young Gillogly, Grove City

Steven Arthur Glassman, Cincinnati
B.A., B.S. (University of Cincinnati)

Richard Henry Goelner, Concord Township

Michael Willard Gordon, Rochester, MN
B.S. (St. Cloud State)

Thomas W. Grange, Grand Island, NE

Sanford Mark Gross, Shaker Heights

Mary Lynne Gulling, Louisville

Susan Nancy Haldeman, Broadview Heights

Alan Scott Hecht, Faribault, MN
B.A. (Luther College)

Jean Skoog Heisman, Hillsboro
B.S.

David H. Hettler, Lorain
B.S.

Gregory Willard Hicks, Tiffin

John Paul Hlavaty, Maple Heights

Greg Noel Hogan, Omaha, NE

Richard Allen Kershaw, Kirtland
B.S., M.S., Ph.D.

Daniel James Koch, Tallmadge

Susan Ann Kurland, Beachwood
B.A. (St. Louis University, Washington D.C.)

William John Lapple, Rochester, N.Y.
B.S.

Jeffrey Stephen Larson, New Brighton, MN
B.S. (University of Minnesota)

Martin David Levitin, Columbus
B.S.

William R. McLaughlin, Columbus

Jeffrey Allen Myers, Groveport
B.A. (Otterbein); B.S.

Timothy W. O'Leary, Zanesville

Lance Neil Olson, Binford, N.D.

Marcy Rose, Chagrin Falls
B.S.

Lawrence Jay Roth, Akron

Cheryl Shaw Runkle, Wapakoneta
B.A. (DePauw University)

Scott Hamilton Seipel, Steubenville

Steven Alexander Shadwick, Newark
B.A. (Miami); B.S.

Brian Ray Stahl, Beavercreek

Jeffrey Van Swearingen, Portsmouth
B.S.

Susan McGinnis Truitt, Ashland

Bruce Alan Vasiloff, Barberton

William Kirk Vincett, Jr., Pittsburgh, PA

David William Wineiland, Athens
B.S. (Ohio University)

Ruth Ann Winkler, Upper Sandusky
B.S. (Bowling Green)

Duane Leslie Wires, Columbus

Sarah Warne Yost, Westerville

David N. Zeuch, Bay Village
B.A. (Otterbein)

College of Pharmacy

Dean: Albert H. Soloway

Bachelor of Science in Pharmacy

Kathryn Ann Alinkas, Grove City

Karen Diann Anderson, Hannibal

Blair Lynn Basye, McComb

Monica Elizabeth Bednar, Youngstown

Donna Jean Bender, Fort Loraming

Robert Craig Boldry, Barberton

Angela Renee Brookhart, Celina

Daniel William Chaneske, Columbus

Amy Joyce Cuneo, Powell

Kathryn Annette Davids, Columbus

Richard Douglas Dembski, West Jefferson

Sandra Louise Dierring, Defiance

Colleen Brigit Duggan, Columbus

Richard Lee Emery, Bellevue

Cheryl Cuihane Esser, Powell

Beverly Ann Fair, Millersburg

Dorothy Mara Farber, Columbus

Carl Roger Fleser, Waverly

Thomas John Fortunato, Jr., Poland

Edward John Fromm III, Poland

Henri Louis Goulet, Columbus

Laura Elaine Hall, Columbus

Molly Ann Harris, Canton

Patricia Anne Hehemann, Cincinnati

Julia Anne Hessler, Columbus

Ron Michael Johnson, Wheelersburg

David Patrick Keenan, Barberton

William Cephas Kelley III, Ashland

Lori Jean Kratz, Massillon

Bertha Hotosis Krickenbarger, Bellaire

Terry Len Laurila, Ashtabula

Timothy Scott MacTaggart, Elyria

Mark Alan Manfresca, Steubenville

Jane Lynn Matre, Seven Mile

Mary Elaine McCabe, Galloway

Susan Ruth McIlvaine, Wooster

Gene Gavin Metz, Painesville

Gary Duane Monte, Lakewood

Meredith Fidencia Muizenberg, Curacao,
Netherlands Antilles

Claudia Ann Ongaro, Gahanna

Barbara Susan Orlosky, Vienna

David Alan Palusak, Cambell

Carol Ann Pamer, Barberton

Laurie Elizabeth Penman, Wintersville

Steven Paul Petrozzi, St. Clairsville

John James Ragaji, Norton

David Michael Rebeck, Akron

Douglas G. Reed, Niagara Falls, NY

Stephen Joseph Rinderle, St. Henry

Steven Charles Rinehart, Sidney

Steven William Rings, Montpelier

Steven Robert Rudner, Canton

James Fredrick Rundo, Reading
Joann C. Scanlon, Medina

Bruce Patrick Schaffner II, Pickerington

Paula Ann Schneble, Kettering

Robert J. Schotzinger, Tallmadge

Janet Elaine Senek, Warren

Brenton Curtis Sorrell, Vandalia

James Anthony Sterchele, Vineland, NJ

Gregory James Stricklen, Norton

Theresa Renee Strong, Niles

Karen Ann Sweeney, Mansfield

Marianne Lee Welsh, Athens

Susan Jane Wernersbach, Dayton

Joseph Charles Zimovan, Jr., Maple Heights

College of Social Work

Dean: Richard E. Boettcher

Bachelor of Science in Social Welfare

Nancy Jane Adams, LaGrange, IL

Veronica Lee Adamski, Conneaut

Linda Ann Bahm, Richmond Heights

Carol Ann Baird, Richmond Heights

Merle Lynn Bennett, Akron

Carol Jean Blankenship, Columbus

Cynthia Lisa Bliss, Cincinnati

Terry J. Blum Haas, Galion

Dana Michael Bourne, Littleton, MA

Jane Louise Bowshier, Columbus

Sonia Denise Chadwell, Beallsville

Linda Sue Cohen, Toledo

Deborah L. Craig, Toledo

Jennifer Ann Crone, Berea

Abraham Cruz, Lorain

Pamela Ann Culp, Centerville

Janice Ann Denney, Ashland, KY

Margaret Louise DePue, Amesville

Rebecca Lynn Dunham, Corvallis, OR

Judith Ann Ellis, New Carlisle

Joan Marie Englund, Beaver Creek

Laura Sue Evans, Utica

Mary Therese Farrell, Elyria

Stephanie Ellen Flagel, Dayton

Margaret Ann Gartrell, Pleasantville

Susan Marie Green, Maumee

Kirsten Mignon Hanson, Columbus

Lori Ann Harmon, Columbus

Robert Milton Hoeffelfinger, Columbus

Kelly Ann Hensel, Marion

Deborah M. Herzberger, Lakewood

Eileen Ostrander Hill, Dublin

Kimberly Denise Irwin, Sylvania

Jacqueline Sue Judy, Warren

Amy Michelle Kalk, Beachwood

Bernadette Marie Kerrigan, Cleveland Heights

Barbara Ellen Lantz, St. Clairsville

Andrew Loeffler, San Antonio, TX

Joseph Thomas Lohn, Berea

Pamela Marie Love, St. Clairsville

Patricia Marie Mallory, Tallmadge

Ester R. Mauricio, Reynoldsburg
 Leila Ann McCue, Wyoming
 Judy Lynn Meiron, University Heights
 Janet Eileen Meredith, Lima
 Nessa K. Miller, Columbus
 Robin Lynn Miller, Brooklyn
 Joseph Douglas Minarik, Cleveland
 Virginia Anne Minor, Cleveland Heights
 Mary Ann Mougey, Toledo
 Kristen Lee Melin Myeroff, South Euclid
 William L. Newton, West Jefferson
 Peggy Ellen Parker, Columbus
 Jay Brian Patterson, Marion
 Cheryl A. Perkins, Erie, PA
 Therese Ann Plavac, Eastlake
 Peggy Ann Rankin, Columbus
 Lisa Ann Reed, Madison
 Brenda Gay Rice, Mansfield
 Diane Carol Riddle, Toronto
 Fara Yvonne Ring, Marion
 Diana Elaine Riseling, Columbus
 Naomi Rebecca Rothschild, Columbus
 Valerie Ann Samblanet, Louisville
 Marci Lyn Schlessel, Mayfield Heights
 Carol Anne Schubert, Elyria
 Anne Veronica Sexton, Cincinnati
 Nancy Jo Smith, Alexandria, VA
 Eric A. Snyder, Canfield
 Gayle Leslie Stone, South Euclid
 Bethany Ann Thomas, Gallipolis
 LeTonda MarcheLe Thompson, Washington Court
 House
 Lori Ann Turanchik, Pleasant City
 Lisa Ann Webster, San Bernardino, CA
 Karen Lynn Werth, Troy

College of Veterinary Medicine

Dean: Ronald A. Wright

Doctor of Veterinary Medicine

Thomas Gregory Ahlers, Dayton
 B.S. (Wright State)
 Randall Cariton Alger, Mantua
 B.S.
 Kent Anderson, Braintree, MA
 B.S. (Springfield College)
 Cynthia Ann Arledge, Columbus
 B.S. (Virginia Polytechnic Inst. & State Univ.)
 Diana Elaine Beam, Wilmington
 B.S.
 Viki Kay Beckham, Cincinnati
 B.S. (University of Cincinnati)
 Daniel Page Berbert, Silver Spring, MD
 Dino Michele Bradley, Cincinnati
 B.S. (Bennett College)
 Robert Renwyck Breneman, Orvillie
 B.S.
 Kevin Victor Britt, Montgomery

Ann Kimberly Burkhalter, Columbus
 B.S.
 Marian Morris Burns, Columbus
 B.A. (Smith College)
 Kevin Patrick Byrne, Columbus
 B.S.
 Neal Thomas Campbell, Dayton
 Sandra Kay Carpenter, Mt. Gilead
 B.S.
 Leslie G. Carr, Dayton
 B.S.
 Linda Stevelt Carstensen, Marysville
 B.S.
 Colleen Kam-Mee Chang, Kaneohe, HI
 B.S. (Marquette University)
 David Francis Chaplin, Dracut, MA
 B.S. (University of Massachusetts)
 Laurie Beth Cook, Potomac, MD
 Kathleen Marie Corcoran, Brook Park
 B.A. (Walsh College)
 Perry Scott Crowl, Westminster, MD
 Claudia Lucille Danforth, Chardon
 B.A. (Cornell University)
 John Wilson Daugherty, Columbus
 B.S.
 Lemuel DelValle, Rio Piedras, P.R.
 B.S. (University of Puerto Rico)
 Linda Budrewicz Detwiler, Englishtown, NJ
 B.S. (Delaware Valley College)
 Stacey Mae DiMaria, Hasbrouck Heights, NJ
 B.S. (Jersey City State College)
 Charles L. Dolin, Fair Lawn, N.J.
 B.S.
 Holly Lynne Donley, Jackson, MI
 John McGowan Dryak, Cincinnati
 B.A. (Kerbyon College)
 Dianne Carolyn Eddie, Newton Falls
 B.S.
 Barbara Jane Etzel, North Merrick, NY
 B.S. (Cornell University); M.S.
 Donald Ray Fogle, New Vienna
 B.S.; M.S.
 Zachary Franklin, Cincinnati
 B.S.
 William Michael Fraser, Chesterland
 B.S. (John Carroll University)
 Jay Barton Friedrich, Columbus
 B.S., (College of William & Mary); M.S., (Miami
 University)
 John Brian Gifford, Cincinnati
 B.S.
 William Henry Collier Goode IV, Columbus
 B.S.
 Larry James Goodpaster, Kettering
 B.S. (Wright State University)
 Patrick Leland Graham, Xenia
 B.S.; M.S.

Eugenie Weir Greene, Lexington, KY
 A.B., (Mt. Holyoke College); M.S., (University of
 Kentucky)
 Robert Leo Guinan, Lancaster
 B.S.
 John LeRoy Hadden, Manahawkin, N.J.
 B.S.
 Nancy Elizabeth Handley, Webster Springs, WV
 B.S. (Glenville State College)
 Thomas John Hartman, Springfield
 B.S. (Westminster College); M.S.
 Lawrence K. Hatch, Reno, NV
 B.S. (University of Nevada-Reno)
 Charles Luther Hofacre, Columbus
 B.S.; M.S.
 Mary Sarah Hoffheimer, Cincinnati
 B.S. (University of Vermont)
 Michael James Huerkamp, Cincinnati
 B.S.
 Lynn Rae Jackson, Medina
 Terri Alane Jones, Norwalk
 B.S.
 Becky Lynne Jourdonais, Great Falls, MT
 B.S. (Montana State University)
 Walter Thomas Klimecki, Columbus
 B.S.
 Leo John Kline III, Stow
 David Richardson Knox, Worthington
 B.S.
 Karen Anne Komisar, Media, PA
 B.S.; M.S.
 Jane Ellen Kosovsky, Oberlin
 B.S. (Oberlin College); M.S. (University of Kentucky)
 Federico Guillermo Latimer, San German, P.R.
 B.S. (Villanova University); M.S. (Penn State Univ.)
 Warren Grogger Lieualten, Kensington, MD
 B.S. (University of Maryland)
 Richard Hoyle Lisk, Boone, NC
 B.S., (North Carolina State University)
 Karen Lynn Longo, Springfield
 B.A., (Wittenberg University); M.S.
 Matthew Wayne Lovell, Dawson Springs, KY
 Bradley Douglas Luckenbill, Beaver Creek
 B.S., (Wright State University)
 Luke Lukasko, Brookfield
 B.S.
 Patricia Hooker Lukasko, Cincinnati
 B.S.
 Joseph Vincent Malone, Edinboro, PA
 B.S.
 Michael Lee Manheim, Cincinnati
 B.S. (University of Cincinnati)
 Mary Ann Mann, Lewisburg, WV
 B.S. (West Virginia University)
 Karen Sue Martin, Eaton
 Margaret Ann Masterson, New Lexington
 B.S.

William Michael McDonald, Lost Creek, WV
B.S. (West Virginia University)

Aaron Kimberly Messer, Cincinnati
B.S.

Marissa Ann Miller, Bethesda, MD
B.S. (University of Maryland)

Mariene Esta Miller, Lakewood, N.J.
B.S. (Cook College)

Matthew Wolf Miller, Maple Heights

Ross William Miller, Crestline
B.S., M.S.

Valerie Ann Miller, East Meadow, N.Y.
B.S.

Philip Daniel Moore, Cincinnati
B.S., M.S. (Wagner College)

Laura Dill Morton, Columbus
B.S.

Peter Loyd Nara, Columbus
B.S. (Colorado State University); M.S.

Bradley Wayne Newman, Waverly

Michael Eugene Noakes, Centerville
A.B. (Miami University)

Michael Jeri Oglesbee, Kettering

Jacqueline Ann O'Keefe, Parma
B.S.

Susan Elizabeth Orosz, Curtice
B.S. (Heidelberg College); Ph.D. (University of
Cincinnati)

Kathleen Ann Overberg, Cincinnati

Jeremy Riggs Owen, Marietta

Amy Elissa Patterson, Highlands, NC
B.S. (Duke University)

Pamela Ann Pohlmann, Bowling Green
B.S. (Bowling Green State University)

Mary Lynn Poss, Freedom, NH
B.S. (Duke University); M.S. (University of New
Hampshire)

Philip Edward Prater, Paris, KY

Jill A. Prince, Columbus
B.S. (Ohio University)

Andrew Mark Purdy, Sardinia
B.S.

Peggy Ann Purner, Las Vegas, NV
B.S. (University of Nevada)

Thomas Stanley Redding III, Asheville, NC
A.B. (Brown University)

Richard Thomas Riney, Louisville, KY
B. Gen. Studies (University of Kentucky)

Elizabeth Holiday Rogan, Hurricane, WV
B.S. (West Virginia University)

Thomas Scott Rogan, Charleston, WV
B.S. (West Virginia University)

James Dale Rothenbusch, Jr., Okeana
B.S.

Denise Rose Runkle, New London

John Edward Rush, Grafton

Judith Ann Rutkowski, Baltimore
B.S. (University Maryland)

Sharon Maureen Waters Sandler, Webster, MA
A.B., (Brandeis University)

Harold Charles Schott II, Cincinnati

Roni Marie Shellhouse, Vandalia
B.S. (Eastern Kentucky University)

Jeffrey Glen Sherman, Raleigh, NC
B.S. (East Carolina University)

Jeffrey Michael Shields, Columbus
B.S.

Nancy Elaine Sims, Belle, WV
B.S. (West Virginia University)

Rebecca Montgomery Skinner, Athens, WV
B.S. (West Virginia University)

Nancy Ann Smaltz, Toledo

Barbara Lynn Smith, Columbus

Roger Frank Smith, Murray, KY

Andrew Melvin Snider, Caldwell

Beth Marie Souder, Fostoria
B.S.; M.S. (Bowling Green State University)

Kathleen Grace Speicher, Parma
B.S. (Heidelberg College)

Deborah Ann Stanfield, London
B.S.

Diane Lynn Stoll, North Lawrence
B.S. NUR.

Barbara Kay Sullivant, Toledo
B.A. (Miami University)

Nancy Jane Taylor, Lisbon

Susan Claire Trock, Hubbard
B.S. (Youngstown State University)

Patricia Joan Ungar, Phoenix, AZ
B.A., (Colorado College)

Lizabeth Ann Vollmer, Gahanna
B.S.

Douglas Taylor Wagner, Orrville
B.S.

Mary Margaret Wasson, Statesville, NC
B.S. (North Carolina State University)

Mark Frederick Weingold, Hunting Valley
B.S.

J. Brad White, Youngstown

Cal Raymond Williams, Reno, NV
B.S. (University of Nevada-Reno)

Elizabeth Elliott Williams, Dickerson, MD
B.A. (Allegheny College)

Robert Scott Wilson, Raymond, N.H.
B.A., (University of New Hampshire)

Marylou Wittenauer, Hubbard
B.S.

Dirk Beebe Yelinek, Springfield, MA
B.S.

Meredith Elaine Young, Medina
B.S.

Randell Glen Young, Ravenna
B.A. (Hiram College)

Lynn Ann Yut, Canton
B.S.

Graduates with Honors

Criteria for graduation with honors are as follows:

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.

Cum Laude designates those graduating in the top 10% of the class (top 6% in the Colleges of the Arts and Sciences).

Summa Cum Laude designates those graduating in the top 3% of the class (top 1.5% in the Colleges of the Arts and Sciences).

With Distinction in Animal Science

Sheila Marie O'Sullivan

With Distinction in Ceramic Engineering

Michael Anthony McCoy

With Distinction in English

Paul Waller Bledsoe

With Distinction in Environmental Communications

Kenneth Earl Jacquot

With Distinction in Geology and Mineralogy

Scott Edward Mason

With Distinction in Horticulture

Karen Rene Dodd

With Distinction in Metallurgical Engineering

Anne Elizabeth Browning
Herbert Elgin Evans, Jr.

With Distinction in Biochemistry and with Honors in the Liberal Arts

Paul Reginald Gardner

With Distinction in Chemistry and with Honors in the Liberal Arts

David B. Morse

With Distinction in Economics and with Honors in Liberal Arts

Barry K. Jamieson
Jonathan S. Sokobin

With Distinction in English and with Honors in the Liberal Arts

Gregory William Bredbeck

With Distinction in History and with Honors in the Liberal Arts

Linda Elaine Hess

With Distinction in Journalism and with Honors in the Liberal Arts

Jeffrey Alan Stevenson

With Distinction in Microbiology and with Honors in the Liberal Arts

Carrie Helene Robinson

With Distinction in Political Science and with Honors in the Liberal Arts

Lauren Lee Bowen

With Distinction in Slavic Languages and Literatures and with Honors in the Liberal Arts

Amy Lynn Ballou

With Honors in Liberal Arts

Paul Timothy Andreadis
Lee Samuel Berman
Timothy John Cotter
Nancy Eleanor Drescher
David Thomas Eucker
Cynthia Kaye Johnson
John Terry Kuzmik
Diane Maire Le May
Paul Scott Leonard
Christina Lynn Martin
Kelly Lyn McLaughlin
Sarah Lee Mills
Elizabeth Ann Park
Steven L. Robinson
William John Rueger, Jr.
Philip Harry Santa-Emma
Susan Elizabeth Sheppard
Robert Henry Simon, Jr.
Laura Johanna Smith
Jeffrey Thomas Speicher
Le Ann Strock
Thomas Charles Trevorror
Michael B. Weinstein
James Witek

Cum Laude

Robert Scott Anderson
Susan Renae Armstrong
Anthony Raymond Arn
James Douglas Aust
Karen Lynne Bahan
Mary Kristine Baldauf
Gregory Robert Balogh
Franco Edward Barber
Thomas Gregory Baron
Marvin Jay Beer
Deborah Jane Benoy
James Kevin Berry
Steven Ray Bitticker
Nancy Peg Bloom
Anthony John Blum
Martin Joseph Boetcher
Stephen Laurence Bolt
Brian Lance Bowyer
Laurie Lynn Boxwell
James Charles Braun
Michael Lee Bressler
Gary Allen Breymaier
Rebecca Ellen Brooks
Janet Solt Brown
Paul Tway Brown
Brian Scott Brunck
Linda Kathleen Bruns
David Allen Buchanan
Patricia Jean Cameron
Alan Scott Campbell
Diane Louise Carlisle
Kristi Lynn Carr
Grant Logan Castrodale
Roger Blake Chaffee
David Francis Chaplin
Patrick Alan Cleary
Gordon Bennett Clouse
Gina Lynn Clifton
Michael Thomas Coccia
Colleen Marie Connor
Colleen Ann Conry
Joyce Lee Cook
Patricia Jean Copeland
Stephen Jeffrey Copeland
Joan Marie Corsi
Anita Joan Cox
Perry Scott Crowl
Kathryn Joyce Crowell
Maria Teresa Cueto
Lisa Jane Daubennire
Kevin Stuart Daugherty
David Dwayne Dewese
Jane Ellen Dill
Daniel Albert DiSanto
Lynn Ann Drake
Paul H. Dreyfus
Robin Victoria Dunham
Cheryl Culhane Esser
Richard Worsham Emmert
Joan Marie Englund
Karen Ann Enneking
Brenda Sue Evans
Amy Susan Farley
William Joseph Feller, II
Amy Susan Ferguson
William Evan Firestone
Margaret Blanche Firm

Joseph Anthony Fischer
Valerie Ann Fleckenstein
Paul Raymond Fleissner, Jr.
Anne Regina Flinn
Deidre Rae Fogelsong
Donald Ray Fogle
Lowell Arick Forrest
William Edward Frank, Jr.
Eric Franz
James Michael Gaughan
Laurie Ann Gay
Robert Gerard Gesing
Glenn S. Gilbert
Cynthia Anna Goetz
Gayle Pauline Gottlieb
Jamie Alan Greene
Rita Zink Gregorek
David Lee Groden
Robert Leo Guinan
Laura Elaine Hall
George David Haller
Rebecca Ann Hart
Michael Allen Hambach
Lisa Ann Harmon
Christopher Glenn Harper
Cheryl Renée Hartley
Steven Edward Haun
Karen Elaine Henry
Beth Ann Herold
Scott John Herrmann
Albert A. Hilkert
Debra Jean Hoffer
Deborah Lynn Hollister
Timothy Arthur Hoyt
Jeffrey Allen Houck
Mark Allen Hovey
Robert Charles Hudak
Gloria Jean Huffman
John Kirk Hurley
Susan Ruth Innenberg
Lynn Rae Jackson
Rebecca Ann Joehlin
Ellen Joan Johnson
Mark Joseph Johnson
Ron Michael Johnson
Roberta Eileen Jones
Cathy E. Kaiser
Daniel Brian Kehn
Jean C. Kehres
Timothy Brian Kenney
Ann Merrilee Kensler
Carolyn Ann Kershaw
Kevin Paul Kimble
Leo John Kline, III
Andrew William Knight, Jr.
Paula Chi-Lin Ko
Steven Victor Kovach
Terry Ray Krukemeyer
Jerome Alan Lechlak
Rebecca Lynn Lehner
Jeffrey D. Lieberman
Peta Gay Lilburne
Cheryl Ann Liko
James Leslie Linke
Susan Jane Lippold
Lucinda Lukasko-Koontz
Joyce Elaine Mace
James Richard Magley
Taras Mahlay

Lisa Malmer
Gary John Margeson
Karen Lynn Marshall
David Lee Mathewson
Jeffrey S. McCallister
James Richard McGarrahan
Lisa Gail McGlone
David Michael McGuire
Elizabeth Anne McKinley
John Thomas McLaughlin
Elen Vance McVay
David Philip Melaragno
William Frederick Mielke
David Eric Miller
Lynn Hastings Miller
Marlene Esta Miller
Nancy Elizabeth Miosevich
Jeanne Elizabeth Minard
Virginia Marie Molleran
Gary Duane Monte
Matthew Allan Moon
William David Mowery
Jean Marie Murphy
Masashi Nakahashi
David Evan Neal
Mary Courtney Neuman
Michael Eugene Noakes
A. Michael Novena
Molly Judith O'Connor
Polly J. O'Neil
Rogena K. Orr
Kathleen Ann Overberg
Susan Lisa Palmiter
Scott David Pape
Ronald Leo Paquette
Patricia J. Parks
Jon Douglas Patterson
Lois Ann Pauly
Mark Burton Perkins
Brenda Lee Pfeiffer
Thomas Edwin Phelps
Jeffrey Richard Plassman
Nancy Ellen Poetter
Paul Robert Pooley
Charlotte Ann Puthoff
Debra Lee Rasor
Douglas G. Reed
Brenda Sue Ricciuto
Mark Alan Rickenbacher
Randall Allen Riffle
Mark Philip Rimelspach
Stephen Joseph Rinderle
Gina Marie Ripepi
Jefferson Garland Risner
Mark David Rothman
Robyn Faith Rosenstock
Marguerite Marie Rozzo
Cheryl Shaw Runkle
Alan Robert Sacolick
Gregory Leo Salzman
Sharon Maureen Waters Sandler
Kenneth Lawrence Scarfe
Emily Rose Schock
Harry Thomas Shamansky
Anne Elizabeth Shilander
Philip Eugene Short
Paul Simmons, Jr.
Alison Achbach Smith
Beth Anne Smith

Matthew Sherman Smith
Sue Michel Smith, Sr.
Stephen Scott Snedden
Kevin William Snyder
Chee Seng Soh
Connie Corrine Spahr
Barbara Joy Speyer
Elizabeth Jane Stevens
Kathy Sue Stichel
Elizabeth Graben Stooke
Beth Charlotte Strasshofer
Cristine Ann Strovilas
David Arthur Surber
Chek-Fong Tang
Robert Tannous
Laura Milane Taylor
N. Katherine TenEyck
Sandra Diane Thomas
Cheryl Ann Toman
James Harry Tomenko
Jeffrey Bryant Travers
Jack David Tripp
Karol L. Troyer
Steven Richard Turckes
Mary Catherine Urban
Ralph Eric Urch
William Trent Van Curen
Neils Blake Vander-Zanden
Peter T. Vargulich
Bruce Alan Vasioff
John William Vosler
Stephen Joseph Voto
Jill Cormany Wade
Michael Ernest Wahl
Kim Janet Wajda
John M. Walbrowm
Anne Dudley Warren
Michelle Marje Wasielewski
Charles Wilson Waugh
David Anthony Weaver
Mark Donald Weber
Mary Sue Welling
Michael Alan Whitefield
Amber Lynn Whittington
Kent William Wilhelm
Cal Raymond Williams
Brenda Lee Willis
Jeffrey Craig Wilson
Robert Scott Wilson
Ronald Lee Winland
Mary Katherine Winstel
Erin Fay Wolfe
Connie Joyce Wood
Debra Sue Woolever
Janis Milan Worklan
Nancy Gina Workman
Michael Stephen Yashko
Lauren Ann Yeary
Boon Hun Yeo
Thomas Neil Yoder
Sarah Warne Yoest
John Michael Yount
John Paul Sekiguchi Yu
Lynn Ann Yut
Christine Marie Zambory
Raquel Leora Zamir
Catherine Ann Zavatsky
James J. Zehentbauer
Joseph Charles Zimovan, Jr.

Cum Laude with Distinction in Aeronautical and Astronautical Engineering

Susan Louise McCleary
Tamara Ann Smith

Cum Laude with Distinction in Agricultural Economics

Thomas Eugene Murth

Cum Laude with Distinction in Agronomy

Scott Nicholas Twary

Cum Laude with Distinction in Biochemistry

Jeffrey Bernard Casamento

Cum Laude with Distinction in Family Relations and Human Development

Jo Anne Wigtil

Cum Laude with Distinction in Food Technology

Margaret Kay Watkins

Cum Laude with Distinction in Forest Industries Management

Scott Thomas Smith

Cum Laude with Distinction in Forest Resource Management

Joel John Anderson

Cum Laude with Distinction in Home Management and Housing

Monica Woznaik Leissa
Pamela Sue Scott

Cum Laude with Distinction in Horticulture

Maureen Elizabeth Harter

Cum Laude with Distinction in Human Nutrition

Linda Elizabeth Francetic

Cum Laude with Distinction in Human Nutrition and Food Management

Janice Margaret Mertz

Cum Laude with Distinction in International Business

Tracey Dale Strott

Cum Laude with Distinction in Metallurgical Engineering

Lisa Jo DuVernay
David E. Nelson

**Cum Laude with Distinction in Music
History**

Alice Virginia Clark

**Cum Laude with Distinction in Economics
and with Honors in the Liberal Arts**

Roger D. Lagunoff

**Cum Laude with Distinction in English and
with Honors in the Liberal Arts**

Timothy Scott Hartley

**Cum Laude with Distinction in Theatre and
with Honors in the Liberal Arts**

Jay Wilson Dorff IV

**Cum Laude with Distinction in Zoology and
with Honors in the Liberal Arts**

Julia Ann White

Cum Laude with Honors in the Liberal Arts

David Sadre Alavi
Diane Ellen Black
Julie Beth Ferrar
Robert Alan Lynch
Catherine M. Mayhew
Kathy Sue Noe
Kathy Anne Price
Thomas Carl Wilson

Summa Cum Laude

Kathleen T. Armstrong
Joan Kay Bauman
Margaret Mary Beery
Ronna Gayle Beery
Theresa Ann Benjamin
Peggy Jo Bergstrom
Michelle Lee Bils
Carol Jean Blankenship
Carolyn Ann Boesch
Rebekah Sue Boone
James Julius Brachok
Daniel Edward Bruening
David G. Cahill
William John Clinger
Patrick Joseph Coady
Carl Edward Coles
Kathleen Ann Connelly
Stanley D. Cosstephens
Claudia Lucille Danforth
James Arthur Davis
James E. Dawes
Gina Marie DeChant
Jon Brooks Decker
Jill Ann Deibel
Giacinto Gino DiGrazia
Karl Phillip Dohm
Michael Joseph Donau
John Francis Donovan
Diane Kay Dornbusch

Jana Elizabeth Dunson
Robin Lynn Elliott
Thomas Scott Emerson
Maxim Jonathan Goldberg-Rugalev
Margaret Alice Greene
Teresa Jane Herderick
Jan Ruth Holton Hosler
Sarah Moore Hussey
Patricia Ann Kauffman
Mary Ann Keenan
Lauren Kathryn Kendall
Kelly James Kelleher
Jeffrey Charles King
Diane Kay Kistner
Terry Neil Kleman
Kirk William Knollman
Kinyue Albert Lai
Alan James Lee
Clinton Edward Leedy
Rebecca Jane Leeper
Donise Jean Long
Christina Marie Martin
Laura Ann McAlpine
Cynthia Ann McLaughlin
Tammy Mielke
Matthew Wolf Miller
Susan Allison Miner
Janis Ann Mion
Nonon Gila Mooney
Connie Marie Nissen
Linda N. Novacich
Thomas Joseph O'Brien, Jr.
Michael Jeri Oglesbee
Suzy Dawn Olin
Lance Neil Olson
Jeffrey Christopher Pabst
Michael Andrew Paine
Susan Michelle Paquette
David Arthur Plum, Jr.
Susan Bernice Rauch
Lauri Marie Reimink
Beverly Ann Rose
Carla Frances Saunders
Robert J. Schotzinger
John Stephen Schult
Margo Ann Schwendeman
Mary Frances Shuber
Michael Raymond Siferd
Nancy Elaine Sims
Cynthia Sue Sisson
Stewart Alan Skromra
Phillip James Smith
Ricky David Sorokin
Michael Lee Sparling
Linda Ann Spires
Melodie Kay Spittler
Alan Thomas Stadler
John Luther Steiner
James Anthony Sterchele
Scott Ashley Taylor
Steven Roger Tier
George Kevin Tippet
Steven Paul Thompson
Pamela Lynne Wenning
Sandra Marie Wigen
Darci Lynn Wilcox
Michael Jay Willson
Christina Arrieta Wolfe
Samuel Mark Woodrow

Sandra Kay Woolever
Elen Louise Yeary
Kenneth Allen Zak

Summa Cum Laude with Distinction in Accounting

Gregory Scott Jordan

**Summa Cum Laude with Distinction in Agriculture
Economics**

Peter Levi Rupp
Barry Joseph Von Der Embse

**Summa Cum Laude with Distinction in Animal
Science**

Evan Charles Titgemeyer

**Summa Cum Laude with Distinction in Electrical
Engineering**

Kathleen L. Tokuda

**Summa Cum Laude with Distinction in
Environmental Interpretation**

Larry Richard Speelman

**Summa Cum Laude with Distinction in Food
Science and Nutrition**

Gregory Scott Hellwarth
Jeannette Marie Morgan

**Summa Cum Laude with Distinction in Forest
Biology**

Melanie Norma Strohecker

**Summa Cum Laude with Distinction in Forest
Resource Management**

Stephen Patrick Lewis

**Summa Cum Laude with Distinction in Geography
and with Honors in the Liberal Arts**

Richard L. Wysong

**Summa Cum Laude with Distinction in Wildlife
Management**

David Paul Scott

**Summa Cum Laude with Honors in the Liberal
Arts**

Susan Marie Hermiller

THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND TWO HUNDREDTH MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, May 16, 1984

Pursuant to paragraph (B) of bylaw 3335-1-01 of the Administrative Code of The Ohio State University, the Board met upon the call of the Chairman, D. James Hilliker, in a special meeting on Wednesday, May 16, 1984, at 10:00 a.m., The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio.

Present: D. James Hilliker, Chairman, John F. Havens, Daniel M. Galbreath, Edmund C. Redman, Leonard J. Immke, John W. Berry, Shirley D. Bowser, Hamilton J. Teaford, and John J. Barone

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May 16, 1984 meeting, Board of Trustees

The Chairman, Mr. Hilliker, called the special meeting of the Board of Trustees to order at 10:00 a.m. He requested the Secretary to call the roll.

INTRODUCTION OF NEW BOARD MEMBER

Mr. Hilliker introduced the new member of the Board of Trustees:

I want to thank the press for coming to my first meeting as Chairman of the Board--I assume that is why you are all here today. Before I turn the meeting over to President Jennings for his agenda, I would like to recognize an old face and a new face to this Board of Trustees. The old face is Dr. John Jacob, immediate past Chairman of this Board. Dr. Jacob has been very instrumental and very helpful in the agenda topic today. John, we welcome you and thank you for your help.

The new face is the newest member of the Board, Mr. John J. Barone of Toledo, Ohio. Mr. Barone's appointment is for a term beginning May 14, 1984 and ending May 13, 1993. He is succeeding Dr. Jacob, whose term has expired.

Mr. Barone attended Canisius College and Miami University of Ohio, and received his Juris Doctorate from The Ohio State University in 1936. He is a partner in the law firm of Barone, Van Horn and Greenberg in Toledo, Ohio, with a specialty in corporate law.

From 1945-64, Mr. Barone was U. S. Commissioner for the Northern District, Western Division. He is a member of the American Bar Association; the Federal Bar; the Toledo Bar; and the Ohio State Bar. He serves on numerous boards of various companies. Mr. Barone has five sons--one of whom is an Ohio State University law graduate. He is a life member of the OSU Alumni Association and a member of the Presidents Club.

Mr. Barone, we welcome you to this Board and look forward to your many contributions during your tenure.

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Mr. Hilliker then called on President Jennings to present his agenda. President Jennings made the following statement:

Thank you, Mr. Chairman. Approximately two months ago we began a search for the new Athletic Director at The Ohio State University. We began a search for an individual who would be committed at the highest levels to the NCAA and the NCAA rules and regulations. We began a search for an individual who would believe in and understand and be committed to students--as students first and athletes second, as an extracurricular activity. We began a search for an individual firmly committed by background and experience to women's intercollegiate athletics. We were looking for an individual who was also committed to competing at the very highest level in intercollegiate athletics--at the national level, and Ohio State deserves nothing less. We began to look for an in-

May 16, 1984 meeting, Board of Trustees

President Jennings (contd)

dividual with a deep appreciation of the financial issues associated with intercollegiate athletics, an understanding of public universities, and with the demonstrated leadership qualities that are so necessary in an athletic director position that is clearly one of the most critical athletic director positions in the country.

A search committee was formed consisting of members of the Athletic Council and four members of my staff. Last Thursday, that committee completed their work and provided me with a list of seven candidates that they would recommend very highly--all of which were superbly qualified. Since that time I have had the opportunity to personally interview all seven, in various cities across the country, for fairly long periods of time. I am convinced that the search committee has truly done a national search, and the list of individuals clearly represents, in my judgment, the best people available in the country in intercollegiate athletics.

After going through that process and a variety of checking among other universities, and after discussing individually with each member of the Board my recommendation, I am prepared to recommend that we appoint today to the Athletic Directorship at The Ohio State University effective on or before July 1, 1984, Mr. Richard M. Bay, who is currently Athletic Director at the University of Oregon. I would make that recommendation for your approval, Mr. Chairman.

PERSONNEL ACTION

Resolution No. 84-136

In accordance with Section 3335-1-04 (H) of the Bylaws of the Board of Trustees, the foregoing recommendation to appoint Mr. Richard M. (Rick) Bay to the position of Athletic Director of The Ohio State University was presented to the Board of Trustees. In this position, Mr. Bay will serve as the principal administrative official of the Department of Athletics and will have the requisite authority for providing the overall leadership and direction of the University's intercollegiate programs.

Effective date of appointment: on or before July 1, 1984

Salary: \$74,500.00

Current Position - Director of Athletics, University of Oregon, Eugene, Oregon

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

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May 16, 1984 meeting, Board of Trustees

Thereupon the Board adjourned to meet Thursday, June 7, 1984, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Madison H. Scott
Secretary

D. James Hilliker
Chairman

THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND TWO HUNDRED AND FIRST MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, June 7, 1984

The Board of Trustees met at its regular monthly meeting on Thursday, June 7, 1984, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: D. James Hilliker, Chairman, John F. Havens, Daniel M. Galbreath, Edmund C. Redman, Leonard J. Immke, John W. Berry, Shirley D. Bowser, Hamilton J. Teaford, and John J. Barone.

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Minutes of the last meeting were approved.

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June 7, 1984 meeting, Board of Trustees

The Chairman, Mr. Hilliker, called the meeting of the Board of Trustees to order at 11:55 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: D. James Hilliker, Chairman, John F. Havens, Daniel M. Galbreath, Edmund C. Redman, Leonard J. Immke, John W. Berry, Shirley D. Bowser, Hamilton J. Teaford, and John J. Barone.

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Mr. Hilliker reconvened the meeting at 1:55 p.m.

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COMMITTEE APPOINTMENTS 1984-85

Resolution No. 84-137

WHEREAS the appointments to Committees and representatives to the Research Foundation Board of Directors, the Development Fund Board of Directors, the Inter-University Council, and the University Hospitals Board for 1984-85 are as follows:

Educational Affairs Committee	Shirley D. Bowser, Chairman John W. Berry, Vice Chairman John J. Barone
Fiscal Affairs Committee	Leonard J. Immke, Chairman Edmund C. Redman, Vice Chairman Hamilton J. Teaford
Standing Committee on Agricultural Affairs	Daniel M. Galbreath, Chairman Dale Locker, Vice Chairman, Ex Officio Shirley D. Bowser
Student Affairs Committee	John W. Berry, Chairman Edmund C. Redman, Vice Chairman John J. Barone
Personnel Committee	D. James Hilliker, Chairman John F. Havens Daniel M. Galbreath
Development Fund Board of Directors	Leonard J. Immke (1983-85) Hamilton J. Teaford (1984-86)
Inter-University Council	John J. Barone
Research Foundation Board of Directors	John F. Havens (1983-86)
University Hospitals Board	Shirley D. Bowser Edmund C. Redman

June 7, 1984 meeting, Board of Trustees

COMMITTEE APPOINTMENTS 1984-85 (contd)

NOW THEREFORE

BE IT RESOLVED, That the Committee appointments and the representatives to the Research Foundation Board of Directors, the Development Fund Board of Directors, the Inter-University Council, and the University Hospitals Board for 1984-85 be approved.

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

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DIVISION NAME CHANGE IN THE COLLEGE OF PHARMACY

Resolution No. 84-138

Synopsis: It is proposed that the Division of Administrative and Social Sciences in the College of Pharmacy be renamed the Division of Pharmaceutical Administration.

WHEREAS on March 2, 1973, the Board of Trustees approved the organization of the College of Pharmacy into six Divisions; and

WHEREAS the Executive Committee of the College of Pharmacy has unanimously approved a requested name change of the Division of Administrative and Social Sciences to the Division of Pharmaceutical Administration; and

WHEREAS the proposed name change would more accurately reflect the focus of the Division which is decision-making, problem-solving, and administrative skills in the pharmaceutical industry; and

WHEREAS there are no objections to this name change by other administration science units on campus, and the Division will not duplicate any courses offered by other colleges; and

WHEREAS the University Senate has approved the requested name change and has requested concurrence by the Board of Trustees:

NOW THEREFORE

BE IT RESOLVED, That the Division of Administrative and Social Sciences in the College of Pharmacy be renamed the Division of Pharmaceutical Administration effective July 1, 1984.

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

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June 7, 1984 meeting, Board of Trustees

FORMATION OF DEPARTMENTS IN THE COLLEGE OF NURSING

Resolution No. 84-139

Synopsis: The formation of two departments within the College of Nursing is proposed.

WHEREAS the School of Nursing was granted college status on July 9, 1983; and

WHEREAS the College of Nursing faculty approved in Autumn Quarter, 1983 the formation of two departments: Life Span Process and Family and Community; and

WHEREAS the Department of Life Span Process will focus on the development and transmission of knowledge needed for the nursing of individuals throughout stages of the life cycle, and will encompass the promotion of health, prevention of disease, restoration of health, terminal illness and death and dying; and

WHEREAS the Department of Family and Community will focus on the development and transmission of knowledge needed for nursing practice with families and communities, and will be directed toward health promotion, disease prevention, restoration and maintenance of health within families and communities; and

WHEREAS both the Department of Life Span Process and the Department of Family and Community will serve as tenure initiating units for their 32, and 29 faculty members, respectively; and

WHEREAS the present structure inhibits interaction among graduate and undergraduate faculty and students, while the proposed departmental structure will more appropriately reflect the mission of the College, and permit more flexibility and better utilization of resources; and

WHEREAS the proposed action was approved by the University Senate on May 5, 1984:

NOW THEREFORE

BE IT RESOLVED, That the requested departmental structure for the College of Nursing is approved effective July 1, 1984.

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

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June 7, 1984 meeting, Board of Trustees

AMENDMENTS TO THE CODE OF STUDENT CONDUCT

Resolution No. 84-140

Synopsis: Amendments to the Code of Student Conduct (3335-31-02 and 3335-31-03) are being proposed.

WHEREAS the University Senate has approved the following amendments to sections 3335-31-02 and 3335-31-03 of the Code of Student Conduct and has requested concurrence of the Board of Trustees:

3335-31-02 Committee on academic misconduct

- (C) All cases of suspected misconduct shall be reported to the committee. The committee also shall investigate cases of lax or irregular examination methods and report findings to the vice president for academic affairs and provost. Students have the obligation to report suspected misconduct or irregular or lax examination methods. The committee may impose any code sanction. The committee consists of:
- (1) fifteen faculty members elected by the university senate at its special meeting in June for three-year terms beginning with the summer quarter, the election to be held annually so that five members will retire each year. No member of the university faculty serves more than two consecutive terms;
 - (2) five graduate student members appointed in the summer quarter by the president of the council of graduate students, with the approval of the council of graduate students for a one-year term beginning with the autumn quarter;
 - (3) five undergraduate student members appointed in the spring quarter by the president of the undergraduate student government, with the approval of the undergraduate student assembly for a one-year term beginning with the summer quarter;
 - (4) the dean of student life, or designee, ex-officio and without vote; and
 - (5) a coordinator, appointed by the vice president for academic affairs and provost, ex-officio and without vote and charged with assisting the committee in administrative matters. The coordinator does not participate in the decisions of the committee.
- (D) The committee on academic misconduct establishes panels of persons from the committee on academic misconduct which conduct hearings and make decisions with the same authority as the committee on academic misconduct.
- (E) The committee on academic misconduct establishes rules and procedures to conduct hearings, including the definition of a quorum.

June 7, 1984 meeting, Board of Trustees

AMENDMENTS TO THE CODE OF STUDENT CONDUCT (contd)

(Details of rule 3335-5-54 of the Administrative Code, which defines the committee on academic misconduct, and committee procedures are available from the office of the vice president for academic affairs and provost.)

3335-31-03 University judicial panel

- (B) three faculty members recommended to the dean by the vice president for academic affairs and provost for three-year terms; annually appointed so that one member retires each year; and
- (D) the coordinator of judicial programs shall serve ex-officio as panel coordinator without vote.
- (E) the dean of student life will appoint a panel composed of six members with expertise to include, but not limited to, sexual harassment cases or those with racial overtones. This panel will serve as a resource for information concerning a variety of cases. One member from this panel of experts may be selected by the coordinator of judicial programs as the case warrants. The expert panel member will participate in the entire case, but will not vote at the conclusion of the deliberations.

NOW THEREFORE

BE IT RESOLVED, That the amendments to sections 3335-31-02 and 3335-31-03 of the Code of Student Conduct be adopted as recommended by the University Senate.

Upon motion of Mr. Immke, seconded by Mr. Galbreath, 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. 84-141

Synopsis: Amendments to rules 3335-5-023, 3335-5-04, 3335-5-05, and 3335-5-581 are being proposed.

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 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 5, 1984, as follows:

AMENDED RULES

3335-5-023 Appeal procedures for tenured faculty because of termination of appointments during financial exigency.

June 7, 1984 meeting, Board of Trustees

AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)

(B) The faculty hearing committee.

3335-5-04 Hearing procedures for complaints against regular, regular clinical, and auxiliary faculty members.

(E) The faculty hearing committee.

(2) The hearing panel may restrict the attendance of persons at the proceedings, provided that neither the respondent nor the prosecutor shall be denied the right to have one observer of their choosing present at all times.

(3) Respondents shall have the rights to be represented by legal counsel or any other person of their choice, to examine the witnesses and evidence against them, to present witnesses and evidence on their own behalf, and to refuse to testify or be questioned in the proceedings without prejudice to their cause.

3335-5-05 Procedures concerning faculty complaints about promotion, tenure and renewal decisions.

(A) Definitions and construction.

(1) When presenting a complaint to the committee on academic freedom and responsibility, a faculty member (hereinafter "complainant") must first present evidence of having made a reasonable effort to resolve the grievance by informal methods (or formal methods if they exist) in both the department and the college. Complaints concerning promotion, tenure, or renewal decisions may be made by tenured or probationary faculty.

(B) The committee on academic freedom and responsibility.

(1) Complaints alleging improper evaluation shall be presented in writing to the faculty members of the committee on academic freedom and responsibility (hereinafter "committee") and to the vice president for academic affairs and provost within thirty days (whenever practical) after a faculty member has been notified of the decision the faculty member wishes to challenge.

(4) If the committee determines that reasonable and adequate grounds may exist for asserting improper evaluation, it shall forward the complaint to the faculty hearing committee, established pursuant to rule 3335-5-581 of the Administrative Code.

(C) The faculty hearing committee.

(2) Actions being challenged under this rule shall be responded to by the vice president for academic affairs and provost or designee.

AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)

- (3) In matters involving allegations under paragraph (A) (3) (b) of this rule, the hearing panel shall conduct its proceedings in a collegial manner in accordance with the following guidelines:
 - (a) The complaint shall be set forth in writing and a copy furnished to the party or parties that are alleged to have committed the infringement.
 - (b) The hearing panel may restrict the attendance of persons at the proceedings, provided that the complainant shall not be denied the right to have one observer of his or her choosing present at all times.
 - (c) Both complainant and respondent shall have the right to be accompanied and advised by any person of their choice, to present witnesses and evidence on their own behalf, and to examine witnesses and evidence.
 - (d) The hearing panel shall receive such testimony and other evidence as it deems to be material and relevant to the issues before it.
 - (e) An electronic recording shall be kept of all proceedings before a hearing panel.
 - (4) (b) The complainant should be given opportunity to address the hearing panel in writing and in person, and offer any evidence substantiating the claim.
 - (c) If the complainant appears before the hearing panel, the complainant may bring an advisor. No formal transcript of the proceedings need be kept.
 - (5) (b) When it has found that an improper evaluation has been made, submit its findings to the dean of the college in which the complainant is a member and to the vice president for academic affairs and provost. The vice president for academic affairs and provost, in consultation with the hearing panel and the chairperson of the faculty hearing committee, shall take such steps as may be deemed necessary to assure a new, fair, and impartial evaluation. A copy of the hearing panel's findings shall also be sent to the president.
- (D) The president.
- (1) Upon receipt of a report under paragraph (C) (6) of this rule, the president shall review the matter and take whatever action the president deems appropriate.

June 7, 1984 meeting, Board of Trustees

AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)

3335-5-581 Faculty hearing committee.

- (A) The faculty hearing committee shall consist of nine tenured members of the regular faculty. Three members shall be elected annually from a slate of six candidates. Each elected person shall serve a three-year term as a regular member, followed by a one-year term as an alternate member.
- (E) The proceedings of a hearing panel shall be conducted according to the specifications listed as follows:
- (1) Hearings conducted on allegations of incompetence or grave misconduct, or on appeals from findings of failure to meet university responsibilities, shall follow procedures according to rule 3335-5-04 (E) of the Administrative Code.
 - (2) Hearings conducted on complaints of alleged improper evaluation based upon reasons or considerations that infringe a constitutional right of the complainant shall follow procedures according to rule 3335-5-05 (C) (3) of the Administrative Code.
 - (3) Hearings conducted on allegations of improper evaluation based upon inadequate consideration of the pertinent facts by the individual(s) making the decision shall follow procedures according to rule 3335-5-05 (C) (4) of the Administrative Code.
 - (4) Hearings conducted on an appeal of a tenured faculty member because of termination of appointment during financial exigency shall follow procedures according to rule 3335-5-023 (B) of the Administrative Code.

NOW THEREFORE

BE IT RESOLVED, That the amendments to rules 3335-5-023, 3335-5-04, 3335-5-05, and 3335-5-581 of the Rules of the University Faculty be adopted as recommended by the University Senate.

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

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BYLAWS OF THE MEDICAL STAFF
THE OHIO STATE UNIVERSITY HOSPITALS

Resolution No. 84-142

Synopsis: Amendment of the Bylaws of the Medical Staff of The Ohio State University Hospitals is proposed.

June 7, 1984 meeting, Board of Trustees

BYLAWS OF THE MEDICAL STAFF
THE OHIO STATE UNIVERSITY HOSPITALS (contd)

WHEREAS bylaws pertaining to the practice of medicine within the University Hospitals were developed in accordance with the requirements of Chapters 3335-93-01 to 3335-93-03 of the Administrative Code, and these bylaws were adopted appropriately by the Medical Staff Administrative Committee and by the University Hospitals Board, and approved by the Board of Trustees on February 4, 1983; and

WHEREAS the Joint Conference Committee of the University Hospitals Board has reviewed and approved revisions to Sections 3335-43-02, 3335-43-03, 3335-43-07 and 3335-43-09 of the Medical Staff Bylaws as proposed by the Medical Staff Bylaws Committee and endorsed by the Medical Staff Administrative Committee and the medical staff at large; and

WHEREAS the aforementioned revisions to the Medical Staff Bylaws were approved by the University Hospitals Board on April 26, 1984:

NOW THEREFORE :

BE IT RESOLVED, That the proposed amendments to the Medical Staff Bylaws be approved, and that they be forwarded to the appropriate state agencies for inclusion as part of the Administrative Code.

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

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PERSONNEL ACTIONS

Resolution No. 84-143

Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Resignation, Changes in Title, Appointments, Appointment of Chairpersons of Departments and Academic Faculty and Directors of Schools, Reappointment of Chairpersons of Departments, Leaves of Absence Without Salary, Leave of Absence Without Salary--Change of Date, Professional Improvement Leave, Professional Improvement Leave--Change of Date, Promotions/Tenure and Emeritus Titles are recommended for approval.

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the May 16, 1984 meeting of the Board, including the following Resignation, Changes in Title, Appointments, Appointment of Chairpersons of Departments and Academic Faculty and Directors of Schools, Reappointment of Chairpersons of Departments, Leaves of Absence Without Salary, Leave of Absence Without Salary--Change of Date, Professional Improvement Leave, Professional Improvement Leave--Change of Date, Promotions/Tenure and Emeritus Titles, as detailed in the University Budget, be approved.

June 7, 1984 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Resignation

DAVID W. KRAMER will resign as Dean and Director of Regional Campuses - Mansfield Campus, effective December 31, 1985.

Changes in Title

Name: RODNEY J. HARRISON
Title: Associate Vice Provost
Office: Academic Affairs
Effective: July 1, 1984
Salary: \$55,080.00
Present Position: Acting Vice Provost for Student Affairs and Director for Student Financial Aids

Name: LENA BAILEY
Title: Dean
College: Home Economics
Effective: July 1, 1984
Salary: \$66,000.00
Present Position: Acting Dean, College of Home Economics

Name: GRAYCE M. SILLS
Title: Acting Dean
College: Nursing
Effective: July 1, 1984
Salary: \$64,200.00
Present Position: Acting Associate Dean, College of Nursing

Appointments

Name: JOHN F. WICKLEIN
Title: Visiting Professor (Willard M. Kiplinger Chair in Public Affairs Reporting)
School: Journalism
Effective: July 1, 1984
Salary: \$55,080.00
Present Position: Associate Director for News and Public Affairs Programs, Corporation for Public Broadcasting, Washington, D. C.

Name: ARTHUR JAMES
Title: Medical Director of the Cancer Research Institute
College: Medicine
Effective: July 1, 1984 - June 30, 1985
Salary: No Salary
Present Position: Professor Emeritus in the Department of Surgery
Special Instructions: Board of Trustees' resolution specifying mandatory retirement age is hereby waived.

June 7, 1984 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Appointment of Chairpersons of Departments and Academic Faculty and Directors of Schools

July 1, 1984 through August 31, 1984

School of Public Administration
(and Acting Associate Dean, College
of Administrative Science)

Arthur D. Lynn, Jr.*

July 1, 1984 through June 30, 1985

Obstetrics and Gynecology
(extension of appointment)
Veterinary Physiology and Pharmacology

Frederick Zuspan

Robert L. Hamlin*

July 1, 1984 through June 30, 1988

Academic Faculty of Labor Education
and Research Services
School of Natural Resources

Charles J. Slanicka
Craig B. Davis

October 1, 1984 through June 30, 1985

Linguistics

Ilse Lehiste*

October 1, 1984 through September 30, 1985

Family and Community

Bonnie J. Garvin*

October 1, 1984 through September 30, 1988

Life Span Process
Philosophy

Joanne S. Stevenson
Marshall Swain

*Acting Appointments

Reappointment of Chairpersons of Departments

July 1, 1984 through June 30, 1988

Engineering Graphics
Family Medicine
Geology and Mineralogy
Ophthalmology
Pathology
Physical Medicine
Surgery

John T. Demel
P. Tennyson Williams
Peter N. Webb
William H. Havener
Donald A. Senhauser
Ernest W. Johnson
Larry C. Carey

Leaves of Absence Without Salary

BETTINA G. ANDERSON, Professor, Department of Veterinary Anatomy, effective June 25, 1984 through July 20, 1984, to attend classes for a five week summer term in Tennessee.

June 7, 1984 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Leaves of Absence Without Salary (contd)

RICHARD BJORNSON, Professor, Department of Romance Languages and Literatures, effective October 1, 1984 through September 30, 1985, to teach as a distinguished visiting professor at the University of Bayreuth (West Germany).

FREDERICK D. STURDIVANT, Professor, Academic Faculty of Finance, effective July 1, 1984 through June 30, 1985, to spend the next year as an officer in the Chicago office of Management Analysis Center, Inc. (MAC).

Leave of Absence Without Salary--Change of Date

JOAN E. HERR, Assistant Professor, Department of Human Nutrition and Food Management, change leave of absence from October 1, 1983 through September 30, 1984, to October 1, 1983 through March 31, 1984.

Professional Improvement Leave

MICHAEL E. MANGINO, Associate Professor, Department of Food Science and Nutrition, effective Summer Quarter and Fall Quarter 1985, and Winter Quarter 1986.

Professional Improvement Leave--Change of Date

CHARLES E. HERDENDORF, Professor, Department of Zoology, change professional improvement leave from Autumn Quarter 1984, Winter Quarter, Spring Quarter and Summer Quarter 1985 to Winter Quarter, Spring Quarter, Summer Quarter and Autumn Quarter 1985.

Emeritus Titles

KATHRYN T. SCHOEN, Board of Trustees, with the title Vice President Emeritus, effective July 1, 1984.

JULES B. LAPIDUS, the Graduate School, with the title Professor and Dean Emeritus, effective July 1, 1984.

WELDON A. KEFAUVER, Ohio State University Press, with the title Director of Ohio State University Press Emeritus, effective October 1, 1984.

ARTHUR E. ADAMS, Department of History, with the title Professor Emeritus, effective July 1, 1984.

DAVID E. BLACK, Department of Art, with the title Professor Emeritus, effective July 1, 1984.

L. CARLTON BROWN, Department of Physics, with the title Professor Emeritus, effective July 1, 1984.

June 7, 1984 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Emeritus Titles (contd)

HARRY L. COLES, JR., Department of History, with the title Professor Emeritus, effective July 1, 1984.

ERNEST G. EHLERS, Department of Geology and Mineralogy, with the title Professor Emeritus, effective July 1, 1984.

JUNE Z. FULLMER, Department of History, with the title Professor Emeritus, effective July 1, 1984.

GILBERT S. GUILER, Department of Agricultural Education, with the title Professor Emeritus, effective July 1, 1984.

ROBERT J. LENARDON, Department of Classics, with the title Professor Emeritus, effective July 1, 1984.

GEORGE E. MOORE, JR., Department of Geology and Mineralogy, with the title Professor Emeritus, effective July 1, 1984.

HERMAN W. NEWLAND, Department of Animal Science, with the title Professor Emeritus, effective July 1, 1984.

CLINTON V. OSTER, School of Public Administration, with the title Professor Emeritus, effective July 1, 1984.

ELTON F. PADDOCK, Department of Genetics, with the title Professor Emeritus, effective July 1, 1984.

LOREN S. PUTNAM, Department of Zoology, with the title Professor Emeritus, effective July 1, 1984.

FRANCES W. QUANTIUS, Department of Economics, with the title Professor Emeritus, effective July 1, 1984.

WALTER W. SEIFERT, School of Journalism, with the title Professor Emeritus, effective July 1, 1984.

NEAL A. SMITH, Department of Electrical Engineering, with the title Professor Emeritus, effective July 1, 1984.

JOHN T. STARLING, Department of Agricultural Education, with the title Professor Emeritus, effective July 1, 1984.

ROBERT B. SUTTON, Department of Educational Policy and Leadership, with the title Professor Emeritus, effective July 1, 1984.

ROBERT G. TURNBULL, Department of Philosophy, with the title Professor Emeritus, effective July 1, 1984.

PAUL S. UNDERWOOD, School of Journalism, with the title Professor Emeritus, effective July 1, 1984.

June 7, 1984 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Emeritus Titles (contd)

JAMES W. LOTZ, College of Dentistry (Community Dentistry), with the title Associate Professor Emeritus, effective July 1, 1984.

JAMES C. MACDONALD, School of Journalism, with the title Associate Professor Emeritus, effective July 1, 1984.

WALTHER P. MICHAEL, Department of Economics, with the title Associate Professor Emeritus, effective September 1, 1984.

ROGER A. MILLER, Department of Agricultural Engineering, with the title Associate Professor Emeritus, effective July 1, 1984.

ALMA L. WITTMAYER, College of Nursing, with the title Associate Professor Emeritus, effective July 1, 1984.

GEORGE H. BONNELL, Department of Family Medicine, with the title Assistant Professor Emeritus, effective July 1, 1984.

VIRGIL L. CARNES, College of Dentistry (Oral Surgery), with the title Assistant Professor Emeritus, effective July 1, 1984.

KATHERINE F. WHINNERY, Cooperative Extension Service, with the title Assistant Professor Emeritus, effective June 1, 1984.

BENJAMIN R. WILTBERGER, Department of Surgery, with the title Clinical Professor Emeritus, effective July 1, 1984.

FAYE S. SMITH, Office of the Board of Trustees, with the title Assistant to the Secretary of the Board of Trustees Emeritus, effective July 1, 1984.

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

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RESOLUTIONS IN MEMORIAM

Resolution No. 84-144

Synopsis: Resolutions honoring the service of three of the University's faculty members who have recently died are being 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.

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

June 7, 1984 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Maurice L. Giltz

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on April 30, 1984, of Maurice L. Giltz, Professor Emeritus in the Department of Zoology, College of Biological Sciences.

Dr. Giltz was born September 24, 1910, in Massillon, Ohio. He completed his B.S. in Biology in 1937 at Capital University. Dr. Giltz taught Biology at South Bloomfield High School from 1937-41, and he taught Biology and coached at Massillon High School from 1941-43. He was awarded an M.S. degree in 1942 on completion of his research at the Stone Laboratory of The Ohio State University. Dr. Giltz was a Naval Officer during World War II serving from 1943-46. He studied for his doctorate in Zoology at The Ohio State University working with Dr. David F. Miller, and he received the Ph.D. in 1954. Dr. Giltz was appointed an Instructor in Zoology in 1949, Assistant Professor in 1954, Associate Professor in 1959, and Professor in 1968.

Dr. Giltz taught general zoology, anatomy and ornithology. He delighted in field work where students learned the biology of birds. He worked closely with the Columbus Metropolitan Parks and was a loyal member of the Wheaton Club, central Ohio's society of field naturalists. Research concerning birds was an important part of his academic life. Working with others, he was responsible for the live trapping and banding of many thousands of birds in the Columbus area. This work led to publications concerning the migratory patterns of these birds. He cooperated with the Agriculture Research and Development Center at the Maples Marsh in Sandusky researching the depredation of crops brought about by blackbirds. He was a pioneer in management studies of blackbird populations. He retired from the Zoology Department in June, 1981.

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 in 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 and The Ohio State University have sustained.

William B. Logan

The Board of Trustees of The Ohio State University expresses its sorrow upon the death of William B. Logan, Professor Emeritus in the Department of Educational Policy and Leadership, Division of Vocational-Technical Education.

A native of North Carolina, Professor Logan joined the faculty in 1948 and was awarded a Ph.D. in Education in 1952. His B.A. was earned at Furman in 1939 and his M.S. at the University of North Carolina in 1944. Professor Logan began his professional career by teaching high school distributive education in Ashville, North Carolina. Later he served in administration in the State Department of Public Instruction and in teacher education at the University of North Carolina.

June 7, 1984 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

William B. Logan (contd)

In addition to his undergraduate and graduate instruction at OSU, Professor Logan engaged in extensive professional service. He was president of the American Vocational Association, served on President Kennedy's Panel of Consultants on Vocational Education, and several Office of Education panels. In addition, he was a visiting professor at numerous institutions and the author of three textbooks.

Upon his retirement from OSU in 1967, Professor Logan assumed the presidency of Webber College in Babson Park, Florida. During his twelve-year tenure as president, the college expanded from a two-year to a four-year institution. In 1973 he was elected president of the Florida Association of Colleges and Universities.

Dr. Logan's contributions were recognized by OSU through the awarding to him of a Centennial Award for his contribution to vocational-technical education.

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.

William J. Miller

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on April 12, 1984 of William J. Miller, M.D., Professor Emeritus in the Department of Otolaryngology.

Dr. Miller was born December 12, 1908. He received his B.S. from Valparaiso University and his M.D. from Indiana University Medical School. Following this, he completed postdoctoral training at Epworth Hospital in Indiana and at The Ohio State University, followed by training at Washington University and Lempert Institute of Otolaryngology.

Dr. Miller was appointed to the faculty in the Department of Otolaryngology as a Clinical Instructor in 1944. He progressed steadily through the several intermediate faculty ranks to become a Clinical Professor in 1970. Upon his retirement from the faculty in 1980, he was granted the title of Professor Emeritus.

Dr. Miller's association with the College of Medicine entailed service both at Children's Hospital and University Hospitals. In these situations, he worked closely with resident physicians and medical students and was regarded by all as a bulwark of the department. Dr. Miller was among the earliest to pick up innovative procedures and he was especially well known throughout Central Ohio as a surgeon who pioneered the fenestration procedure for the treatment of otosclerotic deafness. His warm personality and dedication to medical teaching made him a most influential member of the Department of Otolaryngology.

June 7, 1984 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

William J. Miller (contd)

On behalf of the University community, the Board of Trustees expresses to the family of Dr. Miller its deepest sympathy. 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 sincere appreciation of the Board's realization of the loss that the family, the University and his many friends and associates have sustained.

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

Resolution No. 84-145

Synopsis: The reports on contracts, grants, and gifts and the summaries for April, 1984 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, and The Ohio State University Development Fund during the month of April, 1984, be approved.

Upon motion of Mr. Immke, seconded by Mr. Berry, the foregoing resolution was adopted by the Board of Trustees by unanimous voice vote.

SUMMARY FOR APRIL 1984

Source	No. of Projects	Support Level
The Ohio State University Research Foundation	68	\$4,196,470.00
Engineering Experiment Station	1	\$ 101,690.00
		\$4,298,160.00

June 7, 1984 meeting, Board of Trustees

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

SUMMARY FOR APRIL 1984 (contd)

The Ohio State University Development Fund

Establishment of Named Funds

Lane Schick Trust Fund (Provide grants for medical students from Guernsey or Belmont Counties)	\$ 99,617.92
Leland and Jessie Emerson Browne Scholarship Fund in Veterinary Medicine (Scholarships - College of Veterinary Medicine)	\$ 60,873.40
Edwin U. Wolfinger Scholarship Fund (Scholarships - Marion Campus)	\$ 35,000.00
Jack E. and Nan L. Lampton Scholarship Fund (Scholarships)	\$ 35,000.00
Harold A. James Fund (Income to be used at the discre- tion of the Dean of the College of Law)	\$ 21,108.00
Robert L. Bates Endowed Fund in Chemical Engineering (Fund special needs within said department)	\$ 16,090.00
Edgar W. Ingram Minority Assistance Scholarship Fund (Scholarships for minority students in the College of Law)	\$ 11,550.00
Dr. Manuel Tzagournis Education Fund (Support the scholarly endeavors of a physician or student who is actively involved in the field of Endocrinology)	\$ 10,000.00

June 7, 1984 meeting, Board of Trustees

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

SUMMARY FOR APRIL 1984 (contd)

The Ohio State University Development Fund (contd)

Establishment of Named Funds (contd)

Hoyt L. Sherman Memorial Scholarship Fund (Award one or more outstanding students majoring in art)	\$ 6,450.00
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Carl A. Lincke, M.D. Endowment Fund (Research projects - College of Medicine)	\$ 5,110.00
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Report from Presidents Club

Members to date	4,642
1983-84 members: fiscal year to date	91
1984 members: calendar year to date	27
New members - April 1984	6

New Presidents Club Members - April 1984

Franklin D. Fite	Donald A. Turner
James E. Houston*	James W. Vogel
Laurence E. Stempel	Harold N. Wilson*

*Enrolled under new requirements - \$2,000 annual gift

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

July through April
1982/83 compared to 1983/84
THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

	CONTRIBUTIONS BY SOURCE			CONTRIBUTIONS BY TYPE		
	Donors July through 82-83	July through 83-84	% Change	July through 82-83	July-April 83-84	% Change
Alumni	34,616	37,059	7	\$ 6,892,156	\$ 5,165,555	(25)
Non-Alumni	23,635	18,499	(22)	3,255,629	5,263,773	62
Corporations	1,391	1,476	6	3,655,835	4,364,084	19
Corporate Foundations	223	236	6	1,238,606	1,387,925	12
Private Foundations	111	121	9	646,096	923,682	43
Other Organizations	549	701	28	878,061	862,675	(2)
Total	60,525	58,088	(4)	\$16,566,383	\$17,967,694	8
Designated				\$13,256,546	\$15,159,722	14
Undesignated				1,138,664	1,263,847	11
Gifts-In-Kind				2,171,173	1,544,125	(29)
Total				\$16,566,383	\$17,967,694	8
Gifts (# of)				80,793	73,941	(8)

June 7, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Report - April 1984

Federal Research Contracts/Grants

\$615,868.00 - Department of Education, Office of Special Education and Rehabilitation Services, Washington, D. C., Regional Resource Center, Department of Human Services Education (T. M. Stephens), 1 June 1984 through 31 May 1985. (Project 763600 - Continuation)

\$449,894.00 - National Aeronautics and Space Administration, Lewis Research Center, Hampton, Virginia, Radar Cross Section Studies, Department of Electrical Engineering, ElectroScience Laboratory (L. Peters, Jr. and W. D. Burnside), 1 May 1984 through 30 April 1985. (Project 761608 - Continuation)

\$235,200.00 - Department of Education, Office of Postsecondary Education, Washington, D. C., Fellowship Program G*POP, Graduate School Administration (A. S. Pruitt), 1 September 1984 through 31 August 1985. (Project 764060 - Continuation)

\$200,000.00 - National Science Foundation, Washington, D. C., Motion Control, Natural Phenomena, and Parallel Architectures for Display Algorithms, Department of Art Education (C. A. Csuri), 1 December 1984 through 31 May 1985. (Project 763611 - Continuation)

\$155,521.00 - Department of Defense, Washington, D. C., The Basic Issues Involved in Military Competence: An Historical Examination, Mershon Center for Education and Department of History (A. R. Millett) and Department of History (W. Murray), 9 April 1984 through 30 September 1984. (Project 763532 - Continuation)

\$151,438.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Oncology Training Grant, Department of Medicine (S. P. Balcerzak), 1 July 1984 through 30 June 1985. (Project 761160 - Continuation)

\$146,308.00 - National Science Foundation, Washington, D. C., Soil Hydrology and Nutrient Dynamics in Tussock Tundra, Institute of Polar Studies (K. R. Everett), 15 June 1984 through 30 May 1985. (Project 763207 - Continuation)

\$126,830.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Biomedical Research Support Grant, College of Medicine - Administration (M. Tzagournis), 1 April 1984 through 31 March 1985. (Project 761078 - Continuation)

June 7, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$124,545.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Epstein-Barr Virus DNA in Transfected Cells, Department of Medical Microbiology and Immunology (M. R. Glaser), 1 April 1984 through 31 March 1985. (Project 762623 - Continuation)

\$111,245.00 - Department of Energy, Argonne, Illinois, Investigation of Ultrasonic Wave Interactions at Boundaries Separating Anisotropic Materials, Department of Welding Engineering (L. Adler), 1 April 1984 through 31 March 1985. (Project 764033 - New)

\$106,873.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Biomedical Research Support Grant, Graduate School Administration (J. B. LaPidus), 1 April 1984 through 31 March 1985. (Project 764748 - Continuation)

\$100,000.00 - National Science Foundation, Washington, D. C., Equipment for Research in Nuclear Physics at Low and Intermediate Energies, Including Investigations of Fundamental Symmetries and Nuclear Astrophysics, Department of Physics (R. N. Boyd, T. R. Donoghue, S. L. Blatt, E. R. Sugarbaker and H. J. Hausman), 15 April 1984 through 31 March 1985. (Project 764075 - New)

\$91,900.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Diazo, Triazeno, and Novel Heterocyclic Compounds, Department of Chemistry (H. Shechter), 1 April 1984 through 31 March 1985. (Project 762793 - Continuation)

\$81,502.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Synthesis of Substituted Polycyclic Hydrocarbons, Department of Chemistry (M. S. Newman), 1 April 1984 through 31 March 1985. (Project 761809 - Continuation)

\$80,540.00 - Department of Energy, Argonne, Illinois, Chemoradiotherapy of Cancer Using Boronated Monoclonal Antibodies, College of Pharmacy (A. H. Soloway) and Department of Pathology (R. F. Barth), 1 April 1984 through 31 March 1985. (Project 763051 - Continuation)

\$78,216.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Chemical Modification of Plastocyanin, Department of Biochemistry (E. L. Gross), 1 May 1984 through 30 April 1985. (Project 763080 - Continuation)

June 7, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$70,000.00 - 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), 1 June 1984 through 30 September 1984. (Project 762009 - Continuation)

\$51,534.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Lung CO₂ Receptors and Ventilatory Control, Department of Anesthesiology (R. D. Tallman, Jr.), 1 May 1984 through 30 April 1985. (Project 763073 - Continuation)

\$51,078.00 - Department of Transportation, National Highway Traffic Safety Administration, East Liberty, Ohio, Side Impact Aggressiveness Attributes, Department of Mechanical Engineering (D. A. Guenther), 1 April 1984 through 31 March 1985. (Project 764054 - New)

\$50,575.00 - Department of Education, Office of Special Education and Rehabilitation Services, Washington, D. C., Regional Resource Center, Department of Human Services Education (T. M. Stephens), 1 June 1984 through 31 May 1985. (Project 763600 - Continuation)

\$48,000.00 - National Science Foundation, Washington, D. C., Planar Front Solidification Simulation, Department of Industrial and Systems Engineering (R. L. Lewis), 1 May 1984 through 30 April 1986. (Project 764067 - New)

\$47,950.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, Analysis of the Scattering from an Inlet Geometry with Lossy Walls, Department of Electrical Engineering, ElectroScience Laboratory (P. H. Pathak), 13 April 1984 through 12 January 1985. (Project 763822 - Continuation)

\$45,000.00 - National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, Research on Analysis of Large Aperture Reflector Antennas, Department of Electrical Engineering, ElectroScience Laboratory (R. C. Rudduck), 1 April 1984 through 30 November 1984. (Project 763724 - Continuation)

\$40,000.00 - National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland, Improvement of Knowledge Regarding Earth's Gravity Field from Terrestrial and Satellite Data, Department of Geodetic Science and Surveying (R. H. Rapp), 1 June 1984 through 31 May 1985. (Project 760056 - Continuation)

June 7, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$38,000.00 - Department of Education, Office of Special Education and Rehabilitation Services, Washington, D. C., Handicapped Personnel Preparation, Preparation of Special Educators, School of Health, Physical Education, and Recreation (W. F. Ersing), 1 June 1984 through 31 May 1985. (Project 763768 - Continuation)

\$36,306.00 - Department of Agriculture, Animal and Plant Health Inspection Service, Oak Brook, Illinois, Alfalfa Weevil and Mexican Bean Beetle Biological Control Program, Cooperative Extension State Operations and Department of Plant Pathology (I. W. Deep), 1 April 1984 through 30 September 1984. (Project 764065 - New)

\$35,600.00 - National Science Foundation, Washington, D. C., Study of a Gas-Liquid-Solid Fluidized Bed Containing a Binary Mixture of Particles, Department of Chemical Engineering (L. S. Fan), 1 May 1984 through 30 April 1985. (Project 763527 - Continuation)

\$28,307.00 - Department of Transportation, National Highway Traffic Safety Administration, East Liberty, Ohio, Pedestrian Cadaver Tests Preliminary Analysis, Department of Chemical Engineering (D. A. Guenther), 1 April 1984 through 31 December 1984. (Project 764048 - New)

\$27,000.00 - Department of Transportation, National Highway Traffic Safety Administration, East Liberty, Ohio, Preliminary Development of a Multi-Directional Hybrid III Dummy, Department of Mechanical Engineering (R. L. Stalnaker), 1 March 1984 through 31 October 1984. (Project 764057 - New)

\$26,635.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Biomedical Research Support Grant, College of Pharmacy (A. H. Soloway), 1 April 1984 through 31 March 1985. (Project 760661 - Continuation)

\$25,000.00 - National Science Foundation, Washington, D. C., An Experimental and Modeling Investigation of Supercritical Carbon Dioxide and Water in Ternary Systems, Department of Chemical Engineering (H. C. Hershey), 1 April 1984 through 31 March 1985. (Project 764053 - New)

\$24,940.00 - Environmental Protection Agency, Washington, D. C., Effects of Toxic Substances on Growth, Survival and Pathology of Larval Fishes in the River Raisin Estuary, Michigan, Lake Erie, Center for Lake Erie Area Research (C. E. Herdendorf), 27 June 1983 through 26 June 1985. (Project 763665 - Continuation)

June 7, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$23,225.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Biomedical Research Support Grant, College of Veterinary Medicine - Administration (R. A. Wright), 1 April 1984 through 31 March 1985. (Project 762776 - Continuation)

\$19,700.00 - National Science Foundation, Washington, D. C., Spectroscopic Studies of Active Galaxies and Quasi-Stellar Objects, Department of Astronomy (B. M. Peterson), 15 April 1984 through 31 October 1984. (Project 764070 - Continuation)

\$18,000.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Conference: Skeletal, Heart and Smooth Muscle Energetics, Department of Physiology (J. A. Rall), 1 April 1984 through 31 March 1985. (Project 764051 - New)

\$12,702.00 - Department of Health and Human Services, Public Health Service, Health Resources and Services Administration, Rockville, Maryland, Traineeships, Graduate Health Administration Programs (Formula), College of Medicine - Administration (S. F. Loeb), 1 July 1984 through 30 June 1985. (Project 764066 - Continuation)

\$8,292.00 - Department of Health and Human Services, Public Health Service, Health Resources and Services Administration, Rockville, Maryland, A Study of Maternal Separation Anxiety in Mothers of Second-Born Infants, Department of Family Relations and Human Development (E. R. Hock and M. S. Pitzer), 1 April 1984 through 31 March 1985. (Project 763456 - Continuation)

\$4,350.00 - Department of the Army, Army Research Office, Research Triangle Park, North Carolina, Conference on Group Theory in Statistics, Department of Statistics (P. K. Goel), 9 April 1984 through 8 April 1985. (Project 764074 - New)

\$3,328.00 - Department of the Navy, Office of Naval Research, Washington, D. C., Xenon Probe Laser for Atmospheric Studies, Department of Electrical Engineering, ElectroScience Laboratory (E. K. Damon), 30 June 1983 through 31 July 1983. (Project 762346 - Continuation)

\$3,119.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Open Loop Forcing of Chest Volume and CO₂ Concentration, Department of Physiology (A. L. Kunz), 1 April 1983 through 31 March 1984. (Project 761572 - Continuation)

June 7, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$2,941.00 - Department of Transportation, National Highway Traffic Safety Administration, East Liberty, Ohio, Side Impact Aggressiveness Attributes - Statistical Analysis, Department of Statistics (P. K. Goel), 19 March 1984 through 1 June 1984. (Project 764073 - New)

\$2,500.00 - Department of the Army, Army Corps of Engineering, Fort Sheridan, Illinois, Armed Services Vocational Aptitude Battery (ASVAB) Advisory Panel, The National Center for Research in Vocational Education (R. E. Taylor), 1 April 1984 through 28 September 1984. (Project 763319 - Continuation)

TOTAL - FEDERAL AWARDS \$3,599,962.00

State of Ohio Research Contracts/Grants

\$66,931.00 - State of Ohio, Department of Health, Columbus, Ohio, Care of the High Risk Mother and Infant (Clinic), Department of Pediatrics (L. Cordero) and Department of Obstetrics and Gynecology (F. P. Zuspan), 1 April 1984 through 30 September 1984. (Project 764100 - Continuation)

\$8,636.00 - State of Ohio, Department of Youth Services, Columbus, Ohio, Graduate Student Internship, Department of Human Services Education (D. S. Hill), 1 March 1984 through 31 August 1984. (Project 764041 - New)

\$4,220.00 - State of Ohio, Department of Mental Health, Columbus, Ohio, Coping with Victimization: The Impact of Rape on Survivors and Male Significant Others, Impact on Recovery and Interpersonal Relationships, Department of Family Relations and Human Development (P. C. McKenry), 1 April 1984 through 30 June 1984. (Project 764026 - New)

\$3,294.00 - State of Ohio, Department of Health, Columbus, Ohio, Care of the High Risk Mother and Infant (Outreach), Department of Pediatrics (L. Cordero) and Department of Obstetrics and Gynecology (F. P. Zuspan), 1 January 1984 through 30 June 1984. (Project 764052 - New)

\$1,000.00 - State of Ohio, The Ohio Humanities Council, Columbus, Ohio, Spain, 1984, An Interdisciplinary Symposium, Department of Romance Languages and Literatures (S. J. Summerhill), 13 March 1984 through 30 June 1984. (Project 764061 - New)

TOTAL - STATE OF OHIO AWARDS \$ 84,081.00

June 7, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial Research Contracts/Grants

\$66,579.00 - The Standard Oil Company (SOHIO), Cleveland, Ohio, Electro-Catalytic Reduction of Carbon Monoxide and Carbon Dioxide to Carbon-Based Products, Department of Chemistry (T. Kuwana and D. W. Meek), 1 July 1984 through 30 June 1985. (Project 763417 - Continuation)

\$42,000.00 - Abbott Laboratories, North Chicago, Illinois, Prospective Randomized Evaluation of Impersol System 3 Compared to Standard CAPD Spike and Clam Shell Connectors, Department of Medicine (W. H. Bay), 1 April 1984 through 31 March 1985. (Project 764046 -New)

\$29,948.00 - Rockwell International Corporation, Anaheim, California, Satellite Antenna Study, Department of Electrical Engineering, ElectroScience Laboratory (E. H. Newman), 1 March 1984 through 30 June 1984. (Project 764058 - New)

\$26,812.00 - Westinghouse Electric Corporation, Baltimore, Maryland, Target Scattering Image Studies, Department of Electrical Engineering, ElectroScience Laboratory (J. D. Young), 2 April 1984 through 1 December 1984. (Project 764068 - New)

\$17,000.00 - Martin Marietta Corporation, Oakridge, Tennessee, Study the Relationships between Fracture Mechanics and Ultrasonic Parameters of Graphnol, Department of Welding Engineering (L. Adler), 1 March 1983 through 30 September 1984. (Project 763507 - Continuation)

\$7,600.00 - Airtron, Inc., Morris Plains, New Jersey, Magneto-Optical Properties and Crystalline Anisotropy Fields in the Bismuth-Doped Magnetic Garnets, Department of Physics (P. E. Wigen), 23 February 1984 through 24 February 1985. (Project 764049 - New)

\$4,056.00 - Price Waterhouse and Company, Washington, D. C., ARAMCO Training Program, The National Center for Research in Vocational Education (R. E. Taylor), 15 April 1982 through 23 December 1983. (Project 763094 - Continuation)

TOTAL - INDUSTRIAL AWARDS

\$ 193,995.00

Other Non-Federal Research Contracts/Grants

\$100,000.00 - Midwest Universities Consortium for International Activities, Inc., Champaign, Illinois, Burma Maize and Oilseeds Production Project, International Programs in Agriculture (H. D. Bauman), 22 September 1982 through 26 October 1986. (Project 763368 - Continuation)

June 7, 1984 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)

\$56,000.00 - Virginia Polytechnic Institute and State University, Blacksburg, Virginia, The Chemical Architecture of Molecular Ferromagnets, Department of Chemistry (D. H. Busch), 1 March 1984 through 31 March 1985. (Project 763742 - Continuation)

\$30,000.00 - California Institute of Technology, Pasadena, California, Support of the NASA Propagation Studies and Measurement Program, Department of Electrical Engineering, ElectroScience Laboratory (C. A. Levis and E. K. Damon), 1 April 1984 through 30 June 1984. (Project 763692 - Continuation)

\$28,545.00 - 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 1983 through 30 June 1984. (Project 760113 - Continuation)

\$27,170.00 - Children's Hospital Research Foundation, Columbus, Ohio, Subcontract-Children's Hospital Application to NIH-Pancreatic Function Testing with Lipid Analogues, Department of Veterinary Clinical Sciences (R. G. Sherding), 1 April 1984 through 31 March 1985. (Project 763995 - Continuation)

\$22,500.00 - Battelle Memorial Institute, Columbus, Ohio, Interdisciplinary Study of Basic Wear Mechanisms in Metals, Department of Metallurgical Engineering (D. A. Rigney), 16 April 1984 through 15 April 1985. (Project 763066 - Continuation)

\$15,000.00 - National Cancer Cytology Center, Plainview, New York, An in Vivo Model for the Inductive Chemotherapy of Hairy Cell Leukemia, Department of Pathology (R. F. Barth and W. C. Hooper), 1 March 1984 through 28 February 1985. (Project 763469 - Continuation)

\$12,000.00 - Iowa State University, Ames, Iowa, Develop Crime Prevention Educational Materials, Department of Agricultural Economics and Rural Sociology (J. F. Donnermeyer), 1 April 1984 through 30 September 1985. (Project 764064 - New)

\$7,000.00 - Ohio Manufacturers' Association, Columbus, Ohio, Economic Development and Industrial Retention, Department of City and Regional Planning (S. I. Gordon) and Department of Agricultural Economics and Rural Sociology (G. W. Morse), 1 April 1984 through 31 December 1984. (Project 764059 - New)

June 7, 1984 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)

\$5,814.00 - Cancer Therapy and Research Center, San Antonio, Texas, Multidisciplinary Participation in the Cancer Control Activities of the Southwest Oncology Group, Department of Pathology (R. O'Toole), 1 January 1984 through 31 December 1984. (Project 761460 - Continuation)

\$5,402.00 - Midwest Research Institute, Kansas City, Missouri, Consultative Assistance on Vocational Education and Economic Development for the Midwest Research Institute, The National Center for Research in Vocational Education (R. E. Taylor), 9 April 1984 through 30 June 1984. (Project 764069 - New)

\$4,000.00 - Battelle Memorial Institute, Columbus, Ohio, Alumina Tooth Implantation in Human Subjects, College of Dentistry - Crown and Bridge (M. O. Brose), 6 April 1984 through 15 June 1985. (Project 762936 - Continuation)

\$3,001.00 - Cancer Therapy and Research Center, San Antonio, Texas, Multidisciplinary Participation in the Cancer Control Activities of the Southwest Oncology Group, Department of Medicine (S. P. Balcerzak), 1 January 1984 through 31 December 1984. (Project 763118 - Continuation)

\$2,000.00 - Dermatology Foundation, Evanston, Illinois, Further Studies of Lichen Planus Specific Antigen, Department of Medicine (C. Camisa), 1 January 1984 through 31 December 1984. (Project 764056 - New)

TOTAL - OTHER NON-FEDERAL AWARDS \$ 318,432.00

ENGINEERING EXPERIMENT STATION

Industrial and Other Sponsored Research and Development

\$101,690.00 - from 29 sponsors of 33 development projects under the direction of six engineering departments.

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Establishment of Named Funds

Lane Schick Trust Fund

The Lane Schick Trust Fund was established June 7, 1984, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from the estate of Elizabeth Lane Schick, Cambridge, Ohio, in memory of her parents, Dr. and Mrs. Fred W. Lane, and her husband, Frank W. Schick.

June 7, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Lane Schick Trust 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 is to be used to advance teaching and research in the field of cancer and to provide grants for research and fellowships for deserving medical students from Guernsey or Belmont Counties in Ohio, or physicians involved in the study of cancer. The individuals selected to receive support will be chosen by the Dean of the College of Medicine.

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 responsible for research and teaching in the field of cancer.

Leland and Jessie Emerson Browne
Scholarship Fund in Veterinary Medicine

The Leland and Jessie Emerson Browne Scholarship Fund in Veterinary Medicine was established June 7, 1984, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Office of University Development from the estate of Jessie Emerson Browne, B.A. '12.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide one or more scholarships for veterinary students or fellowships to graduate students who have demonstrated academic ability and the need for financial assistance. The selection of the recipient(s) is to be made by the College of Veterinary Medicine.

Should the need for these scholarships and fellowships 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 veterinary medical education.

Edwin U. Wolfinger Scholarship Fund

The Edwin U. Wolfinger Scholarship Fund was established June 7, 1984, by the Board of Trustees of The Ohio State University with a gift to the Office of University Development from the estate of Edwin U. Wolfinger, Marion, Ohio.

June 7, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Edwin U. Wolfinger 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 is to be used to provide one or more academic scholarships to a Marion County student(s) attending the Marion Campus of The Ohio State University. The selection of the award recipient(s) is to be made by the Marion Campus Scholarship Committee and Dean in consultation with The Ohio State University Scholarship Committee.

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 purposes whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official at the Marion Campus for the benefit of the Marion Campus.

Jack E. and Nan L. Lampton Scholarship Fund

The Jack E. and Nan L. Lampton Scholarship Fund was established June 7, 1984, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Nannie L. Lampton in memory of her husband, Jack E. Lampton. Mr. and Mrs. Lampton have resided for a number of years in 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 is to be used to provide one or more scholarships for entering freshmen or enrolled undergraduate students who demonstrate financial need and have strong academic ability. Purpose of the scholarship(s) is to enable qualified students to acquire an education which the donors were unable to obtain. Selection of the scholarship recipient(s) is to be made upon the recommendation of the University Student Financial Aid Committee. The scholarship(s) are renewable by recipients on their reapplication for consideration along with other qualified applicants. The donor, Mrs. Lampton, for as long as she desires, is to be notified of all scholarship appointments.

Should the need for these scholarships cease to exist or so diminish as to provide unused income, then the income may be used for any purposes whatsoever as determined by the Board of Trustees, consistent with the above purposes, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for student financial aid.

June 7, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Harold A. James Fund

The Harold A. James Fund was established June 7, 1984, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Mr. Harold A. James, J.D. '29, of Toledo, Ohio.

The gift is to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used at the discretion of the Dean of the College of Law of The Ohio State University.

Should the need for this fund cease to exist or so diminish as to provide unused income, 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 College of Law.

Robert L. Bates Endowed Fund in Chemical Engineering

The Robert L. Bates Endowed Fund in Chemical Engineering was established June 7, 1984, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from friends and associates of Robert L. Bates, BChE '48, ChE '58, Dayton, 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 Chairman of the Department of Chemical Engineering, in consultation when possible with Robert L. Bates, to fund special needs within said department. These special needs may include scholarships, fellowships, equipment acquisition and faculty development.

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 engineering education.

June 7, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Edgar W. Ingram Minority Assistance
Scholarship Fund

The Edgar W. Ingram Minority Assistance Scholarship Fund was established June 7, 1984, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from The Edgar W. Ingram Foundation of Columbus, Ohio, and alumni of The Ohio State University College of Law.

The gift is to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide scholarships for minority students in the OSU College of Law with preference being given to law students who are from the Central Ohio area.

Should the need for this fund cease to exist or so diminish as to provide unused income, 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 College of Law.

Dr. Manuel Tzagournis Education Fund

The Dr. Manuel Tzagournis Education Fund was established June 7, 1984, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from members and friends of the Annunciation Greek Orthodox Church of Columbus, Ohio, in honor of Dr. Manuel Tzagournis, B.S. '56, M.D. '60, M.S. '67, 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 is to be used to support the scholarly endeavors of a physician or student who is actively involved in the field of Endocrinology. The recipient will be selected by the Dean of the College of Medicine.

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 then responsible for the College of Medicine.

June 7, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Fund (contd)

Hoyt L. Sherman Memorial Scholarship Fund

The Hoyt L. Sherman Memorial Scholarship Fund was established June 7, 1984, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from alumni and friends in memory of Hoyt L. Sherman, B.A. '28, whose career at Ohio State spanned 46 years of teaching and research in the College of The Arts, Department of Art.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be awarded to one or more outstanding students who major in art. Recipients will be selected by established procedures within the Department of Art, with final approval by the Chairperson of the Department in consultation with the appropriate art faculty, and with the approval of the Dean of the College of The Arts.

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 academic programs in the Department of Art.

Carl A. Lincke, M.D. Endowment Fund

The Carl A. Lincke, M.D. Endowment Fund was established June 7, 1984, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund by friends, patients, and associates of Dr. Carl A. Lincke, M.D., 1931, in conjunction with the Carroll County Chamber of Commerce.

All gifts are to be invested in the University's Permanent Endowment Fund under the Rules and Regulations adopted by the 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 advancement of medical knowledge through various research projects as determined by the Dean of the College of Medicine.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for whatever purpose as determined by the Board of Trustees with preference being given to recommendation from the appropriate official of the College of Medicine.

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June 7, 1984 meeting, Board of Trustees

PLANS AND SPECIFICATIONS

Resolution No. 84-146

Synopsis: Approval of plans and specifications for the following projects is proposed.

WHEREAS at the request of the Vice President for Business and Finance, the President recommended that the Board of Trustees approve the plans and specifications, bills of materials, and estimates of cost for the following projects:

ROOF REPLACEMENT - JESSE OWENS RECREATIONAL FACILITIES
(NORTH, SOUTH AND WEST)

Project: Remove existing saturated roof insulation, replace deteriorated roof deck and apply waterproof membrane over roof of each of the three designated buildings. The total roof area to be coated is approximately 90,000 square feet.

Funding: University Funds, B/A 210134 (Contract Repair - 84-85)

Estimated Construction Cost: \$325,000.00

Estimated Project Cost: \$363,200.00

WILLIAM OXLEY THOMPSON MEMORIAL LIBRARY
(MAIN LIBRARY) SKYLIGHT ENCLOSURE

Project: This project will provide a protective enclosure over the existing leaking skylight by means of an aluminum truss framing roof system, complete with clear acrylic roof panels and side panels. This enclosure will protect the existing skylight from leaks and the elements by revising the current drainage system to handle the water during heavy volume demand conditions so as not to cause flooding conditions in the interior display areas and wall surfaces, and also maintain a natural light source into the existing library space below.

Funding: University Funds, B/A 210134 (Contract Repair - 84-85)

Estimated Construction Cost: \$100,000.00

Estimated Project Cost: \$130,000.00

June 7, 1984 meeting, Board of Trustees

PLANS AND SPECIFICATIONS (contd)

OUTDOOR PERFORMANCE CENTER

Project: This landscape project, to be known as the Outdoor Performance Center, at the Browning Amphitheater in Mirror Lake Hollow will consist of an improved stage area, stone columns to define the proscenium, provisions to accommodate light and sound equipment, and landscape materials to provide functional and aesthetic improvement to the area.

Funding: Ohio Staters, Inc. 50th Anniversary Gift Fund

Estimated Construction Cost: \$ 85,000.00

Estimated Project Cost: \$100,000.00

NOW THEREFORE

BE IT RESOLVED, That the plans and specifications, bills of materials, and estimates of cost for the projects listed above be approved and that the President and/or Vice President for Business and Finance be authorized to sign the plans and specifications for these projects and, in accordance with established University procedures, to request bids and, if satisfactory bids are received, to recommend to the Department of Administrative Services, Division of Public Works, the award of necessary contracts; and

BE IT FURTHER RESOLVED, That this action be reported to the Board at a later meeting.

Upon motion of Mr. Immke, seconded by Mr. Berry, 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. 84-147

Synopsis: Contracts have been awarded for the projects listed below to the lowest and best bidders in accordance with University procedures.

WHEREAS resolutions adopted by the Board of Trustees at previous meetings authorized the President and/or Vice President for Business and Finance to sign the plans and specifications and, in accordance with established University procedures, to request bids and, if satisfactory bids were received, to recommend to the Department of Administrative Services, Division of Public Works, the award of contracts for the following projects:

June 7, 1984 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

CAMPUS ENTRANCE RENOVATION
12TH AVENUE AND HIGH STREET AND
WOODRUFF AVENUE AND HIGH STREET

Description: This renovation project will provide paving and reconstruction of limestone entrance wall panels with the University logo to enhance the identification of these areas as entrances to the Campus. Work is to begin after June 13, 1984, and will be completed no later than September 1, 1984.

General Contract

Date Received:	April 4, 1984
No. of Bids:	5
Low Bid:	\$112,500.00
High Bid:	\$138,000.00
Estimate of Cost:	\$115,000.00
Awarded to:	Sigma Construction Co., Lancaster, Ohio
Total All Contracts:	\$112,500.00
Total Contingency Allowance:	\$ 5,950.98 (which is 5 per cent of construction costs)
Total Project Cost:	\$121,000.00
Funding:	University Funds B/A 210134 (Contract Repair)

TWELFTH AVENUE - REPAIR AND RESURFACE
NEIL AVENUE TO HIGH STREET

Description: Plane off existing surface, excavate and patch areas which are badly deteriorated, install new curbs where needed, and resurface with asphalt overlay. Work is to begin after June 13, 1984, and will be completed no later than September 1, 1984.

General Contract

Date Received:	April 4, 1984
No. of Bids:	5
Low Bid:	\$68,533.00*
High Bid:	\$84,810.00*

*Recommended alternate reflected in these figures.

June 7, 1984 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

TWELFTH AVENUE - REPAIR AND RESURFACE
NEIL AVENUE TO HIGH STREET (contd)

General Contract (contd)

Estimate of Cost:	\$95,000.00*
Awarded to:	Strawser Paving, Columbus, Ohio
Total All Contracts:	\$68,533.00*
Total Contingency Allowance:	\$ 4,799.48 (which is 7 per cent of construction costs)
Total Project Cost:	\$75,000.00*
Funding:	University Funds B/A 210134 (Contract Repair)

*Recommended alternate reflected in these figures.

NOW THEREFORE

BE IT RESOLVED, That pursuant to the actions previously authorized by the Board, the award of contracts and the establishment of project funds and contingency funds for the projects listed above are hereby approved.

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

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COLUMBUS TELEPORT CORPORATION

Resolution No. 84-148

Synopsis: Authorization for the purchase of additional shares in the Columbus Teleport Corporation is proposed.

WHEREAS the Board of Trustees in October, 1982, authorized the Treasurer of the Board of Trustees to purchase shares in the amount of \$35,000 from unrestricted gift sources in order to purchase equity shares in Columbus Teleport Corporation in an amount greater than eight percent but less than twenty-five percent of the Corporation; and

WHEREAS the purchase of additional equity shares by The Ohio State University is desirable in order to continue the University's one-fourth position as a participant in Columbus Teleport Corporation and in order to obtain the educational and economic benefits that Columbus Teleport Corporation offers to The Ohio State University; and

June 7, 1984 meeting, Board of Trustees

COLUMBUS TELEPORT CORPORATION (contd)

WHEREAS each of the other shareholders of the Columbus Teleport Corporation have agreed to make an additional capital contribution in an amount not to exceed \$15,000 in order to purchase equity shares; and

WHEREAS the President recommended to the Board of Trustees that it authorize the purchase of shares by the University from Development Fund monies in an additional amount not to exceed \$15,000 in order to purchase equity shares in an amount greater than eight percent but less than or equal to twenty-five percent of the corporation in Columbus Teleport Corporation;

NOW THEREFORE

BE IT RESOLVED, That the Treasurer of the Board of Trustees is authorized to purchase additional shares in an amount not to exceed \$15,000 from unrestricted gift sources in order to purchase equity shares in Columbus Teleport Corporation in an amount greater than eight percent but less than or equal to twenty-five percent of the Columbus Teleport Corporation, on the condition that the other three principal shareholders of Columbus Teleport Corporation purchase equity shares in an amount equal to that of The Ohio State University.

Upon motion of Mr. Immke, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution with eight affirmative votes cast by Messrs. Hilliker, Havens, Galbreath, Redman, Immke, Berry and Barone and Mrs. Bowser, and an abstention by Mr. Teaford.

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COLLEGE OF DENTISTRY PROFESSIONAL LIABILITY INSURANCE

Resolution No. 84-149

Synopsis: Authorization for the purchase of professional liability insurance for College of Dentistry personnel and students is proposed.

WHEREAS under Section 3345.201 O.R.C. the Board of Trustees is authorized to purchase liability insurance for University Hospital employees and/or employees of ambulatory facilities; and

WHEREAS Section 2743.02 (C) O.R.C. authorized any hospital (as defined in Section 2305.11 (D) (1)) to purchase liability insurance covering the activities of its staff; and

WHEREAS under Sections 3345.20 (B) and 3345.30 (A) and (B), the Board of Trustees is authorized to purchase liability insurance for students engaged in clinical experiences occurring in a course required for graduation; and

WHEREAS a review of the University's liability insurance needs has been made by various University officials and offices, and on the basis of this review it has been determined that a liability insurance program for College of Dentistry faculty, staff and students should be established within appropriate fiscal and legal parameters:

June 7, 1984 meeting, Board of Trustees

COLLEGE OF DENTISTRY PROFESSIONAL LIABILITY INSURANCE (contd)

NOW THEREFORE

BE IT RESOLVED, That pursuant to Sections 3345.201, 2305.11 (D) (1), 2743.02 (C), 3345.20 (B) and 3345.30 (A) and (B) O.R.C., the Benham Insurance Associates, Inc. be awarded the dental professional liability insurance program for the intramural practice of the College of Dentistry personnel and students while acting within the scope of their assigned duties/responsibilities; and

BE IT FURTHER RESOLVED, That the insurance policy be consistent with the following guidelines:

- 1) The limits of liability shall be \$1,000,000 per occurrence and \$1,000,000 annual aggregate to each named insured.
- 2) The estimated annual premium is \$18,330.00.
- 3) Funds paying the premium are budgeted within the College of Dentistry.
- 4) This coverage shall remain in effect for three (3) years beginning July 1, 1984, unless otherwise determined at the sole discretion of this Board.

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

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AIRCRAFT, HANGARKEEPERS AND STUDENT FLIGHT INSURANCE

Resolution No. 84-150

Synopsis: Renewal of the Aircraft, Hangarkeepers and Student Flight Insurance is proposed.

WHEREAS coverage under the existing contracts for Aircraft, Hangarkeepers and Student Flight Insurance is expiring and competitive bids were solicited and received on May 8, 1984, to renew said coverages; and

WHEREAS the bids invited alternative coverages with the University reserving the right to select the program which, in its judgment, provided the most coverage commensurate with the premium quoted; and

WHEREAS United States Aviation Underwriters, John B. Koch, Agent, submitted the only proposal providing coverage for the Aircraft and Hangarkeepers coverages with an indicated annual premium of \$63,918, this proposal providing for three years of coverage subject to annual review; and

WHEREAS the Continental Casualty Company, Heckman Insurance Agency, Inc., Agent, submitted the only proposal providing coverage for the Student Flight Insurance program with a premium of \$20 per student for courses continuing more than one quarter and \$10 per student for courses lasting one quarter; and

June 7, 1984 meeting, Board of Trustees

AIRCRAFT, HANGARKEEPERS AND STUDENT FLIGHT INSURANCE (contd)

WHEREAS the bid proposals have been reviewed and have received the concurrence of the Department of Aviation and the Office of Personnel Services:

NOW THEREFORE

BE IT RESOLVED, That the United States Aviation Underwriters be awarded the Aircraft and Hangarkeepers coverages and the Continental Casualty Company be awarded the Student Flight Insurance coverage effective on the expiration of the present contracts, and that these coverages shall continue in effect until it is deemed appropriate to seek new quotations.

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

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1984-85 CURRENT FUNDS BUDGET

Resolution No. 84-151

Synopsis: The budget for 1984-85 is being submitted for adoption.

WHEREAS the levels of State support have been established for the second year of the 1983-85 biennium; and

WHEREAS appropriate planning and consultation within the University has been accomplished; and

WHEREAS the President is now prepared to present a balanced 1984-85 budget:

NOW THEREFORE

BE IT RESOLVED, That the University Current Funds Budget for Fiscal Year 1984-85, 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 tuition and fees be increased by an average of 6 percent beginning Autumn Quarter, 1984, and that the Schedule of Student Fees effective Autumn Quarter, 1984, be hereby approved; and

BE IT FURTHER RESOLVED, That the Secretary be instructed to incorporate all supporting documents into the minutes of this meeting, including faculty tenure approvals, salary rolls with promotions, fees and charges for the Fiscal Year 1984-85, and to file these materials with the official records of this University.

June 7, 1984 meeting, Board of Trustees

1984-85 CURRENT FUNDS BUDGET (contd)

Mr. Hilliker made the following statement:

Before we ask for a motion on that resolution, I would like to read the following report from the Personnel Committee of the Board, which met this morning.

On September 1, 1984, President Jennings will begin his fourth year as President of this University. It hardly seems possible that three years have elapsed since the search and selection process of 1981, and that there has been time for all of the splendid achievements which have been noted during the interim. Although this Board has made an ongoing evaluation of the President's performance, it is our view that from time to time it is necessary and desirable that the results of our evaluations and assessments be publicly recorded.

As everyone would agree, most institutions of higher education are incredibly complex and require unique skills, ability, imagination, insight and leadership vitality at the highest levels. The Ohio State University, being truly the most complex, the most diverse, and certainly one of the most outstanding public institutions in this country, has been most fortunate in having in the chief leadership position, an individual in Dr. Jennings who meets in every respect the ideals of a modern university president. President Jennings, during his short tenure, has not only brought a new vitality and enthusiasm to the institution but has demonstrated unusual talent and skills in working with the diverse constituencies of the University--leaders of government, both federal and state; members of this Board; alumni of the University; faculty, staff and students.

Through his leadership he has brought about a new awareness and concern for the overriding quest for excellence in education--and, for that matter, in all that we do here at the University. It is a strong testament to his leadership that morale is high, the budget is balanced, and the basic missions and accomplishments of the University are getting more recognition today than at any time in the recent past.

In sum, it is our firm conviction that President Jennings's service to the University over the past three years has been of exceptional merit and has contributed in incalculable ways to the overall esteem, sustained interest and high regard for The Ohio State University.

Given the exceptional and meritorious performance of President Jennings, it is the desire of the University that his service be so recognized. We believe that his value to the University is such that he should be provided some monetary recognition. In accordance with this thinking, we have concluded that President Jennings should be given an increase of \$8,000.00 for the 1984-85 year.

June 7, 1984 meeting, Board of Trustees

1984-85 CURRENT FUNDS BUDGET (contd)

Mr. Hilliker (contd)

May I now have a motion concerning both this report and the resolution on the Current Funds Budget?

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

1984-85 CURRENT FUNDS BUDGET
THE OHIO STATE UNIVERSITY

I. INTRODUCTION

The 1984-85 budget being recommended is different from those presented over the past three years since this budget can be presented to this Board without the uncertainties in State funding. While the State support for 1984-85 remains extremely limited, this year of fiscal stability has provided the members of this University community a restored faith that looks forward to a year of progress rather than attempting to rebuild from the disasters of midyear budget cuts.

Even with budget stability, The Ohio State University must continue to operate with an extremely tight budget. This situation is exemplified by the fact that the State support for the current fiscal year, 1983-84, only equaled the original appropriation for the previous fiscal year, 1982-83. Therefore, even with a 6.7 percent increase in State support for 1984-85, this represents an effective increase of only 3 percent per year over the two years of the current biennium.

There are many people who thought that the statewide vote defeating Issue 3 last November would result in immediate additional funding for The Ohio State University. This was an incorrect assumption. What was at stake was continuation of existing state funding and protection against additional midyear reductions. These results have been achieved. Any new funding must await future action by the Ohio General Assembly for the next biennium which begins 1 July, 1985.

The 1984-85 budget being brought for your approval is in accordance with the priorities established and followed during the past three years of budget retrenchments. They include achieving fiscal stability and providing adequate time to plan ways to maintain operations within available funding levels; maintaining and enhancing quality throughout this University; and preserving the land-grant mission of accessibility for our students by keeping tuition and fee increases as low as possible.

After full consultation with the University Senate Fiscal Advisory and Faculty Compensation and Benefits Committees, deans, and vice presidents this 1984-85 budget recommendation continues to emphasize these priorities. While available funding does not enable this University to make the desired amount of progress in further strengthening excellence, funding for such new initiatives as the Ohio Eminent Scholar Program makes a strong and positive statement regarding the

June 7, 1984 meeting, Board of Trustees

**1984-85 CURRENT FUNDS BUDGET
THE OHIO STATE UNIVERSITY (contd)**

future directions of The Ohio State University. It is our hope that the resources during the next biennium will be sufficient to support significant advancements in excellence.

II. SOURCES OF FUNDS

The Current Fund Budget for 1984-85 includes funding sources which total \$781,120,000, as detailed in the schedule of Sources of Income to Support 1984-85 Budget. This amount includes State support totaling \$229,381,000, which represents a 6.7 percent increase over that received for the current fiscal year. Of these total sources of funds, Columbus Campus general funds represent 42 percent of the total with earnings operations generating 34 percent, restricted grants and contracts 19 percent, and the regional campuses revenues with OARDC totaling 5 percent.

While student access remains a high priority for The Ohio State University, the continued limited amounts of State support will require student tuition increases which average 6 percent. Specifically, tuition increases of 5.5 percent for undergraduate instructional and general fees, and 7.5 percent for graduate and professional instructional fees are being recommended effective Autumn Quarter, 1984. Even though these increases exceed current inflation rates, they keep this University's fees below those amounts projected in the subsidy models of the Board of Regents. During the periods of budget cuts and resulting high rates of tuition increases statewide, the moderation used in this University's increases maintains student tuition below the Regents' 1984-85 projections for all fee categories.

Continuing prior years' efforts to manage increases in all fees and charges of the University, the limit on the average increase University-wide will be 6 percent. The continued emphasis on cost containment by our Residence and Dining Halls and by Traffic and Parking has resulted in average rate increases of 3.2 percent and 3.7 percent respectively. The resultant increase in typical student charges range from 4.7 percent to 5.8 percent, as detailed in the supporting budget materials. It should be further noted that University Hospitals have set 6 percent as the average of its rate increases, continuing that unit's leadership efforts in containing health care costs.

The other income components of the 1984-85 Current Funds Budget are in line with expected growth from 1983-84 expected revenues. The projected revenues for 1983-84 show an increase of \$24.1 million in excess of the original budget passed by this Board on 8 July, 1983. The majority of this difference results from the reclassification of \$7.8 million in Federal student aid funds and \$7.2 million in sponsored research revenues, and \$3.9 million in state appropriations due to the classified staff pay bill and actual enrollments. The other revenue adjustments represent normal differences in projected income versus the budget expectations of a year ago.

June 7, 1984 meeting, Board of Trustees

1984-85 CURRENT FUNDS BUDGET
THE OHIO STATE UNIVERSITY (contd)

III. USES OF FUNDS

As detailed in the Schedule of Budgeted Expenditures for Fiscal Year 1984-85 and the supporting documents, this University's current fund expenditures total \$778,560,000. These planned expenditures will support the following budget planning guidelines.

- * Increase faculty and administrative/professional staff salaries by 3 percent and provide 4 percent in salary funds for merit increases.
- * Fund the salary increases for Civil Service staff recently mandated by the Ohio General Assembly, at an average increase of 7 percent.
- * Increase general expense budgets by 6 percent for colleges and offices.
- * Provide funding to maintain the purchasing power of University-funded student financial aid plus \$4.5 million to address special critical needs including providing adequate instructional staffs, support for continued efforts to enhance quality and excellence, and assist in implementing program changes as well as cost containment efforts.
- * Provide resources to meet mandatory General Fund cost increases, such as utilities (\$1.8 million) and employee benefits (\$1.4 million).

While these expenditure plans can be achieved within the available resources, the limited funds available provide no cushion for entering the next biennium. In addition, increased attention needs to again be given to internal reallocations during these years of increased budget stability. Therefore, the 1984-85 budget plan calls for the colleges and administrative areas to begin now to develop plans to operate with a 3 percent reduction in their base budgets effective 30 June, 1985. This provides over 12 months for these units to adjust to lower spending levels and avoids the crisis budgeting experienced over the past three years of budget cuts. These reductions will result from further efficiencies, improving cost containment, and continuing reductions in programs and services which are no longer needed or central to the University's mission. The resources generated will be used for meeting changing needs and supporting demonstrated excellence, as well as new program and service initiatives as we enter the next biennium.

Every effort will be made to again provide one-time funds for equipment maintenance and replacement as well as library acquisitions to continue to improve these necessary support resources. If resources permit, the budget target is to provide \$3 million in one-time equipment and libraries funds for 1984-85.

This expenditure budget is not only within the expected resources for 1984-85, it also provides for internal reallocations to produce critical funding for further efforts to selectively enhance excellence throughout this University. These internal efforts, if coupled with expanded funding assistance for the next biennium, will restore a strong state University and continue to enhance excellence in teaching, research and related service.

June 7, 1984 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY
Sources of Income to Support 1984-85 Budget
(In Millions)

	1983-84 Budget <u>July 8, 1983</u>	1983-84 Revised Estimate	1984-85 Proposed Budget
Columbus Campus			
State Appropriations	\$ 191.36	\$ 195.06	\$ 207.98
Student Fees	110.03	111.66	116.50
Other Income			
Federal Appropriations & Grants	66.31	81.35	84.19
Ohio Grants & Contracts	8.08	8.11	8.44
Local Grants & Contracts	10.81	10.82	11.12
Private Gifts & Grants	30.00	30.88	32.71
Endowment Income	6.83	6.64	7.18
Departmental Sales & Services	19.36	16.94	17.28
Auxiliary Sales & Services	64.37	65.20	66.69
Hospital Sales & Services	154.21	156.74	171.69
Other Sources	13.78	14.72	15.84
Subtotal Other Income	373.74	391.40	415.14
TOTAL COLUMBUS CAMPUS	\$ 675.14	\$ 698.12	\$ 739.62
Regional Campuses			
State Appropriations	\$ 6.11	\$ 6.20	\$ 7.06
Student Fees	6.20	6.02	6.63
Other Income	1.96	2.73	2.85
TOTAL REGIONAL CAMPUSES	\$ 14.27	\$ 14.95	\$ 16.54
OARDC			
State Appropriations	\$ 13.65	\$ 13.74	\$ 14.36
Federal Appropriations & Grants	6.59	6.29	5.18
Other Income	3.17	3.81	5.42
TOTAL OARDC	\$ 23.41	\$ 23.84	\$ 24.96
TOTAL ALL CAMPUSES	\$ 712.82	\$ 736.91	\$ 781.12
Total University Summary			
State Appropriations	\$ 211.12	\$ 215.00	\$ 229.40
Student Fees	116.23	117.68	123.13
Other Income	385.47	404.23	428.59
GRAND TOTAL REVENUES	\$ 712.82	\$ 736.91	\$ 781.12

June 7, 1984 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY
 Budgeted Expenditures for 1984-85
 (In Millions)

	1983-84 Budget <u>July 8, 1983</u>	1983-84 Revised <u>Estimate</u>	1984-85 Proposed <u>Budget</u>
Columbus Campus			
Educational & General	\$ 439.81	\$ 459.82	\$ 483.01
Auxiliary Enterprises			
Residence & Dining Halls	26.30	26.16	27.49
Intercollegiate Athletics	13.14	14.02	13.89
Other Auxiliaries	21.44	22.55	24.13
Total Auxiliaries	60.88	62.73	65.51
University Hospitals	166.91	167.82	181.64
Total Columbus	\$ 667.60	\$ 690.37	\$ 730.16
Transfers	7.20	8.13	7.00
TOTAL COLUMBUS CAMPUS	\$ 674.80	\$ 698.50	\$ 737.16
Regional Campuses			
Agricultural Technical Inst.	\$ 3.91	\$ 4.00	\$ 4.46
Lima Campus	2.51	2.78	3.17
Mansfield Campus	3.17	3.31	3.54
Marion Campus	2.12	2.19	2.37
Newark Campus	2.64	2.74	2.90
TOTAL REGIONAL CAMPUSES	\$ 14.35	\$ 15.02	\$ 16.44
OARDC	\$ 23.37	\$ 23.84	\$ 24.96
TOTAL ALL CAMPUSES	\$ 712.52	\$ 737.36	\$ 778.56

THE OHIO STATE UNIVERSITY
 1984-85 CURRENT FUNDS BUDGET
 Annual Fee Structure
 Effective Autumn Quarter, 1984

Student Category	Actual 1982-83		Actual 1983-84		Budgeted 1984-85	
	Instructl	General Total	Instructl	General Total	Instructl	General Total
Columbus Campus						
Resident						
Undergraduate	\$ 1173	\$ 1458	\$ 1254	\$ 303	\$ 1323	\$ 318
Graduate	1596	1881	1707	303	1836	318
Graduate Professional						
Law	1881	2166	2013	303	2164	318
Medicine	3342	3627	3576	303	3679	318
Dentistry, Optometry						
Veterinary Medicine	2739	3024	2931	303	3234	318
Non-Resident						
Undergraduate	3441	3726	3681	303	3933	318
Graduate	4233	4518	4527	303	4866	318
Graduate Professional						
Law	4704	4989	5034	303	5337	318
Medicine	7542	7827	8070	303	8373	318
Dentistry, Optometry						
Veterinary Medicine	6939	7224	7425	303	7728	318
Regional Campuses						
Resident						
Undergraduate	1173	1413	1254	255	1323	270
Graduate	1596	1836	1707	255	1836	270
Non-Resident						
Undergraduate	3441	3681	3681	255	3933	270
Graduate	4233	4473	4527	255	4866	270

Note: Values shown are actual academic year fees assessed.
 UB0/June 7, 1984

June 7, 1984 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY
1984-85 CURRENT FUNDS BUDGET

Student Fee Schedule
Autumn 1984

College or School	Credit Hours Enrollment	Instructional Fees	General Fees	Resident Total	Non- Resident Tuition	Non- Resident Total
Administrative Science						
Agriculture & Home Economics						
Allied Medical Professions						
Architecture						
The Arts						
Biological Sciences						
Continuing Education						
Dental Hygiene						
Education						
Engineering	0-1	\$ 74	\$ 16	\$ 90	\$ 72	\$ 162
Health, Phys. Educ. & Rec.	2	89	23	112	145	257
Humanities	3	110	27	137	218	355
Journalism	4	146	35	181	290	471
Mathematics & Physical Sci.	5	184	44	228	363	591
Music	6	220	53	273	435	708
Natural Resources	7	257	61	318	507	825
Nursing	8	294	70	364	580	944
Pharmacy	9	313	79	392	652	1044
Social & Behavioral Sciences	10	367	88	455	725	1180
Social Work	11	404	97	501	798	1299
University College	12+	441	106	547	870	1417
Graduate School	0-1	76	13	89	101	190
	2	122	21	143	202	345
	3	183	32	215	303	518
	4	245	42	287	404	691
	5	306	53	359	505	864
	6	367	64	431	606	1037
	7	428	74	502	707	1209
	8	490	85	575	808	1383
	9	550	95	645	909	1554
	10+	612	106	718	1010	1728

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June 7, 1984 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY
1984-85 CURRENT FUNDS BUDGET

Student Fee Schedule
Autumn 1984

College or School	Credit Hours Enrollment	Instructional Fees	General Fees	Resident Total	Non-Resident Tuition	Non-Resident Total
Graduate Professional Law (Semester)	0-3	\$ 271	\$ 40	\$ 311	\$ 406	\$ 717
	4	357	52	409	536	945
	5	452	66	518	678	1196
	6	541	80	621	811	1432
	7+	1082	159	1241	1623	2864
Medicine	0-3	320	27	347	627	974
	4	423	35	458	828	1286
	5	535	44	579	1048	1627
	6	641	53	694	1254	1948
	7+	1281	106	1387	2508	3895
Dentistry	0-3	263	27	290	569	859
Optometry	4	347	35	382	751	1133
Veterinary Medicine	5	438	44	482	952	1434
	6	525	53	578	1139	1717
	7+	1050	106	1156	2277	3433
Executive M.B.A.						
1st year	--	1767	106	1873	909	2783
2nd year	--	1767	106	1873	909	2783
Pharmacy, Doctor of	--	721	106	827	1082	1909

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June 7, 1984 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY
1984-85 CURRENT FUNDS BUDGET

Student Fee Schedule
Autumn 1984

College or School	Credit Hours Enrollment	Instructional Fees	General Fees	Resident Total	Non-Resident Tuition	Non-Resident Total
Regional Campuses						
Undergraduate	0-1	\$ 74	\$ 14	\$ 88	\$ 72	\$ 160
	2	89	19	108	145	253
	3	110	23	133	218	351
	4	146	30	176	290	466
	5	184	38	222	363	585
	6	220	45	265	435	700
	7	257	52	309	507	816
	8	294	60	354	580	934
	9	313	67	380	652	1032
	10	367	74	441	725	1166
	11	404	83	487	798	1285
	12+	441	90	531	870	1401
	Graduate	0-1	76	13	89	101
2		122	18	140	202	342
3		183	27	210	303	513
4		245	36	281	404	685
5		306	45	351	505	856
6		367	54	421	606	1027
7		428	63	491	707	1198
8		490	72	562	808	1370
9		550	81	631	909	1540
10+		612	90	702	1010	1712

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June 7, 1984 meeting, Board of Trustees

EXPRESSION OF APPRECIATION TO DONALD A. CRAMP

Resolution No. 84-152

WHEREAS Donald A. Cramp joined the staff of the University Hospitals in October, 1980 as Director of Hospital Administration; and

WHEREAS in November of 1981 Mr. Cramp's expanding responsibilities were recognized with a title change to Executive Director of University Hospitals; and

WHEREAS Don Cramp's service as administrative officer of the University Hospitals has been exemplary, forward-looking and extraordinarily productive during a period of rapid change, major growth and escalating costs; and

WHEREAS among his most significant accomplishments during that time Mr. Cramp has been able to maintain a rate of budget growth far below that of many comparable facilities, and he has also been able to assure organizational stability in a number of areas which have been historically troublesome; and

WHEREAS Mr. Cramp has announced his intention to leave Ohio State on June 30 in order to assume the position of President, University of Alberta Hospitals;

NOW THEREFORE

BE IT RESOLVED, That the thanks, recognition and deep appreciation of this Board and the University be expressed to Donald A. Cramp for his dedicated service and outstanding contribution to University Hospitals and The Ohio State University in general during the past three and a half years; and

BE IT FURTHER RESOLVED, That the best wishes of the Board be conveyed to Don as he undertakes his new assignment with the University of Alberta.

Upon motion of Mrs. Bowser, seconded by Mr. Redman, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 84-153

RESOLVED, That the report on the University's Investment Portfolio, dated May 18, 1984, 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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June 7, 1984 meeting, Board of Trustees

Thereupon the Board adjourned to meet Friday, July 6, 1984, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Madison H. Scott
Secretary

D. James Hilliker
Chairman

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BOARD OF TRUSTEES
OF THE
OHIO STATE UNIVERSITY

COLUMBUS

July 1, 1984 to June 30, 1985

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1984/85

1984-1985

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Edward H. Jennings, President

BOARD OF TRUSTEES

	Term Beginning	Term Expiring
D. James Hilliker, Bellefontaine	May 14, 1976	May 13, 1985
John F. Havens, Delaware	May 14, 1977	May 13, 1986
Daniel M. Galbreath, Columbus	May 14, 1978	May 13, 1987
Edmund C. Redman, Columbus	May 14, 1979	May 13, 1988
Leonard J. Immke, Columbus	May 14, 1980	May 13, 1989
John W. Berry, Dayton	May 14, 1981	May 13, 1990
Shirley D. 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

OFFICERS

D. James Hilliker, Chairman
John F. Havens, Vice Chairman
Madison H. Scott, Secretary
James Lee Nichols, Treasurer

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THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND TWO HUNDRED AND SECOND MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, July 6, 1984

The Board of Trustees met at its regular monthly meeting on Friday, July 6, 1984, 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, 1984 meeting, Board of Trustees

The Chairman, Mr. Hilliker, called the meeting of the Board of Trustees to order at 11:30 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: D. James Hilliker, Chairman, John F. Havens, Edmund C. Redman, Leonard J. Immke, John W. Berry, Hamilton J. Teaford, and John J. Barone.

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Mr. Hilliker reconvened the meeting at 1:30 p.m.

Present: D. James Hilliker, Chairman, John F. Havens, Daniel M. Galbreath, Edmund C. Redman, Leonard J. Immke, John W. Berry, Hamilton J. Teaford, and John J. Barone.

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**AMENDMENTS TO THE BYLAWS OF THE BOARD OF TRUSTEES
AND RULES OF THE UNIVERSITY FACULTY**

Resolution No. 85-1

Synopsis: Amendments to the Bylaws of the Board of Trustees (3335-1-06) and Rules of the University Faculty (3335-3-19, 3335-5-02, 3335-5-07, 3335-5-15, 3335-7-17, 3335-7-18, 3335-7-21, 3335-7-24, 3335-7-26, 3335-7-30, 3335-7-32, 3335-7-33, 3335-7-35, 3335-9-01, 3335-9-02, 3335-9-12, 3335-9-14, 3335-9-17, and 3335-9-18) are proposed.

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 June 2, 1984, as follows:

BYLAW

3335-1-06 Instruction.

- (A) The university year. The university year shall be divided into four quarters of approximately twelve weeks each. For any college on a semester basis, the university year shall be divided into a summer session of approximately twelve weeks and two semesters of approximately eighteen weeks each. The summer quarter or session shall begin the university year and may be divided into two terms of approximately six weeks each.

July 6, 1984 meeting, Board of Trustees

AMENDMENTS TO THE BYLAWS OF THE BOARD OF TRUSTEES
AND RULES OF THE UNIVERSITY FACULTY (contd)

RULES

3335-3-19 University registrar.

Subject to the direction of the vice provost for student affairs, the principal duties of the university registrar shall be the supervision of the details of registration, records, and scheduling which shall include: distribution of registration forms; distribution of approved schedules; fee assessments and adjustments; record of fee payments; maintenance of current quarter or semester schedules; maintenance of home or permanent addresses, name and address of person(s) to be notified in case of emergency, local addresses and the respective telephone numbers of all currently enrolled students; the posting of quarters and semesters of attendance; the posting of all courses and respective marks; recording of all probations and dismissals; recording of withdrawals; recording of all degrees earned and dates; recording of all past names and other demographic data; the distribution of the official student records to include the proper confidentiality safeguards; scheduling of classroom space, classes, and final examinations; offering placement testing, admission testing, test scoring services, a mechanism for student evaluation of teaching, and coordination of the credit by examination programs; other routine duties associated with the registration, records and scheduling of students; and special projects and duties that may be assigned from time to time by the vice provost for student affairs.

3335-5-02 Appointments and continuing employment; conditions upon.

- (A) Upon nomination and recommendation by the president of the university, the board of trustees shall make all appointments to all positions within the university and approve the salaries therefor. Such appointments, for a period not to exceed four academic quarters, or a summer session and two semesters if applicable, shall be evidenced by a notice of appointment signed by the secretary of the board and sent to the appointee for acceptance. The notice of appointment form is a budgetary convenience containing some detail relating to the employment relationship during the term of appointment, such as salary, title, and the quarters or semesters during which service is to be rendered. The form is used for appointment to many and varied kinds of service, including appointment to positions which may be tenure accruing and others which are not. Neither the issuance of the notice nor its contents is intended to reflect any commitment by the trustees as to the recipient's tenure or as to renewal of appointment.

3335-5-07 Term of duty.

All members of the teaching staff on duty during a given quarter, or semester if applicable, are expected to report for duty and to be available for consultation and organization at least one day preceding the day designated in the calendar as the day for classes to begin. They are also expected to remain on duty through the convocation and examinations which conclude the work of the quarter or semester.

July 6, 1984 meeting, Board of Trustees

AMENDMENTS TO THE BYLAWS OF THE BOARD OF TRUSTEES
AND RULES OF THE UNIVERSITY FACULTY (contd)

3335-5-15 Executive committee.

Each college shall have the power to designate an executive committee to which it may delegate authority to transact the business of the college as provided by the rules or by the established precedents of the college. Unless otherwise provided by the college faculty, this committee shall receive and act upon student petitions relative to courses of study and reinstatement; shall certify to the college faculty at the end of each quarter, or semester if applicable, lists of students who have fulfilled the requirements for a degree, or for whom special recommendation is made; and shall bring before the college faculty any matter coming within its knowledge that needs the consideration or action of the college. The dean of the college shall act as chairperson of the committee.

3335-7-17 Regulations for the control of course offerings.

(F) The graduate professional colleges may formulate rules to govern the control of their course offerings, subject to the approval of the council on academic affairs.

3335-7-18 Standards for number of class sections.

(E) The graduate professional colleges may formulate rules to govern the formation of class sections, subject to the approval of the council on academic affairs.

3335-7-21 Marks.

(G) "I"--incomplete

- (3) The student must complete the work so that the instructor of the course may report the final mark at the earliest possible time, but not later than noon of the sixth Saturday of the quarter, or semester if applicable, following the quarter or semester in which the "I" was received. For legitimate reason the instructor may establish a deadline for the completion of the work which is within the maximum time permitted. Upon petition of the student within this period, the authorized representative of the dean or director of the enrollment unit in which the student was last enrolled after consultation with the instructor of the course, or, if the instructor is unavailable, the chairperson of the department involved, may for good reason allow a student additional time in which to complete the work. Generally, this shall not be longer than the end of the quarter, or semester if applicable, following the quarter or semester in which the "I" was received. Any decision extending the period shall set forth the time in which the student shall complete the work and a copy of the decision shall be forwarded to the office of the university registrar.

July 6, 1984 meeting, Board of Trustees

AMENDMENTS TO THE BYLAWS OF THE BOARD OF TRUSTEES
AND RULES OF THE UNIVERSITY FACULTY (contd)

(I) "P"--progress

- (1) This mark is used to indicate that the student has shown satisfactory progress in a series or sequence of courses where the mark is not recorded until the final quarter, or semester if applicable, of the series or sequence is completed. Until such time as a final mark is recorded, the mark of "P" shall be given and the credit shall be counted as hours only, and shall not be considered in determining a student's point-hour ratio under rule 3335-7-26 of the Administrative Code. When a final mark is submitted by the instructor, all previous "P" marks shall assume and be recorded with the value of the final mark.

3335-7-24 Credit hours.

- (B) In determining the hours per week required by the course or work, the council on academic affairs may, in appropriate cases, consider the average weekly hours spent during a quarter or semester on the course or work. It should be remembered that the above are guides only and may be deviated from for good cause.
- (C) When comparing or combining semester credit hours with quarter credit hours, one semester credit hour shall be the equivalent of one and one-half quarter credit hours.

3335-7-26 Point-hour ratio.

(B) When determining the point-hour ratio of a student:

- (1) For a quarter, or semester if applicable, the "applicable number of credit hours" shall be the student's scheduled credit hours in that quarter or semester.

3335-7-30 Rescheduled courses.

- (B) If, within the first four weeks of a quarter, or semester if applicable, a student's previous preparation is demonstrably inadequate for a course in which he originally enrolled, the department or school concerned is empowered to instruct the college or school in which that student is registered to remove the course from the student's schedule and to replace it with a more suitable one.

3335-7-32 Withdrawal from courses or from the university.

- (A) Withdrawal from the university during a quarter, or semester if applicable, constitutes withdrawal from all courses in which a student is enrolled during that quarter or semester. Upon official notification of the student's withdrawal from the university, the university registrar is authorized to enter the dated notation "withdrew" on the student's official permanent record.

July 6, 1984 meeting, Board of Trustees

**AMENDMENTS TO THE BYLAWS OF THE BOARD OF TRUSTEES
AND RULES OF THE UNIVERSITY FACULTY (contd)**

3335-7-33 Conditions for disenrollment from a course.

- (A) After consultation with the instructor, the chairperson of the instructor's department (or other appropriate administrative official) may disenroll a student from a course if:
- (1) By the third instructional day of the quarter, or semester or term if applicable, or the second scheduled class session of the course, whichever occurs later, the student fails to attend the scheduled course without giving prior notification to the instructor. In such cases the chairperson (or other appropriate administrative official) shall notify the student's college office. A change ticket removing the course from the student's schedule shall be prepared and copies forwarded to the student and to the office of the university registrar. The student is not relieved of the responsibility for dropping such course in the customary way.
- (C) For disenrollment, exclusive of audit, under sections (A) and (B) 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 or semester 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 or semester course, or the second Friday of a summer term course.

3335-7-35 Quarters, semesters, and terms.

- (A) The university year shall be divided into four quarters of approximately twelve weeks each. For any college on a semester basis, the university year shall be divided into a summer session of approximately twelve weeks and two semesters of approximately eighteen weeks each. The summer quarter or session shall begin the university year and may be divided into two terms of approximately six weeks each.
- (B) The university calendar, including the dates of the beginning and ending of each quarter, semester, and term and of the several vacations and recesses within the year, shall be submitted annually by the university editor to the council of deans (rule 3335-3-22 of the Administrative Code) for adoption and publication in the university bulletins.

3335-9-01 Classification of students for admission.

Students shall be classified as:

- (D) Transient students. This shall include regular enrollees of other institutions who with the recommendation of their college authorities enter this university with a brief residence (usually one quarter or semester) without transfer of credits.

July 6, 1984 meeting, Board of Trustees

AMENDMENTS TO THE BYLAWS OF THE BOARD OF TRUSTEES
AND RULES OF THE UNIVERSITY FACULTY (contd)

3335-9-02 Time of admission.

- (C) Admission as a professional student. Professional students meeting all admission requirements shall be admitted at such time or times as determined by the council on admission and registration with due regard to the curriculum of the professional college involved.
- (D) Admission as a transient student or auditor. Transient students and auditors meeting all admission requirements shall be admitted at such time or times as determined by the council on admission and registration.

3335-9-12 Registration conditional upon payment of fees.

- (A) All bills, fees and deposits required from students for a quarter, or semester if applicable, must be paid at the office of fees and deposits prior to and as a condition of registration for that quarter or semester.
- (B) On the first day of class each quarter, or semester if applicable, each student is required to demonstrate the right to enrollment in scheduled classes by presentation of an approved schedule or appropriate change document and paid fee card.

3335-9-14 Time of registration and payment of fees; penalties.

- (A) Payment of fees is required of all students each quarter, or semester if applicable, by the close of business on the date established by the vice provost for student affairs in cooperation with the appropriate offices, and published by the office of the university registrar. This fee payment deadline will apply to the postmark date for fees paid by mail and to the date of receipt for fees paid in person. Failure to meet this requirement will result in a penalty assessment, unless excused by the university registrar or designee.
- (B) All fees, including penalties, must be paid on or before the fourteenth day after classes begin each quarter, or semester if applicable. The university reserves the right to refuse registration if fees are not paid by the date on which they are due. Individual exceptions to this provision may be made only upon the approval of the vice president for business and finance or designee.

3335-9-17 Filing registration forms.

All students are required to present their registration forms with course requests each quarter, or semester if applicable, at the time and place announced by the office of the university registrar. Failure to comply with this rule will result in a penalty assessment.

July 6, 1984 meeting, Board of Trustees

**AMENDMENTS TO THE BYLAWS OF THE BOARD OF TRUSTEES
AND RULES OF THE UNIVERSITY FACULTY (contd)**

3335-9-18 Return of fees.

- (A) Fees (except for the application and acceptance fees) are returnable in part if a student withdraws from the university for any cause other than at the request of the university and if such withdrawal is made within the period of time specified in paragraphs (B), (C), and (D) of this rule. The application fee and the acceptance fee are not returnable irrespective of the reason for withdrawal.
- (C) Semester fees will be refunded according to the following schedule:
- (1) From the date on which fees are paid through the sixth day on which classes are scheduled--full fees less ten dollars.
 - (2) After the sixth day on which classes are scheduled through the eighteenth day on which classes are scheduled--seventy-five per cent of fees paid.
 - (3) After the eighteenth day on which classes are scheduled through the thirty-sixth day on which classes are scheduled--fifty per cent of fees paid.
 - (4) After the thirty-sixth day on which classes are scheduled--no refund of fees paid.

NOW THEREFORE

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. Galbreath, seconded by Mr. Berry, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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DEPARTMENTAL REALIGNMENT - HEALTH SCIENCES AV/TV
Resolution No. 85-2

Synopsis: Realignment of the administrative reporting relationship for Health Sciences AV/TV is proposed.

WHEREAS administrative responsibility for the Department of Health Sciences AV/TV is currently vested in the Vice President for Health Services; and

WHEREAS the Vice President for Health Services, after appropriate consultation, has recommended that the Department of Health Sciences AV/TV be combined with Biomedical Communications within the School of Allied Medical Professions:

July 6, 1984 meeting, Board of Trustees

DEPARTMENTAL REALIGNMENT - HEALTH SCIENCES AV/TV (contd)

NOW THEREFORE

BE IT RESOLVED, That the departmental status of Health Sciences AV/TV be discontinued and that the reporting relationship for this function be aligned as proposed through the School of Allied Medical Professions effective July 1, 1984.

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

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DEGREES AND CERTIFICATES - SUMMER QUARTER COMMENCEMENT
Resolution No. 85-3

Synopsis: Approval is being requested for awarding degrees and certificates for Summer 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

BE IT RESOLVED, That the degrees and certificates be conferred on August 30, 1984, 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. Berry, seconded by Mr. Galbreath, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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PERSONNEL ACTIONS
Resolution No. 85-4

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the June 7, 1984 meeting of the Board, including the following Changes in Title, Appointment, Continuation of Appointment, Appointment of Department Chairpersons, Reappointment of Chairpersons of Departments and Divisions, Leaves of Absence Without Salary, Leaves of Absence Without Salary--Extension, Professional Improvement Leaves--Change of Date, and Emeritus Titles as detailed in the University Budget be approved.

July 6, 1984 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Changes in Title

Name: JOHN B. GABEL
Title: Acting Dean
Office: Graduate School
Effective: July 1, 1984
Salary: \$67,560.00
Present Position: Associate Dean, Graduate School

Name: GWENDOLYN C. GILBERT
Title: Associate Dean
College: Social Work
Effective: July 1, 1984
Salary: \$45,480.00
Present Position: Associate Professor, College of Social Work

Appointment

Name: WILLIAM A. JENSEN
Title: Dean
College: Biological Sciences
Effective: September 1, 1984
Salary: \$72,000.00
Present Position: Chairperson and Professor, Department of Instruction in Biology, University of California at Berkeley

Continuation of Appointment

Name: PATRICK R. DUGAN
Title: Dean
College: Biological Sciences
Effective: July 1, 1984 through September 30, 1984
Salary: \$5,770.00 per month
Special Instructions: Continuation for three months to provide transition with new dean.

Appointment of Department Chairpersons

August 1, 1984 through July 31, 1988

Dairy Science David L. Zartman

September 1, 1984 through June 30, 1988

Pharmacology Norton H. Neff

October 1, 1984 through September 30, 1988

Anthropology Chung-min Chen

July 6, 1984 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Reappointment of Chairpersons of Departments and Divisions

July 1, 1984 through June 30, 1985

Agronomy (continuation of appointment through June 30, 1985)	Berlie L. Schmidt
Textiles and Clothing	Lois E. Dickey

July 1, 1984 through June 30, 1987

Division of Pharmacology	Allan M. Burkman
Division of Pharmacy Practice	Richard H. Reuning

October 1, 1984 through September 30, 1988

Classics	Charles L. Babcock
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Leaves of Absence Without Salary

ALAN D. BEYERCHEN, Associate Professor, Department of History, effective October 1, 1984 through December 31, 1984, has received a Fellowship from the National Humanities Center to continue research on the James Franck project.

WILLIAM G. DEWALD, Professor, Department of Economics, effective Autumn Quarter 1984, Winter Quarter and Spring Quarter 1985, to continue research at the International Monetary Fund in Washington, D. C.

LOUISE B. GUTHMAN, Associate Professor, Department of Dance, effective Autumn Quarter 1984, for personal reasons.

BARBARA J. HAEGER, Assistant Professor, Department of History of Art, effective Autumn Quarter 1984 and Winter Quarter 1985, to complete work on several research projects.

ALBERT SHAPERO, Professor, Academic Faculty of Management and Human Resources, effective Autumn Quarter 1984, to serve as Visiting Chair at Babson College, Wellesley, Massachusetts.

Leaves of Absence Without Salary--Extension

DAVID M. LAMPTON, Associate Professor, Department of Political Science, extension effective Autumn Quarter 1984, Winter Quarter and Spring Quarter, 1985, to continue his work as Senior Advisor and Director of Special Projects for the Committee on Scholarly Communication with the People's Republic of China at the National Academy of Sciences.

July 6, 1984 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Leaves of Absence Without Salary--Extension (contd)

ROBERT K. WEAVER, Assistant Professor, Department of Political Science, extension effective Autumn Quarter 1984, Winter Quarter and Spring Quarter 1985, to join the staff of the Brookings Institution in Washington, D. C.

Professional Improvement Leaves--Change of Date

DENNIS R. FELLER, Professor, College of Pharmacy, change of leave from July 1, 1984 through December 31, 1984 to Summer Quarter and Autumn Quarter 1984.

EUGENE J. WATTS, Associate Professor, Department of History, change of leave from Autumn Quarter 1984, Winter Quarter and Spring Quarter 1985 to Winter Quarter, Spring Quarter and Summer Quarter 1985.

Emeritus Titles

WILLIAM M. BROOKS, Department of Horticulture, with the title Professor Emeritus, July 1, 1984.

RUDOLPH EDSE, Department of Aeronautical and Astronautical Engineering, with the title Professor Emeritus, effective July 1, 1984.

VIRGINIA B. HALL, University Libraries, with the title Professor Emeritus, effective July 1, 1984.

ROBERT W. WAGNER, Department of Photography and Cinema, with the title Professor Emeritus, effective July 1, 1984.

CARLTON H. WALTER, Department of Electrical Engineering, with the title Professor Emeritus, effective July 1, 1984.

G. COURTNEY CHAPMAN, Department of Aviation, with the title Associate Professor Emeritus, effective July 1, 1984.

LEONA A. MOURAD, College of Nursing, with the title Associate Professor Emeritus, effective July 1, 1984.

ANA M. LLORENS, University Libraries, with the title Associate Professor Emeritus, effective July 1, 1984.

GEORGE P. SCHOYER, University Libraries, with the title Associate Professor Emeritus, effective July 1, 1984.

WILLIAM H. MCCOY, College of Dentistry (Restorative Dentistry), with the title Assistant Professor Emeritus, effective July 1, 1984.

JANINA E. TALAT-KIELPSZ, University Libraries, with the title Assistant Professor Emeritus, effective July 1, 1984.

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

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July 6, 1984 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM

Resolution No. 85-5

Synopsis: Resolutions honoring the service of three of the University's faculty members who have recently died are being 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.

G. Harold Chambers

The Board of Trustees of The Ohio State University expresses its sorrow at the death on November 25, 1983, of G. Harold Chambers, Instructor Emeritus.

Mr. Chambers was born May 29, 1898 in Hamden, New York. He received his B.S.A. from Syracuse University in 1922. He later took graduate courses at The Ohio State University and Colorado A & M. He taught vocational agriculture from 1922 to 1929 before joining the Cooperative Extension Service as the County Agriculture Agent in Hocking County on January 21, 1930. Mr. Chambers became the County Agriculture Agent in Coshocton County on May 1, 1937 and held this position until his retirement on June 30, 1962.

On behalf of the University community, the Board of Trustees expresses to the family of Mr. Chambers its deepest sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to Mrs. Chambers as sincere appreciation of the Board's realization of the loss that the family, the University and his many friends and associates have sustained.

Oliver D. Diller

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on April 24, 1984, of Oliver D. Diller, Professor Emeritus in the Department of Botany.

Oliver Diller, was born on January 16, 1905 in Putnam County, Ohio. He earned his B.A. degree in biology from Bluffton College in 1930, his M.S. in 1932 and Ph.D. in 1934 in botany from The Ohio State University. He specialized in forest ecology and was employed by the U. S. Forest Service for three years. He then joined the Ohio Agricultural Experiment Station (now OARDC) as Assistant Professor of forestry, becoming Associate Professor in 1938, and Professor and Chairman of the Department of Forestry in 1951. In 1965, when the Secrest Arboretum became a separate department he was named Curator. He retired and became Professor Emeritus July 1, 1970. He was very active in community and professional organizations where he was well known as "Ollie." He was a trustee of Bluffton College, where he received an honorary doctorate in 1972, as well as being trustee of the Ohio Forestry Association, Ohio Chapter of the Nature Conservancy, the Holly Society of America, and the Dawes Arboretum. He received many awards from forestry and conservation organizations in recognition of his outstanding services, including the Distinguished Achievement Award in Conservation of the State of Ohio in 1970.

July 6, 1984 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Oliver D. Diller (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 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.

Sheila M. Goff

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on June 6, 1984, of Sheila M. Goff, Associate Professor Emeritus in the Department of Communication.

Sheila M. Goff was born on September 18, 1921 in Logan, Ohio. She received a B.S. in Education degree in 1945 and the M.A. degree in 1947 from Ohio University, and the Ph.D. in Speech and Hearing Science from The Ohio State University in 1955. She taught at Ohio University, Athens, Ohio during 1946-47, the University of Florida from 1947-51, the University of Texas in the summer of 1950, and The Ohio State University from 1951-1983.

Professor Goff was a dedicated teacher and clinician. Her efforts embraced the teaching and training of students of speech and language pathology and the habilitation/rehabilitation of both children and adults having disorders of communication. She was also very active in working with many foreign students attempting to become more proficient in the use of English as a second language, and contributed to the early development of Teachers of English as a Second Language (TESOL) and the National Association of Foreign Student Advisors (NAFSA). During her 32 years at The Ohio State University, she served for a period as Director of the Speech and Hearing Clinic and functioned as Administrative Assistant to the Director of the Speech and Hearing Science Section. In conjunction with her work at the University, Professor Goff developed an outreach program in which special clinics were established throughout southern Ohio to serve the needs of children handicapped by speech-language and hearing problems.

Her academic and professional interests transcended the boundaries of the U.S.A., and as a member of the International Association of Logopedic and Phoniatics and of Quota International she presented scholarly papers on four continents. She also was a co-leader of an international seminar studying aural rehabilitation throughout Europe for one quarter.

Sheila M. Goff was a member of the Speech Communication Association of America and the Ohio Speech and Hearing Association, and a Fellow of the American Speech-Language and Hearing Association. She was an advocate, teacher and practitioner of quality speech. She not only played a significant role in the lives of hundreds of communicatively handicapped individuals, but also through her teaching and training efforts made an outstanding contribution to the educational development and lives of many university students.

July 6, 1984 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Sheila M. Goff (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 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. Teaford, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

Resolution No. 85-6

Synopsis: The reports on contracts, grants, and gifts and the summary for May, 1984 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 and The Ohio State University Development Fund during the month of May 1984, be approved.

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

SUMMARY FOR MAY 1984

Source	No. of Projects	Support Level
The Ohio State University Research Foundation	94	\$3,816,225.14
Engineering Experiment Station	36	\$ 307,495.00
		\$4,123,720.14

July 6, 1984 meeting, Board of Trustees

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

SUMMARY FOR MAY 1984 (contd)

The Ohio State University Development Fund

Establishment of Named Funds

Litton Industries Scholarship Fund in the College of Engineering (Scholarships - Department of Electrical Engineering)	\$ 75,000.00
McCracken-Haney Scholarship Fund (Scholarships - College of Engineering)	\$ 16,535.00
Roy E. Roeder Memorial Scholarship Fund (Scholarships - to graduates of Bath High School located in Allen County in Ohio)	\$ 5,000.00
Zelma L. Roeder Memorial Scholarship Fund (Scholarships - to graduates of schools located in either Allen or Hancock County in Ohio and majoring in music or music education)	\$ 5,000.00

Change in Description of Named Fund

The Charles Birkenshaw Mendenhall Memorial
Fund

Report from Presidents Club

Members to date	4,654
1983-84 members: fiscal year to date	103
1984 members: calendar year to date	39
New members - May 1984	12

New Presidents Club Members - May 1984

Carl M. Ferrazza	Malcolm J. Scott*
Claribel Haaf	Robert C. Siddall*
Daniel M. Herrin, Jr.*	George A. Skestos*
Barbara L. Hittle*	Graig M. Stoops*
William M. Isaac	Dennis B. Tishkoff*
Richard A. Lewis, Jr.*	Dr. Lawrence D. Weis*

*Enrolled under new requirements - \$2,000 annual gift

July through May
1982/83 compared to 1983/84

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

CONTRIBUTIONS BY SOURCE

	Donors			Dollars		
	July through 82-83	May 83-84	% Change	July through 82-83	May 83-84	% Change
Alumni	37,294	40,807	9	\$ 7,355,426	\$ 6,115,849	(17)
Non-Alumni	25,338	19,523	(23)	3,489,759	5,559,435	59
Corporations	1,584	1,679	6	4,231,558	5,088,113	20
Corporate/Foundations	234	247	6	1,306,958	1,574,945	21
Private Foundations	125	134	7	688,757	982,517	43
Other	626	749	20	1,021,679	979,693	(4)
Total	65,201	63,139	(3)	\$18,094,137	\$20,300,551	12

CONTRIBUTIONS BY TYPE

	July-May 82-83	July-May 83-84	% Change
Designated	\$14,618,432	\$17,285,064	18
Undesignated	1,259,728	1,456,802	16
Gifts-In-Kind	2,215,977	1,558,685	(30)
Total	\$18,094,137	\$20,300,551	12
Gifts (# of)	88,558	83,139	(6)

July 6, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Report - May 1984

Federal Research Contracts/Grants

\$216,995.00 - Department of Education, Office of Higher and Continuing Education, Washington, D. C., National Resource Center and National Resource Fellowships to Support Program in Slavic and East European Studies at The Ohio State University, Department of Slavic and East European Languages and Literatures (L. I. Twarog) and Graduate School - Administration (J. B. LaPidus), 15 August 1984 through 14 August 1985. (Project 763534 - Continuation)

\$212,167.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Exercise in Elders: Life Style and Physiologic Change, School of Health, Physical Education, and Recreation (D. R. Lamb), 1 April 1983 through 31 March 1985. (Project 764047 - New)

\$191,599.00 - National Science Foundation, Washington, D. C., Ice Dynamics on the Marie Byrd Land Slope: A Part of WISP, Institute of Polar Studies and Department of Geology and Mineralogy (L. M. Whillans), 1 June 1984 through 31 May 1985. (Project 763556 - Continuation)

\$150,689.00 - Department of Education, Office of Postsecondary Education, Washington, D. C., Upward Bound, Office of Minority Affairs (J. Cruz), 1 September 1984 through 31 August 1985. (Project 763763 - Continuation)

\$140,938.00 - Department of Education, Office of Higher and Continuing Education, Washington, D. C., National Resource Center and Fellowships Program - East Asia, Graduate School - Administration (J. B. LaPidus), University Center for International Studies (J. S. Adams), and Department of Anthropology (C. M. Chen), 15 August 1984 through 14 August 1985. (Project 763533 - Continuation)

\$124,800.00 - National Science Foundation, Washington, D. C., Basic Mechanisms of Sliding Friction and Wear, Department of Metallurgical Engineering (D. A. Rigney), 11 April 1984 through 31 March 1985. (Project 763031 - Continuation)

\$124,321.00 - Department of Education, Office of Higher and Continuing Education, Washington, D. C., National Resource Center and Fellowships Program - Middle East Studies, University Center for International Studies (J. S. Adams), Graduate School - Administration (J. B. LaPidus) and Department of History (S. Dale), 15 August 1984 through 14 August 1985. (Project 763536 - Continuation)

July 6, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$112,095.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Study of the Pharmacokinetics of Anticancer Drugs, College of Pharmacy (L. Malspeis), 1 May 1984 through 30 April 1985. (Project 764113 - New)

\$106,316.00 - National Science Foundation, Washington, D. C., Studies of Fossil Plants from Patagonia, Department of Botany (T. N. Taylor), 1 April 1984 through 31 March 1986. (Project 764083 - New)

\$95,000.00 - National Science Foundation, Washington, D. C., Kinetics and Mechanism of the Passivation of Iron in Various Electrolytes, Department of Metallurgical Engineering (S. S. Smialowska), 11 April 1984 through 28 February 1985. (Project 763539 - Continuation)

\$89,151.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, In Vivo Release of Transformed Cell-Specific Proteins, Department of Physiological Chemistry and Cancer Research Center (T. E. Webb) and Department of Physiological Chemistry (D. E. Schumm), 1 June 1984 through 31 May 1985. (Project 763071 - Continuation)

\$78,900.00 - National Science Foundation, Washington, D. C., Diffusion Driven Boundary Motion in Alloys, Department of Metallurgical Engineering (P. G. Shewmon and G. Meyrick), 11 April 1984 through 31 January 1985. (Project 762784 - Continuation)

\$77,550.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, ^{17}O and ^{31}P Nuclear Magnetic Resonance of Biophosphates, Department of Chemistry (M. D. Tsai), 1 August 1984 through 31 July 1985. (Project 763228 - Continuation)

\$75,199.00 - National Science Foundation, Washington, D. C., Special Purpose Computer Architectures for Control of Robotic Mechanisms, Department of Electrical Engineering (D. E. Orin and K. W. Olson), 15 May 1984 through 31 April 1985. (Project 764136 - New)

\$70,147.00 - Department of Agriculture, Washington, D. C., Institution Support from the Animal Health and Disease Research Act of 1977, College of Veterinary Medicine - Administration (R. A. Wright), Department of Veterinary Pathobiology (L. E. Mathes and C. C. Capen), Department of Veterinary Clinical Sciences (G. F. Hoffsis, M. Wyman and B. L. Hull) and Department of Veterinary Preventive Medicine (C. R. Dorn and S. Bech-Neilsen), 1 May 1984 through 30 September 1984. (Project 762621 - Continuation)

July 6, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$70,000.00 - Department of Energy, Pittsburgh Energy Technology Center, Pittsburgh, Pennsylvania, Effect of In Situ Heat Treatment on Coal Char Reactivity, Department of Mechanical Engineering (R. H. Essenhigh), 15 May 1984 through 14 May 1985. (Project 764092 - New)

\$68,633.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Effects of Dietary Change on Lipid Biosynthesis, Department of Physiological Chemistry (H. W. Sprecher), 1 May 1984 through 30 April 1985. (Project 764415 - Continuation)

\$67,815.00 - Department of Education, Washington, D. C., Building Partnership for Quality Education in Rural America: Phase II, The National Center for Research in Vocational Education (R. E. Taylor), 23 April 1984 through 15 January 1985. (Project 763413 - Continuation)

\$64,587.00 - National Science Foundation, Washington, D. C., Unitary Group Methods for the Electron Correlation Problem, Department of Chemistry (I. Shavitt), 1 March 1984 through 28 February 1985. (Project 763437 - Continuation)

\$59,349.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Graduate Training in Biochemical Neuropathology, Department of Physiological Chemistry (L. A. Horrocks), 1 July 1984 through 30 June 1985. (Project 760708 - Continuation)

\$49,868.00 - National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, Space Station Antenna Design Studies, Department of Electrical Engineering, ElectroScience Laboratory (W. D. Burnside), 1 July 1984 through 31 January 1985. (Project 761012 - Continuation)

\$49,172.00 - Department of Health and Human Services, Public Health Service, Health Resources and Services Administration, Rockville, Maryland, Graduate Program in Hospital and Health Services Administration, College of Medicine - Administration (S. F. Loeb), 1 October 1984 through 30 September 1985. (Project 761329 - Continuation)

\$48,000.00 - National Science Foundation, Washington, D. C., Satellite Data and a Hydrodynamic Model for Determination of Suspended Sediment Concentrations in the Aswan Reservoir, Department of Civil Engineering (S. E. Smith), 1 July 1984 through 30 June 1986. (Project 764125 - New)

July 6, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$48,000.00 - National Science Foundation, Washington, D. C., Semantics of Concurrent Systems, Department of Computer and Information Science (N. Soundararajan), 1 October 1984 through 30 September 1986. (Project 764082 - New)

\$47,993.00 - National Science Foundation, Washington, D. C., Moving Boundary Value Problems in Environmental Cracking Phenomena, Department of Engineering Mechanics (D. J. Unger), 1 June 1984 through 31 May 1986. (Project 764126 - New)

\$45,070.00 - National Aeronautics and Space Administration, Washington, D. C., The Role of Acid and Calcium Gradients in Gravitropism, Department of Botany (M. L. Evans), 1 March 1984 through 28 February 1985. (Project 763005 - Continuation)

\$44,672.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, A Theoretical and Experimental Study of Weld Solidification under Transient Conditions, Department of Welding Engineering (W. A. Baeslack, III), 1 May 1984 through 30 September 1984. (Project 764095 - New)

\$44,207.00 - National Science Foundation, Washington, D. C., Boundary Layer Studies in Terra Nova Bay, Antarctica, Institute of Polar Studies (D. H. Elliot and D. H. Bromwich), 15 April 1984 through 31 March 1985. (Project 764091 - New)

\$37,311.00 - National Science Foundation, Washington, D. C., Statistical Studies of the Genetic Effects Caused by Population Bottlenecks, Department of Genetics (P. A. Fuerst), 1 May 1984 through 30 April 1985. (Project 762925 - Continuation)

\$35,000.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Normal Volunteers for Participation in Medical Research Projects, Department of Microbiology (A. M. Ackermann-Brown), 1 April 1984 through 31 March 1985. (Project 764072 - Continuation)

\$33,600.00 - Department of Education, Office of Postsecondary Education, Washington, D. C., Application of the School of Public Administration, The Ohio State University, for Award of Fellowships under the Education for the Public Service Program Component, School of Public Administration (C. V. Oster), 1 October 1984 through 30 September 1985. (Project 764111 - New)

\$29,957.00 - Department of Education, Office of Special Education and Rehabilitative Services, Washington, D. C., Optional Task 14 -Regional Resource Center, Department of Human Services Education (T. M. Stephens), 1 June 1984 through 31 May 1985. (Project 763600 - New)

July 6, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$23,300.00 - National Science Foundation, Washington, D. C., Universal and Non-Universal Properties of Local Moment Systems, Department of Physics (C. Jayaprakash), 1 May 1984 through 30 April 1985. (Project 764104 - New)

\$23,059.00 - National Science Foundation, Washington, D. C., An Analytic Facility for Hydrogen Determination in Metals and Alloys, Department of Metallurgical Engineering (G. R. St. Pierre), 15 May 1984 through 14 May 1985. (Project 764114 - New)

\$18,490.00 - Department of Transportation, National Highway Traffic Safety Administration, East Liberty, Ohio, General Motors X-Body Brake Testing, Department of Mechanical Engineering (D. A. Guenther), 1 January 1984 through 30 April 1984. (Project 764080 - New)

\$15,689.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, The Pathogenesis of Oral and Dental Diseases, College of Dentistry - Oral Biology (S. Rosen), 1 April 1984 through 31 March 1985. (Project 763512 - Continuation)

\$11,377.00 - Department of Transportation, National Highway Traffic Safety Administration, East Liberty, Ohio, Development of a Composite Rib Structure, Department of Mechanical Engineering (J. A. Collins), 1 May 1984 through 30 September 1984. (Project 764086 - New)

\$11,100.00 - Department of Commerce, National Oceanic and Atmospheric Administration, Rockville, Maryland, Development of an Environmental Sensitivity Index (ESI) for the Great Lakes, Center for Lake Erie Research (C. Herdendorf), 15 March 1984 through 31 August 1984. (Project 762833 - Continuation)

\$10,850.00 - National Science Foundation, Washington, D. C., Cybex II Isokinetic Dynamometer for Biomechanic Motion Evaluation, Department of Industrial and Systems Engineering (W. S. Marras), 1 July 1984 through 31 May 1985. (Project 764138 - New)

\$4,890.00 - General Accounting Office, Washington, D. C., United States General Accounting Office (GAO) Advisory Committee Membership, National Regulatory Research Institute (D. N. Jones), 16 April 1984 through 30 September 1984. (Project 764105 - New)

\$4,543.00 - National Science Foundation, Washington, D. C., Systematics of the Trombidioidea (Acari, Parasitengona), Department of Entomology (D. E. Jonston and W. C. Welbourn), 15 May 1984 through 14 May 1985. (Project 764017 - New)

July 6, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$3,860.00 - National Science Foundation, Washington, D. C., A Revision of the Psocinae (Coleoptera: Bostrichidae), Department of Entomology (C. A. Triplehorn and M. A. Ivie), 1 June 1984 through 31 May 1985. (Project 764055 - New)

\$2,615.00 - Department of Agriculture, Forest Service, Hamden, Connecticut, Isozyme Genetics of American Beech Relative to Resistance or Susceptibility to Beech Bark Disease, Natural Resources - OARDC (D. B. Houston), 1 May 1984 through 31 December 1984. (Project 764107 - New)

TOTAL - FEDERAL AWARDS

\$2,838,874.00

State of Ohio Research Contracts/Grants

\$20,141.00 - State of Ohio, Department of Development, Columbus, Ohio, Locate, Review, and Disseminate Curriculum and Instructional Materials on Energy Efficient Home Design and Construction, Department of Educational Policy and Leadership (C. M. Galloway), 4 May 1984 through 15 December 1984. (Project 764098 - New)

\$16,022.00 - State of Ohio, Department of Mental Health, Columbus, Ohio, Desipramine Plasma Levels and Clinical Response in Outpatients with Primary Depression, Department of Psychiatry (S. L. Stern), 1 June 1984 through 30 June 1984. (Project 763295 - Continuation)

\$10,204.00 - State of Ohio, Department of Education, Columbus, Ohio, "Upward Bound" Summer Food Service Program, Office of Minority Affairs (J. Cruz), 18 June 1984 through 28 July 1984. (Project 764110 - New)

\$9,900.00 - State of Ohio, The Ohio Humanities Council, Columbus, Ohio, New Music: OSU Hosts Nineteenth Annual American Society of University Composers Festival-Conference, School of Music (G. M. Proctor and T. Wells), 10 February 1984 through 31 May 1984. (Project 763998 - Continuation)

\$7,662.00 - State of Ohio, Ohio Water Development Authority, Columbus, Ohio, Design Standards for Composting of Sludge at Small to Medium Sized Waste Water Treatment Plants, Department of Plant Pathology - OARDC (H. A. J. Hoitink), 1 June 1984 through 30 November 1984. (Project 764112 - New)

\$5,000.00 - State of Ohio, The Ohio Humanities Council, Columbus, Ohio, An Evening in Byzantium: Presentations on Byzantine Civilization, Department of History (T. E. Gregory), 7 March 1984 through 31 December 1984. (Project 764050 - New)

July 6, 1984 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)

\$2,620.00 - State of Ohio, Department of Mental Health, Columbus, Ohio, Information Processing Differences among Children At-Risk for Schizophrenia, Attention Deficit Disorder Children, and Controls, Department of Psychology (P. A. Magaro), 1 May 1984 through 30 June 1984. (Project 764084 - New)

\$1,000.00 - State of Ohio, The Ohio Humanities Council, Columbus, Ohio, Women's Week, Mansfield Campus and Department of Educational Theory and Practice (A. E. Dittmer) and Mansfield Campus and Department of Political Science (B. L. Kahn), 17 April 1984 through 31 May 1984. (Project 764076 - New)

\$375.00 - State of Ohio, The Ohio Humanities Council, Columbus, Ohio, The Spiritual: A History and Performance, Department of English (M. E. Rucker), 3 January 1984 through 29 February 1984. (Project 763958 - Continuation)

TOTAL - STATE OF OHIO AWARDS

\$ 72,924.00

Industrial Research Contracts/Grants

\$99,092.00 - Pioneer Hi-Bred International, Inc., Johnston, Iowa, High Density Fermentation of Bacteria, Department of Microbiology (W. R. Strohl), 1 May 1984 through 30 April 1985. (Project 764090 - New)

\$70,534.00 - Smith Kline and French Laboratories, Philadelphia, Pennsylvania, Cardiovascular Effects of Single and Multiple Doses of SK & F 100168-A in Patients with Congestive Heart Failure Using Invasive Monitoring, Department of Medicine (C. V. Leier), 1 February 1984 through 31 January 1985. (Project 764078 - New)

\$50,000.00 - Rockwell International, Los Angeles, California, Radar Cross Section of Aircraft/Avionics Systems, Department of Electrical Engineering, ElectroScience Laboratory (L. Peters and W. D. Burnside), 1 May 1984 through 30 September 1984. (Project 762982 - Continuation)

\$49,937.00 - Westinghouse Electric Corporation, Baltimore, Maryland, Bistatic Radar Scattering Measurements and Analyses, Department of Electrical Engineering, ElectroScience Laboratory (J. D. Young), 15 May 1984 through 31 December 1984. (Project 764123 - Continuation)

\$49,486.00 - The Standard Oil Company (Ohio), Cleveland, Ohio, Determination of the Potential Yield Limiting Factors of Soybeans Using SOYMOD/OARDC, Department of Agricultural Engineering - OARDC (R. B. Curry), 15 April 1984 through 14 April 1985. (Project 764063 - New)

July 6, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial Research Contracts/Grants (contd)

\$24,200.00 - Sandia National Laboratories, Albuquerque, New Mexico, Design and Fabricate a Remotely Piloted Miniature Aircraft for Instrumentation Evaluation in Flight, Department of Aeronautical and Astronautical Engineering (G. M. Gregorek), 12 April 1983 through 30 September 1984. (Project 763545 - Continuation)

\$12,035.00 - FMC Corporation, Philadelphia, Pennsylvania, Micro-crystalline Cellulose Stabilized Emulsions, College of Pharmacy (S. G. Frank), 15 May 1984 through 14 May 1985. (Project 764077 - New)

\$9,957.00 - HBJ Media Systems Corporation, Orlando, Florida, Career Development Needs of Adults: Institutions, Media, Products and Services, The National Center for Research in Vocational Education (R. E. Taylor), 1 May 1984 through 15 July 1984. (Project 764108 - New)

\$8,225.00 - Minitab, Inc., University Park, Pennsylvania, Robust Inference for Linear Models, Department of Statistics (J. C. Aubuchon), 1 July 1983 through 30 June 1984. (Project 764139 - New)

\$8,015.00 - Lilly Research Laboratories, Indianapolis, Indiana, A Clinical Study to Evaluate Ceftazidime Pentahydrate in Severe Infections Due to Gram-Negative Aerobic Bacilli, Department of Medicine (R. L. Perkins, R. J. Fass, J. L. Plouffe and M. F. Para), 1 April 1984 through 30 September 1984. (Project 763852 - Continuation)

\$8,000.00 - Eisai Co., Ltd., Tokyo, Japan, Lipid Metabolism and Transport in Rats with Streptozotocin Diabetes, College of Medicine - Administration and Department of Physiological Chemistry (D. G. Cornwell), 1 May 1984 through 30 April 1985. (Project 764127 - New)

\$4,089.00 - Adria Laboratories, Inc., Columbus, Ohio, Synthesis of Novel Anthracycline Glycosides, Department of Chemistry (D. Horton), 1 October 1983 through 30 September 1984. (Project 762866 - Continuation)

\$3,400.00 - International Training and Education Company, Framingham, Massachusetts, Inresident/Fellowship/Training and Assistance for Academic Program for Mr. Jaber Al-Essa, Jubail Human Resources Development Institute, The National Center for Research in Vocational Education (R. E. Taylor), 1 June 1984 through 31 August 1984. (Project 763633 - Continuation)

TOTAL - INDUSTRIAL AWARDS

\$ 396,970.00

July 6, 1984 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

\$60,390.00 - American Heart Association, Dallas, Texas, Ca^{++m} Calmodulin and Ca⁺⁺ Channels in Muscle Contraction, Department of Physiological Chemistry (J. D. Johnson), 1 July 1984 through 30 June 1986. (Project 764097 - New)

\$40,898.00 - Council on International Educational Exchange, New York, New York, Japanese English Teachers Workshop, Department of English (B. S. Sutton), 1 May 1984 through 31 December 1984. (Project 764079 - New)

\$36,720.00 - Leukemia Society of America, Inc., New York, New York, Transplantation of Murine Leukemia Bone Marrow after in Vitro Pharmacologic Treatment, Department of Medicine (E. A. Copelan), 1 July 1984 through 30 June 1986. (Project 764099 - New)

\$36,000.00 - Pike County Development and Energy Management Corporation, Piketon, Ohio, Reject Heat Utilization Development for Piketon, Ohio, Department of Agricultural Engineering - OARDC (W. L. Roller and D. L. Elwell), 11 May 1984 through 10 November 1984. (Project 764115 - New)

\$31,120.00 - American Iron and Steel Institute, Washington, D. C., Mixing and Flow Control in Slab Caster Tundishes, Department of Metallurgical Engineering (Y. Sahai), 1 May 1984 through 30 April 1985. (Project 764124 - New)

\$29,905.00 - The Petroleum Research Fund, Washington, D. C., Evaluation and Application of Oxygen-Isotope Analyses of Conodonts, Department of Geology and Mineralogy (W. C. Sweet), 1 May 1984 through 31 August 1986. (Project 764140 - New)

\$25,000.00 - Alfred P. Sloan Foundation, New York, New York, Alfred P. Sloan Research Fellowship, Department of Mathematics (T. Carlson), 16 September 1984 through 15 September 1986. (Project 764101 - New)

\$25,000.00 - Alfred P. Sloan Foundation, New York, New York, Alfred P. Sloan Research Fellowship, Department of Physics (T. L. Ho), 16 September 1984 through 15 September 1986. (Project 764102 - New)

\$25,000.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Ca⁺⁺, Calmodulin and Ca⁺⁺ Channels in Muscle Contraction, Department of Physiological Chemistry (J. D. Johnson), 1 July 1984 through 30 June 1985. (Project 764129 - New)

July 6, 1984 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)

\$24,587.00 - Danforth Foundation, St. Louis, Missouri, Leadership in Revitalizing the High School World Studies Curriculum, Mershon Center for Education (R. C. Remy and R. B. Woyach), 1 July 1984 through 30 November 1984. (Project 764093 - New)

\$20,920.00 - The National Association of Secondary School Principals, Reston, Virginia, A Unified Approach to the Psychometric Analysis of Data Collected during the Development of the NASSP Learning Styles Profile, Department of Family Medicine (J. S. Monk), 16 April 1984 through 31 December 1985. (Project 764085 - New)

\$18,000.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Biochemical Analysis of Myocardium after Vasodilator Therapy, Department of Medicine (D. V. Unverferth and D. Hammer), 1 July 1984 through 30 June 1985. (Project 764131 - New)

\$18,000.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Characterization of Nonlinear Procainamide Disposition (Fellowship Application), College of Pharmacy (J. J. Lima), 1 July 1984 through 30 June 1985. (Project 764122 - New)

\$18,000.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Diuretic Effects on Rhythm in Chronic Ischemic Canine Model, Department of Medicine (S. Schaal and B. Wilkoff), 1 July 1984 through 30 June 1985. (Project 764132 - New)

\$18,000.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Dynamics of the Ventilation-Perfusion Relationship, Department of Physiology (A. L. Kunz and R. P. Kaminski), 1 July 1984 through 30 June 1985. (Project 764117 - New)

\$15,000.00 - The Xerox Foundation, Stamford, Connecticut, Reproduction of Digital Imagery via Collotype, Department of Art Education (R. Tauber), 1 July 1984 through 30 June 1985. (Project 764087 - New)

\$12,000.00 - Alzheimer's Disease and Related Disorders Association, Inc., Chicago, Illinois, Lipases and Phospholipases in Alzheimer's Disease, Department of Physiological Chemistry (A. A. Farooqui), 1 July 1984 through 30 June 1985. (Project 764137 - New)

\$10,000.00 - The Weight Watchers Foundation, Inc., Manhasset, New York, Role of Endorphins in Stress-Induced Eating, Department of Pharmacology (G. A. Tejwani), 1 July 1984 through 30 June 1985. (Project 764088 - New)

July 6, 1984 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)

\$9,000.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Electrophysiologic Effects of the Isomers of Disopyramide, Department of Medicine (S. F. Schaal and G. A. Kidwell), 1 July 1984 through 31 December 1984. (Project 764130 - New)

\$7,000.00 - Greater Columbus Arts Council, Columbus, Ohio, Lorin Hollander Artist-in-Residency, Mershon Auditorium (T. M. Van Leer), 1 October 1984 through 30 June 1985. (Project 764109 - New)

\$6,500.00 - National Pork Producers Council, Des Moines, Iowa, Dietary Calcium and Phosphorus for High- and Average Producing Lactating Swine, Department of Animal Science - OARDC (D. C. Mahan), 1 July 1984 through 30 June 1985. (Project 764062 - New)

\$5,626.14 - North Atlantic Treaty Organization, Brussels, Belgium, High Resolution Infrared Spectroscopy, Department of Physics (K. N. Rao), 2 March 1984 through 1 March 1985. (Project 764094 - New)

\$3,500.00 - Greater Columbus Arts Council, Columbus, Ohio, Young Concert Artist Series, Mershon Auditorium (T. M. Van Leer), 1 October 1984 through 30 September 1987. (Project 764096 - New)

\$3,308.00 - Columbus - Franklin County Metropolitan Parks, Columbus, Ohio, Investigation of Factors Influencing Ground Water Level Fluctuations and Recruitment of Tree Seedlings and Herbaceous Annuals in an Elm-Ash Swamp Forest, Department of Botany (R. E. J. Boerner), 15 March 1984 through 14 March 1990. (Project 764081 - New)

\$3,000.00 - Greater Columbus Arts Council, Columbus, Ohio, Public Sculpture in Columbus, College of The Arts - Administration (J. Green), 18 June 1984 through 29 July 1984. (Project 764089 - New)

\$2,000.00 - Ohio Pork Production Council, Westerville, Ohio, The Influence of Electrical Stimulation on the Rate of Cure Penetration in Pork Tissue, Department of Animal Science (H. W. Ockerman), 1 May 1984 through 30 April 1985. (Project 764120 - New)

\$1,300.00 - Robert L. Letcher, M.D., New York, New York, Studies of Enzymatic Effects on Blood Protein Concentrations, College of Pharmacy (J. W. Williams), 1 June 1984 through 20 June 1984. (Project 763565 - Continuation)

\$949.00 - W. K. Kellogg Foundation, Battle Creek, Michigan, Kellogg National Fellowship Program, City and Regional Planning (S. I. Gordon), 1 May 1984 through 31 August 1984. (Project 762906 - Continuation)

July 6, 1984 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)

\$734.00 - Southern Illinois University at Carbondale, Carbondale, Illinois, Technical Assistance for the Southern Illinois University at Carbondale, The National Center for Research in Vocational Education (R. E. Taylor), 1 March 1984 through 30 June 1984. (Project 768047 - New)

TOTAL - OTHER NON-FEDERAL AWARDS \$ 507,457.14

ENGINEERING EXPERIMENT STATION

Industrial and Other Sponsored Research and Development

\$178,786.00 - IBM Corporation, Academic Information Systems, Stamford, CT, "TRIAD," Department of Computer and Information Science, 23 May 1984 through 31 March 1985. (529652)

\$101,709.00 - from 24 sponsors for 33 development projects under the supervision of five engineering departments/laboratories.

\$15,000.00 - AISI, Washington, D. C., "Experimental Determination of Combustibility," Department of Chemical Engineering, 1 May 1983 through 30 April 1984. (529001, Ext. 17)

\$12,000.00 - Argonne National Laboratory, Argonne, Illinois, "Fission Engineering Research Residency for Greg S. Rowe at McDonnell Douglas," Nuclear Engineering, 1 June 1984 through 31 December 1984. (529653)

TOTAL - INDUSTRIAL AND OTHER SPONSORED RESEARCH \$ 307,495.00

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Establishment of Named Funds

Litton Industries Scholarship Fund
in the College of Engineering

The Litton Industries Scholarship Fund in the College of Engineering was established July 6, 1984, by the Board of Trustees of The Ohio State University with a gift from the Foundation of the Litton Industries, Beverly Hills, California.

This gift is to be invested in the University's Permanent Endowment Fund under the rules and regulations adopted by the 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 scholarship for a full time graduate student in the Department of Electrical Engineering. The scholarship winners will be chosen primarily for their academic merit with no regard for

July 6, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

**Litton Industries Scholarship Fund
in the College of Engineering (contd)**

their financial need. Recipients will be named annually but may be eligible to compete for renewed awards. Selection of each recipient will be done by the Dean of the College of Engineering in cooperation with the Chairperson for the Department of Electrical Engineering and the President of the Foundation of the Litton Industries. During the annual selection process, the Dean will furnish the Foundation's President with information on at least three nominees. The President or his representative will be welcome to interview the candidates on campus but all of the expenses incurred through such visits will be the responsibility of the Foundation of the Litton Industries.

In the event that in the future certain criteria of the Litton Industries Scholarship are found to be unworkable, unfeasible, or impossible to adhere to, the Dean of the College of Engineering, in consultation with the President of the Foundation of the Litton Industries, may modify these criteria as long as the modifications are compatible with the spirit of the Litton Industries Scholarship. Furthermore, should the need for this scholarship 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 engineering education.

McCracken-Haney Scholarship Fund

The McCracken-Haney Scholarship Fund was established July 6, 1984, by the Board of Trustees of The Ohio State University with a gift to the Office of University Development from the estate of Glenn E. Haney, M.S., Mechanical 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 is to be used to assist needy and deserving students in the College of Engineering, with preference being given to those students enrolled in the Department of Mechanical Engineering who are majoring in or plan to major in the field of steam power engineering. Selection of the award recipients shall be made by a committee comprised of professors and instructors within the College of Engineering in consultation with the Dean of the College of Engineering and the University Scholarship Committee.

July 6, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

McCracken-Haney Scholarship Fund (contd)

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 purposes 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 engineering education.

Roy E. Roeder Memorial Scholarship Fund

The Roy E. Roeder Memorial Scholarship Fund was established July 6, 1984, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Mr. Eugene M. White, B.S.Bus.Adm., 1954, and Mrs. Marjorie L. (Roeder) White, B.S.Ed., 1958, daughter of Mr. Roeder.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide one or more scholarships for students enrolled at The Ohio State University who are graduates of Bath High School located in Allen County in Ohio. If there are no qualified applicants during a given year, the income for that period will be added to the principal. The selection of the recipient shall be made by the University Committee on Student Financial Aids, with preference being given to those recommended by the senior administrative official from Bath High School.

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 student financial aid.

Zelma L. Roeder Memorial Scholarship Fund

The Zelma L. Roeder Memorial Scholarship Fund was established July 6, 1984, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Mr. Eugene M. White, B.S.Bus.Adm., 1954, and Mrs. Marjorie L. (Roeder) White, B.S.Ed., 1958, daughter of Mrs. Roeder.

All gifts are to be invested in the University's Permanent Endowment Fund, under the 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, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Zelma L. Roeder Memorial Scholarship Fund (contd)

The annual income is to be used to provide one or more scholarships for students enrolled at The Ohio State University who are graduates of schools located in either Allen or Hancock County in Ohio and are majoring in music or music education. First preference is to be given to students of keyboard instruments. If there are no qualified applicants during a given year, the income for that period will be added to the principal. The selection of the recipient shall be made by the University Committee on Student Financial Aids, with preference being given to those recommended by senior administrative officials from schools located in Allen and Hancock Counties.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the fund 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 music education.

Change in Description of Named Fund

The Charles Birkenshaw Mendenhall Memorial Fund

The Charles Birkenshaw Mendenhall Memorial Fund was established April 12, 1965, by a gift through the Development Fund from Helen Webb Mendenhall (Mrs. C. B.), in memory of her late husband, who for 22 years was a Professor in the College of Education at The Ohio State University.

The principal is to be invested according to rules and regulations therefor adopted by the Board of Trustees of The Ohio State University.

The income is to be used for graduate scholarships for students attending The Ohio State University from Asia or Africa who are enrolled in the College of Education, with preference given to students from South Asia.

In the event the need for such scholarships should cease to exist or so diminish as to create unused income, then the income may be used by the Board of Trustees of The Ohio State University for any worthy University purpose at its discretion, first preference however to be given to items or services in the College of Education and second preference to be given to graduate scholarships to foreign students from any country.

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July 6, 1984 meeting, Board of Trustees

**SALE OF PROPERTY
380 KING AVENUE, COLUMBUS, OHIO**

Resolution No. 85-7

Synopsis: Authorization to sell property at 380 King Avenue, Columbus, Ohio is requested.

WHEREAS Maude Morrill Haskett by will devised to the Board of Trustees property located at 380 King Avenue upon the termination of the life estate of Helen G. Morrill; and

WHEREAS the University purchased the life estate of Helen G. Morrill on June 1, 1976; and

WHEREAS the terms of Maude Haskett's will directed that, upon termination of the life estate, the University should sell the property and use the income from the investment for the sole purpose of maintaining the Frank H. Haskett Memorial Scholarship Fund; and

WHEREAS the University desires to sell this property at or above the appraised fair market value of \$10,000, upon such terms and conditions as are deemed to be in the best interest of the University:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Finance be authorized to sell, in the name of the Board of Trustees of The Ohio State University, at or above the appraised fair market value of \$10,000, the property located at 380 King Avenue, Columbus, Ohio, with the net proceeds from such sale being used for the sole purpose of maintaining the Frank H. Haskett Memorial Scholarship Fund; and

BE IT FURTHER RESOLVED, That this authorization shall expire as of June 30, 1985.

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

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**EASEMENT
OHIO POWER COMPANY**

Resolution No. 85-8

Synopsis: Renewal of electrical service easement to the Ohio Power Company is proposed.

WHEREAS in 1969 the University granted to the Ohio Power Company a 15-year easement consisting of a strip of land ten feet in width and 260 feet in length for the purpose of installing and maintaining electric service servicing buildings on the Newark Campus of the University; and

July 6, 1984 meeting, Board of Trustees

**EASEMENT
OHIO POWER COMPANY (contd)**

WHEREAS this easement expired on May 6, 1984, and the Ohio Power Company has requested a renewal of the easement for a period of 15 years; and

WHEREAS the electric service serves only University facilities; and

WHEREAS the appropriate University offices have recommended a 15-year renewal of this easement upon the same terms and conditions as the original grant:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Finance 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. Immke, seconded by Mr. Berry, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**EASEMENT
COLUMBUS AND SOUTHERN OHIO ELECTRIC COMPANY
Resolution No. 85-9**

Synopsis: Authorization to grant an easement to the Columbus and Southern Ohio Electric Company for the installation of a guy pole is requested.

WHEREAS the Columbus and Southern Ohio Electric Company has requested a 15-year easement consisting of a strip of land ten feet in width and 30 feet in length for the purpose of installing and maintaining a guy pole to stabilize electric lines servicing buildings at 1314 Kinnear Road; and

WHEREAS the guy pole and electric lines will serve only University facilities; 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 Finance 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. Immke, seconded by Mr. Berry, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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July 6, 1984 meeting, Board of Trustees

**EASEMENT
COLUMBIA GAS OF OHIO**

Resolution No. 85-10

Synopsis: Renewal of a gas line service easement to Columbia Gas of Ohio is proposed.

WHEREAS in 1969 the University granted to Columbia Gas of Ohio a 15-year easement consisting of a strip of land ten feet in width and 166 feet in length for the purpose of maintaining gas line service to the west campus of the University; and

WHEREAS this easement expires on August 25, 1984, and Columbia Gas of Ohio has requested a renewal of the easement for a period of 15 years; and

WHEREAS the gas line serves only University facilities; and

WHEREAS the appropriate University offices have recommended a 15-year renewal of this easement upon the same terms and conditions as the original grant:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Finance 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. Teaford, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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GROUP HOSPITALIZATION INSURANCE PROGRAM

Resolution No. 85-11

Synopsis: Renewal of the faculty/staff group hospitalization insurance coverage is recommended for award.

WHEREAS the Board of Trustees on May 6, 1977 designated Blue Cross of Central Ohio as the provider for the faculty/staff hospitalization insurance program until such time as deemed appropriate to seek new bids; and

WHEREAS quotations for continuing the coverage subsequent to June 30, 1984, the expiration date of the current contract, have been solicited; and

WHEREAS eleven (11) carriers were asked to bid on the program, and three (3) proposals were received along with six (6) declinations; and

July 6, 1984 meeting, Board of Trustees

GROUP HOSPITALIZATION INSURANCE PROGRAM (contd)

WHEREAS the appropriate University offices have reviewed the proposals received and have concluded that the present underwriter should be retained:

NOW THEREFORE

BE IT RESOLVED, That for the insured faculty/staff members of The Ohio State University, Blue Cross of Central Ohio be designated as the underwriter for the hospitalization coverages at an estimated annual premium of \$11,695,434; and

BE IT FURTHER RESOLVED, That the coverages, premium and performance of the carrier be reviewed annually with the contract remaining in force until such time as it is deemed appropriate to seek new proposals.

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

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**EXPANSION OF OPTIONAL FEE CONTRIBUTION
FOR STUDENT GOVERNMENT SUPPORT**

Resolution No. 85-12

Synopsis: It is proposed that the existing optional fee contribution for Undergraduate Student Government special projects be expanded to make this mechanism available to graduate and professional students to contribute toward special projects for their appropriate student government.

WHEREAS on May 20, 1984, the Council of Graduate Students requested expansion of the optional contribution checkoff system to support special projects administered by the Council of Graduate Students; and

WHEREAS on May 23, 1984, the Council on Student Affairs approved this proposition and requested that it be forwarded to the Board of Trustees for consideration; and

WHEREAS all student government bodies--Undergraduate Student Government, the Council of Graduate Students and the Graduate/Professional Council--should have access to these funds from their appropriate constituencies; and

WHEREAS the present checkoff procedure for Undergraduate Student Government can be utilized for such a plan with little administrative alteration;

NOW THEREFORE

BE IT RESOLVED, That graduate and/or professional students shall have the opportunity to utilize the optional fee checkoff system whereby they can contribute \$1.00 per quarter for the support of special projects administered by their appropriate student government; that the funds so collected quarterly

July 6, 1984 meeting, Board of Trustees

**EXPANSION OF OPTIONAL FEE CONTRIBUTION
FOR STUDENT GOVERNMENT SUPPORT (contd)**

shall be distributed to the student government units based on the contributions from their appropriate student constituencies; and that this procedure shall be implemented effective Winter Quarter, 1985.

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

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REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 85-13

RESOLVED, That the report on the University's Investment Portfolio, dated June 15, 1984, 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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Mr. Havens: I would just like to make one point before we adjourn. I really think that Tom Tobin has got the organization going well at the Development Fund--that report he gave was a 20% increase. It is a difficult job and he and his folks have evidently done a good one. He has signed on next year for an increase of another 20%, and I think we ought to recognize him as having a job well done.

President Jennings: I appreciate that and I know Tom does.

Mr. Tobin: Yes, I do. But the credit should be spread around to quite a few different areas and different people. I certainly appreciate your comments.

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Thereupon the Board adjourned to meet Friday, September 7, 1984, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Madison H. Scott
Secretary

D. James Hilliker
Chairman

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APPENDIX I

Degrees Conferred at

THE OHIO STATE UNIVERSITY
COMMENCEMENT CONVOCATION

August 30, 1984

Commencement Speaker

Charles L. Babcock **Commencement Speaker**

Charles L. Babcock is chairperson and professor in the Department of Classics at Ohio State. He came to the University in that position in 1966, served as dean of the College of Humanities from 1968 to 1970, and returned to the position of chairperson in 1980. A specialist in the fields of Latin literature and epigraphy and Roman history, he has been on the faculty at Cornell University and the University of Pennsylvania and was professor-in-charge of the American Academy in Rome in 1966 and of the Intercollegiate Center for Classical Studies in Rome in 1974-75. He received the Alumni Award for Distinguished Teaching at Ohio State in 1982 and, during the same year, was given an award of merit by the Classical Association of the Midwest and South. He has been active in professional associations, including the American Philological Association, the Classical Association of the Midwest and South, the Classical Society of the American Academy of Rome, and the Vergilian Society of America. He recently became a member of the executive committee of the Association of Departments of Foreign Languages. He was coauthor of *Aspects of Roman Civilization*, published in 1980, and has contributed a number of articles, reviews, and papers. Babcock is a native of Whittier, California, and earned bachelor's, master's, and doctoral degrees at the University of California at Berkeley.

Distinguished Service Awards

Roy H. Bowen **Distinguished Service Award**

Roy H. Bowen has played a lead role in central Ohio theatre for nearly 40 years. As both an Ohio State faculty member and an active participant in local community theatre organizations, he has made a remarkable contribution to the health and vitality of theatre in this area by establishing a strong and vital bond of creative support and friendship between the University and numerous theatre groups in the community. His influence has extended beyond central Ohio through his work as a founder of the Ohio Community Theater Association, an organizer of American Playwrights Theater, and guest directing assignments at festivals and universities. A native Ohioan, Bowen received a bachelor's degree from Otterbein College, a master's degree from Northwestern University, and a Ph.D. from Ohio State—one of the first doctoral degrees in theatre awarded by the University. After 10 years as managing director of the Columbus Players Club, Bowen joined the Ohio State faculty full-time in 1958. He retired as professor emeritus in 1977. Bowen has directed more than 140 plays and musicals, including the world premiere of two Lawrence and Lee works, and in the process has developed a legion of admirers. Few faculty members have enjoyed the respect, affection, and admiration of their colleagues and the community that Bowen has. His human understanding, professional expertise, and artistic standards have been a valuable asset to the University, contributing to its national reputation in theatre education. Ohio State is pleased to recognize him for his service.

William J. Holloway **Distinguished Service Award**

When William J. Holloway brought his educational and administrative expertise to Ohio State in 1970, it was as the University's first vice provost for minority affairs. In his eight years in that post, he built a nationally respected program designed to encourage minority students to further their education at Ohio State. Since the establishment of this program, nearly 6,000 students have benefited. Even after he left the position of vice provost, he continued to serve the University by directing a two-year program to train Nigerian teachers at Ohio State. Before he came to Ohio State, Holloway had worked throughout the nation for the improvement of educational opportunity. In addition to his teaching career, his administrative positions at several universities, and his years in leadership roles with the U.S. Office of Education, he consulted widely and worked with numerous national professional education organizations. He has been recognized for his work by the Hampton Institute; the Southern Regional School Press Institute; the U.S. Department of Health, Education, and Welfare; the National Press Institute; the Ohio Legislature; Capital University; and the United Negro College Fund. He has been an active volunteer in each community in which he has lived—Columbus-area beneficiaries of his service have included Buckeye Boys Ranch, the Columbus Branch of the National Urban League, the NAACP, the Worthington Lions Club, and the United Christian Center. Although Holloway retired as professor emeritus of education in 1982, his influence will be long appreciated by this University.

The Graduate School

Acting Dean: John B. Gabel

Doctor of Musical Arts

Susan Elaine Jenkins, Wilmington, DE; B.S. [University of Delaware]; *Music*;
Dr. Thomas H. Wells

Kimberle Irene Moon, Dayton, B.M., M.M. [Ohio University]; *Music*;
Dr. Ach

Doctor of Philosophy

Joseph Harry Anthony, East Lansing, MI; B.A., M.S. [The Pennsylvania State University];
Accounting;
Dr. John K. Shank

Michelle Freda Ashbaugh, Chillicothe, B.A. [Northland College]; M.S.; *Plant Pathology*;
Dr. Phil O. Larsen

Robert S. Axtell III, Wenham, MA; B.S. [Springfield College]; M.S. [Indiana University]; *Health, Physical Education and Recreation*;
Dr. Robert L. Bartels

Marie Levis Baehr, Loveland, B.A. [Denison University]; M.S. [University of New Hampshire];
Physics;
Dr. James T. Tough

Wael-Hilal Mohamed Bahaa-El-Din, Alexandria, Egypt; B.S., M.S. [University of Alexandria, Egypt]; *Computer and Information Science*;
Dr. Ming Tsan Liu

Jo Ann Banks, Westminster, MD; B.S., M.S. [University of Wisconsin at La Crosse]; *Genetics*;
Dr. C. William Birky

Maria Ann Barr, Cherry Hill, NJ; B.A. [Stockton State College]; M.Ed. [Temple University];
Education;
Dr. Robert J. Silverman

Behnam Bavarian, Tehran, Iran; B.S. [Abadan Institute of Technology]; *Electrical Engineering*;
Dr. Hooshang Hernani

Randall James Bayer, East Aurora, NY; B.S. [Cornell University]; M.S.; *Botany*;
Dr. Daniel J. Crawford

Carol R. Biringer, Granville; B.S.N., M.S.; *Agricultural Economics and Rural Sociology*;
Dr. Ted L. Napier

Debrah Bokowski, Columbus; B.A. [University of Colorado]; M.A.; *Political Science*;
Dr. Aage R. Clausen

Germaine Gail Branch-Simpson, Columbus; B.A. [Bennett College]; M.A. [Montclair College];
Education;
Dr. Robert F. Rodgers

Joseph Michael Bricker, Wooster; B.S. [University of Akron]; M.S.; *Poultry Science*;
Dr. Yehia M. Saif

David Christopher Brown, London, England; B.Sc. [North Staffordshire Polytechnic]; M.Sc. [University of Kent at Canterbury, UK]; M.S.; *Computer and Information Science*;
Dr. B. Chandrasekaran

Kathryn Marie Brown, Chillicothe; B.S., M.S.; *Microbiology*;
Dr. Julius P. Kreier

Elizabeth Gail Bryant, Waynesville; B.S., M.S.; *Agricultural Economics and Rural Sociology*;
Dr. Ted L. Napier

Uinda Jane Carter, Orient; B.S. [University of Wisconsin at Eau Claire]; M.S. [Purdue University]; *Veterinary Pathobiology*;
Dr. James R. Blakeslee

Martha M. Castilla Garcia, Mexico City, Mexico; O.B.P. [National Politechnique Institute]; *Microbiology*;
Dr. Julius P. Kreier

Sister Mary Jeanette Cerney, O.S.F., Tiffin; B.A. [College of St. Francis, Joliet, Illinois]; M.A.; *History of Art*;
Dr. Anthony Melnikas

Kyung Chul Chae, Seoul, Korea; B.S. [Seoul National University]; M.S. [University of Oregon]; M.S.; *Industrial and Systems Engineering*;
Dr. Gordon M. Clark

Wen-yaw Chan, Kaohsiung, Taiwan; B.S. [National Central University]; M.S. [Purdue University]; M.S.; *Statistics*;
Dr. Robert Bartoszyński

Yu-An Chang, Taipei, Taiwan, R.O.C.; B.S. [National Taiwan University]; M.S.; *Pharmacy*;
Dr. Duane D. Miller

Yu-yih Chang, Taipei, Taiwan, R.O.C.; B.Ed. [The National Taiwan Normal University]; M.A.; *Music*;
Dr. A. Peter Costanza

Yea-Mlow Chen, Taiwan, Taiwan, R.O.C.; B.A. [National Taiwan University]; M.A.; *Economics*;
Dr. William G. Dewald

Patricia A. Child, Columbus; B.S., B.S., M.A.; *Education*;
Dr. James V. Wigtil

Shin-ii Cho, Tokyo, Japan; B.S. [Rikkyo University]; M.S. [Seoul National University]; *Physics*;
Dr. James R. Gaines

Michael Anthony Clahan, Willow Grove, PA; B.A. [LaSalle College]; M.S. [Rutgers University]; *Botany*;
Dr. Thomas N. Taylor

Eileen Anne Clines, West Hempstead, NY; B.S. [Loyola College]; *Genetics*;
Dr. C. William Birky

Chimin Jimmy Co, Taipei, Taiwan, R.O.C.; B.S. [Cheng-Kung University]; M.S. [Florida Atlantic University]; *Engineering Mechanics*;
Dr. Arthur W. Leissa

Bradley Keith Coltrain, Williamston, NC; B.A., M.S. [Wake Forest University]; *Chemistry*;
Dr. Daryle H. Busch

Donna Karen Crossman, Springfield; B.A. [Wittenberg University]; M.A.; *Sociology*;
Dr. Alfred C. Clarke

Dean Darrell Croushore, Upper Arlington; A.B. [Ohio University]; M.A.; *Economics*;
Dr. Edward J. Kane

Harold Wayne Davis, Fostoria; B.S., M.S. [Ohio University]; *Health, Physical Education and Recreation*;
Dr. Robert L. Bartels

Alice Jean DeLisle, Kansas City, MO; B.A. [University of Missouri-Columbia]; *Molecular, Cellular and Developmental Biology*;
Dr. Lee F. Johnson

Barbara Minnah De Luca, Dayton; B.S. [University of Dayton]; M.Ed. [Miami University]; *Home Economics*;
Dr. Jean S. Bowers

Brian Maxwell Douge, Perth, Western Australia, Australia; Dip.I. [Burwood State College of Victoria]; B.P.E., M.P.E. [University of Western Australia]; *Health, Physical Education and Recreation*;
Dr. Daryl L. Siedentop

Michael Vernon Ellis, Ft. Myers, FL; B.A. [Carson-Newman College]; M.S. [Illinois Institute of Technology]; *Psychology*;
Dr. Don M. Dell

Peter David Ellis, England; B.Ed, M.Ed. [Leeds University]; *Education*;
Dr. Robert B. Sutton

Ernest Louis Fields, Columbus; B.A. [Kent State University]; *Public Administration*;
Dr. Robert W. Backoff

Linda Marie Fisher, Kent; B.A. [Kent State University]; M.A.; *History of Art*;
Dr. Franklin M. Ludden

Victor Keith Fleming, Jr., Woodbridge, VA; B.A., M.A. [University of Alabama]; *History*;
Dr. Alan R. Millett

James Nobuyuki Fujita, Honolulu, HI; B.A., M.A. [University of Hawaii]; *Education*;
Dr. Edward D. Allen

Robert Anthony Galemno, Jr., Mooers, NY; B.A. [State University of New York at Potsdam]; M.S.; *Chemistry*;
Dr. Leo A. Paquette

Barbara Louise Chapin Galloway, Columbus; B.S., M.S. [Kansas State University]; *Home Economics*;
Dr. Joan E. Gritzmacher

Mary Patricia Gavanhan, Pittsburgh, PA; B.S. [Villa Maria College]; M.A.; *Psychology*;
Dr. Charles Wenar

Hugh Wesley Gibson, Wichita, KS; B.A., M.S.W. [University of Kansas]; *Social Work*;
Dr. Milton S. Rosner

- Barbara Louise Gouliart**, Kensington, MD; B.S. [University of Maryland]; M.S. [The Pennsylvania State University]; *Horticulture*; *Dr. David C. Ferree*
- David Alexander Grahame**, Glens Falls, NY; B.S., M.S. [University of Vermont]; *Chemistry*; *Dr. Robert M. Mayer*
- Kenneth E. Green**, Fife, WA; B.A. [Eastern Washington University]; M.S.; *Agricultural Economics and Rural Sociology*; *Dr. William L. Flinn*
- Gary Glenn Grove**, Canton; B.S., M.S. [Ohio University]; *Plant Pathology*; *Dr. Michael A. Ellis*
Dr. Laurence V. Madden
- Oguzhan Gurdogan**, Istanbul, Turkey; B.S., M.S. [The Middle East Technical University]; *Engineering Mechanics*; *Dr. Sunder H. Advani*
- Sivaraman Guruswamy**, Madras, Tamilnadu India; B.Tech. [Indian Institute of Technology]; *Metallurgical Engineering*; *Dr. John P. Hirth*
- All Nezh Guven**, Ankara, Turkey; B.S. [Middle East Technical University]; M.S.; *Electrical Engineering*; *Dr. Stephen A. Sebo*
- Nazir Abdelhamid Hadidi**, Salt, Jordan; B.S. [Al-Azhar University, Egypt]; M.S.; *Horticulture*; *Dr. Dale W. Kretchman*
- Ernest W. Hallford**, McKenzie, AL; B.A. [University of Alabama]; M.A.; *Psychology*; *Dr. Dean H. Owen*
- Harold J. Harlan**, Washington Court House; B.S., M.S.; *Entomology*; *Dr. Woodbridge A. Foster*
- William Victor Harper**, Worthington; B.S., M.S.; *Industrial and Systems Engineering*; *Dr. John B. Neuhardt*
- Fathalla Mohamed Harraz**, Alexandria, Egypt; B.S., M.S. [Alexandria University]; *Pharmacy*; *Dr. Raymond W. Doskotch*
- Margaret Melinda Hayes**, Shelbyville, IL; B.S. [University of Illinois]; M.A.; *Psychology*; *Dr. Nancy E. Betz*
- Jay Stanley Hobgood**, Columbus; B.A., M.A.; *Geography*; *Dr. John N. Rayner*
- Zelda Jean Holcomb**, Schenectady, NY; B.S. [State University of New York at Plattsburgh]; M.S. [College of St. Rose]; *Education*; *Dr. William C. Loadman*
- Courtray Alphonso Holder**, Bridgetown, St. George, Barbados; B.A., Dipl., M.A. [University of the West Indies]; *Education*; *Dr. Virgil E. Blanke*
- Yiming Hong**, Chai-yi City, Taiwan, R.O.C.; B.S. [National Taiwan University]; *Mathematics*; *Dr. Eiichi Bannai*
- Randy Louis Hoover**, B.A., M.Ed. [Edinboro State University]; *Education*; *Dr. Robert R. Bargar*
- Ronnie Douglas Horner**, Sylvania; B.S., M.A. [University of Toledo]; M.S.; *Preventive Medicine*; *Dr. Thomas N. Chirinko*
- David A. Howarth**, Newark; B.A. [Wittenberg University]; M.A. [Western Michigan University]; *Geography*; *Dr. John N. Rayner*
- Susan Hunter**, Columbus; B.A. [Marshall University]; M.A. [Central Michigan]; M.A.; *Political Science*; *Dr. Stuart J. Thorson*
- Minabere Ibelema**, Bonny, Rivers State, Nigeria; B.A. [Wilberforce University]; M.A.; *Communication*; *Dr. Robert R. Monaghan*
- Orobosa Chris Igodan**, Benin City, Bendel, Nigeria; B.S., M.S. [Northwest Missouri State University]; *Agricultural Education*; *Dr. Lawrence H. Newcomb*
- Carl Edward Jaske**, Columbus; B.S., B.S., M.S. [University of Illinois]; *Metallurgical Engineering*; *Dr. John P. Hirth*
- John Paul Jones III**, Columbus; B.A. [University of Florida]; M.S. [Florida State University]; *Geography*; *Dr. Emilio Casetti*
- Daniel Paul Joseph**, Ashland, MA; B.S. [Bridgewater State College]; M.S. [University of Wisconsin at LaCrosse]; *Health, Physical Education and Recreation*; *Dr. Walter F. Erising*
- Robert Elton Kaderly**, Columbus; B.S. [Otterbein]; D.V.M., M.S.; *Veterinary Anatomy*; *Dr. Bettina G. Anderson*
- Hyo-Suk Kang**, Seoul, Korea; B.A. [Seoul National University]; M.B.A. [University of Santa Clara]; *Business Administration*; *Dr. Edward J. Kane*
- Sister Margaret Mary Kelly**, Joliet, IL; B.A. [College of St. Francis, Joliet]; M.M. [University of Wisconsin]; *Music*; *Dr. Jere L. Forsythe*
- Gary Richard Kidd**, Columbus; B.S. [University of Massachusetts, Amherst]; M.A.; *Psychology*; *Dr. Mari R. Jones*
- Sang Phil Kim**, Seoul, Korea; B.A. [Yon-Sei University]; M.B.A. [University of Santa Clara]; *Business Administration*; *Dr. Stephen A. Buser*
- Thomas Wayne Kornbau**, Poway, CA; B.E.E. [General Motors Institute]; M.S.; *Electrical Engineering*; *Dr. Benedict A. Munk*
- Anthony Jay Kosar**, Wheeling, WV; B.M. [West Liberty State College]; M.M. [Southern Illinois University]; *Music*; *Dr. Burdette L. Green*
- Dennis James Kouritz**, Columbus; A.B. [Wittenberg University]; M.S.; *Chemistry*; *Dr. Devon M. Meek*
- Jerome Joseph Kowal**, Gunnison, CO; B.S. [Chicago State University]; M.Ed. [DePaul University]; *Education*; *Dr. James J. Buffer*
- Tibbe R. Kposowa**, Bumpo, Bo District, Sierra Leone; B.A. [Indiana Central University]; M.A., M.A. [Indiana State University]; *Education*; *Dr. William Moore*
- Christiane Kraemer**, Mannheim, West Germany; Zwischen Pruefung [Universitaet Heidelberg]; M.A.; German; *Dr. Johanna S. Belkin*
- Jong-Min Ku**, Taipei, Taiwan, R.O.C.; B.S., M.S. [National Taiwan University]; *Mathematics*; *Dr. Joseph C. Ferrar*
- Myunghi Synn Kwock**, Seoul, Korea; B.A. [Yon-Sei University]; M.Ed. [Kyungbuk National University]; *Psychology*; *Dr. Gerald A. Winer*
- Jae-Sool Kwon**, Seoul, Korea; B.S., M.Ed. [Seoul National University]; *Education*; *Dr. Victor J. Mayer*
- Susan Jane Lawless**, Worthington; B.S., M.S. [Eastern Illinois University]; *Health, Physical Education and Recreation*; *Dr. Daryl L. Siedentop*
- Shih-ping Lee**, Lun-tan, Taiwan, R.O.C.; B.S. [Chung-Cheng Institute of Technology]; M.S. [Tsing Hwa University]; *Electrical Engineering*; *Dr. Robert B. McGhee*
- Robert Allen Lehnhard**, Traverse City, MI; B.A. [Southern Methodist University]; *Health, Physical Education and Recreation*; *Dr. Robert L. Bartels*
- Gordon B. Lindsay**, Salt Lake City, UT; B.S. [Brigham Young University]; M.S. [University of Utah]; *Health, Physical Education and Recreation*; *Dr. Robert Kaplan*
- Ching-Hsing Fan Loo**, Ypsilanti, MI; B.A. [National Taiwan University]; M.A. [University of Cincinnati]; *Business Administration*; *Dr. Stephen A. Buser*
- Scott Lozanoff**, Holland; B.A. [University of Toledo]; M.S.; *Anatomy*; *Dr. John A. Negulesco*
- Alan Paul Lundstedt**, Marblehead, MA; B.S. [Northeastern University]; *Chemistry*; *Dr. Roger E. Gerkin*
- Deborah Marlon MacDonald**, Crapaud, Prince Edward Island, Canada; B.A. [University of Prince Edward Island]; M.A. [Wake Forest University]; *Communication*; *Dr. Thomas A. McCain*
- Paul Duncan MacDougal**, Columbus; B.S. [University of North Carolina]; M.S.; *Computer and Information Science*; *Dr. Franklin C. Crow*
- Janice Lynn Madan**, Cambridge; B.A. [Ohio Dominican College]; M.A.; *Education*; *Dr. Edward D. Allen*
- Phyllis Gentry Magliocca**, Huntington, WV; B.A., M.A. [Marshall University]; *Education*; *Dr. Thomas M. Stephens*

- Ian Thomas Malloch**, Thornhill, Ontario, Canada, B.A. (McMaster University); M.Sc.Ed. (Niagara University); Education;
Dr. Aaron J. Miller
- Lenore Meimyer**, Columbus; B.S., M.S.; Psychology;
Dr. Henry Leland
- Arvind K. Nagar**, Achheja, India; B.S. (Oklahoma State University); M.M.E. (Midwest College of Engineering); Engineering Mechanics;
Dr. Li-Sheng W. Fu
- Randall Graham Nichols**, Columbus; B.S., M.A.; Education;
Dr. John C. Belland
- Lee Bruce Opatowsky**, Woodland Hills, CA; A.B., A.B. (University of California at Berkeley); M.S.; Physics;
Dr. Tough
- Leo Ronald Orsino**, Hicksville, NY; B.S. (New York Institute of Technology); M.S. (Queens College); Education;
Dr. Joseph J. Quaranta
- Brenda Jean Osgweh**, Tuscaloosa, AL; B.A. (Stillman College); M.A.; Education;
Dr. Elsie J. Albery
- Thomas Scott Parry**, Columbus; B.A., M.A. (Brigham Young University); Education;
Dr. Gilbert A. Jarvis
- Charles Bayard Paschall, III**, Columbus; B.A. (Tufts University); M.S.; Dairy Science;
Dr. H. Charles Hines
- Clyda Paire Pettite**, Morgantown, WV; B.S., M.A. (West Virginia University); Art Education;
Dr. Kenneth A. Marantz
- Craig Lawrence Phelan**, Detroit, MI; B.A. (Miami University); M.A.; History;
Dr. Warren R. Vantine
- David Pilgrim**, Mobile, AL; B.A. (Jarvis Christian College); M.A.; Sociology;
Dr. Robert M. Jobau
- Terrí Sue Pope**, Cleveland, B.S. (Case Western Reserve University); Food Science and Nutrition;
Dr. John B. Alred
- Marci David Porter**, Columbus; B.S., M.S. (Wright State University); Chemistry;
Dr. Theodore Kuwana
- Oscar Bennett Potter**, Chipley, FL; B.S. (Florida A&M University); M.A. (University of Florida); M.A. (Florida Atlantic University); Agricultural Education;
Dr. J. David McCracken
- Syed Samullah Qadri**, Columbus; B.S. (Osmania University); A.I.F.C. (Indian Forest College); M.Appl.Stat.; Statistics;
Dr. Robert Bartoszynski
- Anbil N. Ranganathan**, Bangalore, Karnataka, India; B. Tech (Indian Institute of Technology); M.S. (Ohio University); Industrial and Systems Engineering;
Dr. Gordon M. Clark
- Michel Doyle Ransom**, Pleasant Plains, AK; B.S.A., M.S. (University of Arkansas); Agronomy;
Dr. Neil E. Smeck
- Norman Gerhard Reichenbach**, Columbus; B.S., M.S.; Entomology;
Dr. Gordon R. Stairs
- Joy Hariman Retly**, Tunbridge Wells, Kent, England; B.F.A., M.A.; Theatre;
Dr. George P. Crepeau
Dr. Alan Woods
- Holly J. Richardson-Lehrhard**, Iowa City, IA; B.S. (University of Iowa); M.S. (University of Wisconsin at LaCrosse); Health, Physical Education and Recreation;
Dr. Robert L. Bartels
- Craig Alan Rimmerman**, Lyndhurst; A.B. (Miami University); M.A.; Political Science;
Dr. Randall B. Ripley
- Paulette Hilton Robinson**, Portland, OR; B.A.A. (University of Oregon); M.Ed. (Oregon State University); Education
Dr. Anthony A. Olinzock
- Judith Ann Roof**, Columbus; B.A., M.A. (University of Toronto); J.D., M.A.; English;
Dr. Katherine H. Burkman
- Virginia Lorenzaen Rose**, Dublin; B.S., M.A.; Education;
Dr. James E. Sage
- Babak Sabi**, Tehran, Iran; B.A. (Wittenberg); M.S.; Electrical Engineering;
Dr. Martin O. Thurston
- Steven James Sacco**, Columbus; B.A. (Western Illinois University); M.A.T. (University of Illinois); Education;
Dr. Gilbert A. Jarvis
- Carlos Luis Santiago**, Puerto Rico; B.S. (University of Puerto Rico); Molecular, Cellular and Developmental Biology;
Dr. Lee F. Johnson
- Elspeth Henry Sawyer**, Columbus; B.S.N. (Cornell University); M.S.; Home Economics;
Dr. Jean Dickerscheid
- Paul Dale Schkolnik**, Lyndhurst, B.A. (Carnegie-Mellon University); M.A.; Psychology;
Dr. Richard Russell
- Carolyn Lee Schmidt**, Syracuse, NY; B.A. (St. Lawrence University); M.S.W. (University of Pittsburgh); Social Work;
Dr. Milton S. Rosner
- Kim Nan Schneider**, Chappaqua, NY; B.A. (Brandeis University); M.A.; Anthropology;
Dr. Paul W. Scullii
- Mark Glenn Schweitzer**, Pittsburgh, PA; B.A. (Theil College); Chemistry;
Dr. Derek Horton
- Pall Sen**, Calcutta, West Bengal, India; B.S. (B.K.C. College); M.Sc. (Jadavpur University); M.S.; Biostatistics;
Dr. Ramesh C. Srivastava
- Frank John Servedio**, New York, NY; B.A., M.S. (Herbert H. Lehman College); Health, Physical Education and Recreation;
Dr. Robert L. Bartels
- Jami Jamshed Shah**, Karachi, Pakistan; B.E.M.E. (N.E.D. Engineering College); M.S. (University of Pittsburgh); Mechanical Engineering;
Dr. Gary L. Kinzel
- Pamela Jean Sharpe**, Toledo; B.A., M.A. (University of Florida); Education;
Dr. Donald R. Bateman
- Debbie Lynn Shepherd**, Norman, OK; B.A., M.A. (University of Oklahoma); Education;
Dr. Patricia E. Blosser
- Charles John Shubra**, Indiana, PA; B.S. (Indiana University of Pennsylvania); M.S. (The Pennsylvania State University); Computer and Information Science;
Dr. Jayashree Ramanathan
- Alice Ellen Simon**, New York, NY; B.S. (Queens College of the City University of New York); M.S. (Cornell University); Home Economics;
Dr. Loren V. Geistfeld
- Donna Lucille Sloan**, Macomb, IL; B.S., M.S. (Iowa State University); Home Economics;
Dr. Mary Lapsitzky
- Charles B. Smithson**, South Bend, IN; B.S., M.S. (Southern Illinois University); Education;
Dr. James E. Sage
- Shih-Mlin Song**, Tansai, Taiwan, R.O.C.; B.S. (Tatung Institute of Technology); M.S.; Mechanical Engineering;
Dr. Kenneth J. Waldron
- Karl Ludwig Stenger**, Bonn, West Germany; State Examination (University of Bonn); M.A.; German;
Dr. Gisela M. Vitt
- Andrea F. Stuck**, Kenton, B.S., M.A.; Education;
Dr. Nancy L. Zimpher
- Anne Margaret Swartzlander**, Gibsonburg; B.S. (Iowa State University); M.S.; Home Economics;
Dr. Jean S. Bowers
- Kyung Hi Synn**, Columbus; B.A. (Keimyung University); Business Administration;
Dr. Rene M. Stutz
- Cassandra Lee Teller**, Westerville; B.A. (Capital University); M.A.; Art Education;
Dr. Kenneth A. Marantz
- Samuel Vinod Thambou**, Madras, India; B.Tech. (Indian Institute of Technology); M.S. (Youngstown State University); Metallurgical Engineering;
Dr. Gordon W. Powell
- Shirley Elizabeth Thompson**, Columbus; A.B. (Mount Holyoke College); Ed.M. (Tufts University); Education;
Dr. Marjorie E. Ward
- James B. Thomson**, Syracuse, NY; B.S. (The Georgia Institute of Technology); M.A.; Economics
Dr. Edward J. Kane

Sister Jo Ann Trama, Scranton, PA; B.S. (Marywood College); M.S. (Drexel University); *Home Economics*;
Dr. Barbara M. Newman

Victor V. Tryon, Seattle, WA; B.S. (University of Washington); *Medical Microbiology and Immunology*;
Dr. J. Dennis Pollack

David Lee VanDerPuy, Columbus; B.S. (University of Wisconsin at Madison); M.S.; *Agronomy*;
Dr. Edward W. Stroube

Gary Alan Walco, Van Nuys, CA; B.A. (University of California at Los Angeles); M.A.; *Psychology*;
Dr. Felicisima C. Serafica

Rex Ervin Wallace, Columbus; B.S., M.A. (University of Nebraska); M.A.; *Linguistics*;
Dr. Brian D. Joseph

Mary Elizabeth Webeler, Elmhurst, IL; B.S., M.Ed. (Miami University); *Education*;
Dr. Sharon E. Fox

Godage Bandula Wickramanayake, Padmini, Unawatuna, Sri Lanka; B.Sc. (University of Sri Lanka); M.Eng. (Asian Institute of Technology); *Civil Engineering*;
Dr. Otis J. Sproull

Andrew J. Woldar, New York, NY; B.S. (City College of New York); M.S.; *Mathematics*;
Dr. Ronald Solomon

Charles Mark Zarobla, Cleveland; A.B. (John Carroll University); M.A. (Syracuse University); *English*;
Dr. Edward P.J. Corbett

David Louis Zeltzer, Columbus; B.S. (Southern Oregon State College); M.S.; *Computer and Information Science*;
Dr. B. Chandrasekaran

David James Zuhke, Worthington; B.S., M.A. (Michigan State University); *Education*;
Dr. Walter G. Hack

Master of Applied Statistics

Sana Salah Bahamra, Kuwait, Kuwait; B.Sc. (Kuwait University); *Statistics*

James Reid Crichton, Memphis, TN; B.S. (Memphis State University); *Statistics*

Lynn Chung, Taipei, Taiwan, R.O.C.; B.S. (National Chung Hsing University); *Statistics*

Nien-Ling Tang, Taipei, Taiwan, R.O.C.; B.S. (National Cheng Chi University); *Statistics*

Richard Henry Willis, Mobile, AL; B.S. (University of South Alabama); *Statistics*

Master of Architecture

Robert Lee Bates, Jr., Worthington; B.S.; *Architecture*

Wei-Shiou Cheng, Taipei, Taiwan, R.O.C.; B.A. (Chung-Yuan College, Taiwan); M.C.R.P.; *Architecture*

Yung-Cheng Peter Hong, Taipei, Taiwan, R.O.C.; B.A. (Tamkang University); *Architecture*

Ching-Yuan Liang, Kaohsiung, Taiwan, R.O.C.; B.Arch. (Chung Yuan Christian University); *Architecture*

Thomas John Nau, Fostoria; B.S.; *Architecture*

Carlos Tulio Sierra, Caracas, Distrito Federal, Venezuela; B.S. (Universidad Central de Venezuela); *Architecture*

Susana Mileo Sierra, Caracas, Distrito Federal, Venezuela; B.S. (Universidad Central de Venezuela); *Architecture*

Sombhop Tejanant, Bangkok, Thailand; B.A. (Chulalongkorn University); *Architecture*

Norma M. Vicente, Trujillo Alto, Puerto Rico; B.A. (Kansas State University); *Architecture*

Sung-Ling Wu, Taipei, Taiwan, R.O.C.; B.S., M.S. (National Cheng Kung University); *Architecture*

Master of Arts

Patricia Bryan Adams, Washington, NC; B.A. (Wake Forest University); *Theatre*

Rayetta C. Adams, Mattapan, MA; B.S. (Central State University); *Education*

Corinne B. Alles, Granville, B.A. (University of Michigan); *Education*

Abdullah A.M. Al-Eisa, Riyadh, Saudi Arabia; B.A. (Arizona University); *Health, Physical Education and Recreation*

Fahed M. Albani Al-Kahtani, Riyadh, Saudi Arabia; B.A. (Point Park College); *Health, Physical Education and Recreation*

James Henri Allison III, Camp Hill, PA; B.A. (University of Massachusetts); *Photography and Cinema*

Sami Abdul-Fattah Al-Mandalawi, Columbus; B.S. (University of Baghdad); *Health, Physical Education and Recreation*

Ibrahim Satey Al-Seayer, Riyadh, Saudi Arabia; B.A. (Jacksonville University); *Health, Physical Education and Recreation*

Rashed Hamad Al-Sebeal, Columbus; B.A. (Denver University); *Health, Physical Education and Recreation*

Wayne Edward Alt, Columbus, B.A. (Ohio Wesleyan); Ph.D.; *East Asian Languages and Literatures*

Curtis Dean Anderson, Marshall, MN; B.A. (Southwest State); *Journalism*

Linda Sue Anderson, Hanover, IN; B.A. (Hanover College); *Education*

Sharon Lynn Anderson, Columbus; B.S. (Otterbein College); *Education*

Onwura Emmanuel Aneke, Ukehe, Nigeria; B.Sc. (University of Khartoum), M.A. (Ohio University); *Economics*

Chukwuemeka Anlagolu, Eke, Anambra, Nigeria; B.A. (Xavier University); *Black Studies*

Kelly Cole Arspaugh, Wapakoneta; B.A.; *English*

Christine Marie Armbust, Columbus; B.S.; *Education*

Anne S. Arnold, Nashville, TN; B.M.E. (Belmont College); *Music*

Pierre-Yves Arzel, St. Avertin, France; E.S.C. (Nantes); *Business Administration*

Stephen Wade Ausmann, Marion; B.M.E. (Capital University); *Music*

Pamela Jo Bachman, Powell; B.S. (Bowling Green State University); *Education*

Lucy E. Bailey, Troy; B.S.; *Education*

Nancy Jayne Ballenger, Pataskala; B.S.; *Education*

Daniel Lewis Barber, Glenford; B.A.; *East Asian Languages and Literatures*

Gilles Barennes, Nantes, France; E.S.C. (Nantes); *Business Administration*

Craig W. Bartholomaeus, Wilmette, IL; B.A. (University of Illinois at Urbana); *English*

Nancy E. Bashore, Reynoldsburg; B.A.; *Education*

Barbara Ann Bauer, Reynoldsburg; B.M.Ed. (Capital University); *Music*

Heleen Johns Baumann, Pittsburgh, PA; B.S. (Indiana University of Pennsylvania); *Education*

Ibrahim Yahaya Bawa, Jega, Sokoto State, Nigeria; B.Sc. (University of Ibadan); *Public Administration*

Michael Gerald Bazinet, Terryville, CT; B.A. (The American University); *Journalism*

Michael Harry Behrmann, Huntington Woods, MI; B.A. (Michigan State University); *Education*

Tara Lynn Belt, Johnstown; B.A. (Capital University); *Education*

Esther Howard Benson, Columbus; A.B. (Asbury College); *Education*

John Andrew Berton, Jr., Columbus; B.A. (Denison University); *Art Education*

Carolyn Birmingham, Cleveland; B.A. (University of Rochester); *Health, Physical Education and Recreation*

Brad F. Blackstone, Thornville; B.A.; *Education*

Bernard Francis Blubaugh, Mt. Vernon; B.S. (Kent State University); *Education*

Nanette Frazier Bobb, Galloway; B.S.; *Education*

Patricia Diane Bolton, Columbus; B.A. (Ohio Dominican College); *Education*

Laura Lee Boyer, Columbus; B.S.; *Education*

Susan Elizabeth Branco, Munster, IN; B.A. (Hanover College); *Communication*

- Ronald G. Bridges**, Wintersville, B.S.; *Public Administration*
- Barbara Lynn Britton**, Madison, B.S. [Bowling Green State University]; *Health, Physical Education and Recreation*
- Jochim Brohm**, Essen, West Germany; Diploma [University of Essen]; *Photography and Cinema*
- Charles Frederick Brown**, Bexley, B.A. [University of Notre Dame]; M.A. [Middlebury College]; *Education*
- Julia Kathryn Brownell**, Pittsburgh, PA; B.S. [The Pennsylvania State University]; *Education*
- Christine Annette Browning**, Canal Winchester, B.S.; *Mathematics*
- Denise Dawn Bryant**, Dublin, B.A. [Capital University]; *Education*
- Debra Dean Buccilla**, Columbus, B.A. [Ohio Dominican College]; *Education*
- Patricia Elaine Buening**, Columbus, B.S.; *Education*
- Jeanne Marie Burke**, Wakeman, B.S. [Miami University]; *Education*
- Dorothy Hope Burton**, Mt. Vernon, B.S., M.A. [Ball State University]; *Education*
- Lynn E. Burton**, Columbus, B.S. [Miami University]; *Education*
- Michelle M. Calore**, White Plains, NY; B.A. [Boston College]; M.A.; *Education*
- Angela Mary Campbell**, Glasgow, Scotland; D.C.E. [Notre Dame College of Education, Glasgow, Scotland]; *Communication*
- Don Canaan**, Columbia, MD; B.A. [City College of New York]; *Journalism*
- Marchelle D. Carright**, Columbus, B.S.; *Education*
- Nancy Kay Cardwell**, Columbus, B.S.; *Education*
- Cathleen Marie Carey**, Danville, A.A.S. [Muskingum Area Technical College]; B.A.; *Journalism*
- Glynis Elaine Carr**, Columbus, B.A. [University of California at Berkeley]; *English*
- Rosita Ramona Carrasco**, Ciudad Bolivas, Bolivas, Venezuela; Sociologist [Universidad Central Venezuela]; *Sociology*
- Sharon Elaine Carter**, Groveport, B.S.; *Education*
- Marie-Pierre Denise Carton**, Chateau-Gontier, France; E.S.C. [Nantes]; *Business Administration*
- Debra Kay Cassels**, Dillonvale, B.S. [Ohio University]; *Education*
- Leonard Theodore Cencula**, Flushing, B.S. [University of Steubenville]; *Education*
- Susan Ann Chace**, Loveland, B.A.; *Journalism*
- Stuart W. Chis**, Parrish, FL; B.S. [University of Florida]; *Health, Physical Education and Recreation*
- Stephen Ian Leong Chock**, Honolulu, HI; B.S. [University of Hawaii]; *Psychology*
- Amy McKendry Clark**, Worthington, B.S.; *Education*
- Carol Lynn Clark**, London, B.A. [Miami University]; *Education*
- Tracie Linson Clay**, Columbus, B.A. [Mt. Vernon Nazarene University]; *Education*
- Alice Elaine Courtney**, Van Wert, B.A. [Earlham College]; *English*
- Autumn Lee Collins**, Zanesville, B.S. [Ohio University at Zanesville]; *Education*
- Karen Eileen Collins**, Columbus, B.S. [Wittenberg University]; *Education*
- Wilma Combs**, Columbus, B.A. [Morehead State University]; *Education*
- Constance Anne Compton**, Kettering, B.A. [Ohio Northern University]; *Education*
- Edward James Coss**, Columbus, B.S. [University of Toledo]; *History*
- Pierre Coumes**, Les Sables D'Olonne, France; DESCAF [Ecole Supérieure de Commerce Nantes]; *Business Administration*
- David William Covey**, Springfield, B.S.; *Dance*
- David Livingstone Cox**, Glendora, CA; B.A. [Pasadena College]; M.Div. [Nazarene Theological Seminary]; *History*
- Jean Davidson Cox**, Worthington, B.A. [The Pennsylvania State University]; *Education*
- Jessie Elizabeth Crook**, Columbus, B.S. [Malone College]; *Education*
- Barbara Ann Curry**, Talladega, AL; B.A. [Talladega College]; *Education*
- Michael James Cvlikas**, Fairview Park, B.A. [Wittenberg University]; *Health, Physical Education and Recreation*
- Holly Susan Cyphert**, Worthington, B.A.; *Education*
- Cary Dachtel**, Parma Hts., B.M.E., B.S. [Baldwin-Wallace College]; *Mathematics*
- Steven Frederick Dahn**, New York, NY; B.A. [City College of New York]; *Mathematics*
- James Clay Dann**, Oberlin, B.A. [College of Wooster]; *History*
- Brian Edward Davis**, Wellington, B.S.; *Education*
- Francine Davis**, Poughkeepsie, NY; B.S. [Union College]; *Psychology*
- Jeffrey Alan Davis**, Woodland Hills, CA; B.A. [California State University at Northridge]; *Health, Physical Education and Recreation*
- Judith DeFrate**, Worthington, B.S.; *Education*
- Barry Evan DeLong**, Adelphi, B.S.; *Health, Physical Education and Recreation*
- Dominick Sabino Dennis**, Springfield, B.A., M.S. [Miami University]; *Public Administration*
- Stephane Valery Derouin**, LeMans, Sarthe, France; DESCAFF [Ecole Supérieure de Commerce]; *Business Administration*
- Sharon D. Deridston**, Columbus, B.A. [Capital University]; *Education*
- Ruth Lee Dewald**, Columbus, B.A.; *English*
- Richard Allen Drudy**, Columbus, B.A.; *Education*
- Marcel P. Dufrene**, South Kingstown, RI; B.A. [University of Rhode Island]; *Journalism*
- William E. Dunaway**, Columbus, B.S.; *Health, Physical Education and Recreation*
- Martin De-Rousseau Dunn**, Lanett, AL; B.S. [Alabama State University]; *Education*
- Nannetta Yvette Durnell**, West Chester, PA; B.A. [North Carolina A&T State University]; *Journalism*
- Michael Chukwuma Eddoh**, Ilah, Bendel, Nigeria; B.S.; *Education*
- George Edward Edge**, Troy, B.M. [Bowling Green State University]; *Music*
- Amy Jane Edwards**, Dayton, B.S.; *Mathematics*
- William Jeffrey Edwards**, Dublin, B.A. [Miami University]; *Political Science*
- Suad Youssef Elmahally**, Tripoli, Libya; B.A. [Al-Fatah University]; *Education*
- Kim Victoria England**, Newcastle-Upon-Tyne, England; B.A. [University of Leicester]; *Geography*
- Linda Joyce Ensminger**, Massillon, B.A.; *Music*
- James Kelsey Estabrook**, Columbus, B.A. [Ohio Wesleyan University]; *Education*
- Kevin Irenes Eyster**, Bellville, B.A.; *English*
- Barbara S. Farrar-May**, West Milton, B.A. [Wittenberg University]; *Education*
- Lisa Anne Fischer**, Nitro, WV; B.A. [Marshall University]; *Education*
- Linda Sue Fisher**, Zanesville, B.S. [Miami University]; *Education*
- Carol Joan Fix**, Lancaster, B.S.E. [Bowling Green State University]; *Education*
- Jan Marie Flutt**, Jackson, MS; B.A. [Louisiana State University]; *English*
- Regina Mae Ford**, Jackson, MS; B.A. [Tougaloo College]; *Journalism*
- Candy Lou Forgrave**, Coshocton; B.S. [Ohio University]; *Education*
- Virginia Ruth Forsyth**, Columbus, B.A.; *Education*
- Garrick Ailyn Foushall**, Cleveland, B.S. [Kentucky State University]; *Education*
- Martha Ann Franks**, Cincinnati, B.S. [Ashland College]; *Education*
- Danielle Marie Frechou**, Pau, France; Licence, Maitrais [University of Bordeaux]; *Romance Languages and Literatures*
- John Steven Freshour**, Marion, B.S. [Findlay College]; *Education*
- Jacob Astor Gayle, Jr.**, Lancaster, NY; B.A. [Oberlin College]; M.S.; *Health, Physical Education and Recreation*
- Randall E. Gebhardt**, Ashtabula, B.S.; *Journalism*
- Donna Susan Gehrtsch**, Columbus, B.M.E.; *Education*

- Robert Bruce Geldron**, Columbus; B.A.; *Journalism*
- Myra Jewel George**, Bishopville, SC; B.A. (Bennett College); *English*
- Michael Aloys Giere**, Minster, B.M.E.; *Music*
- Patricia Logsdon Gill**, Columbus; B.A. (Ohio Dominican College); *Education*
- Amy Suzette Glenn**, Flint, TX; B.S. (University of Texas at Tyler); *Political Science*
- Jerry Harold Gordon**, Massillon; B.S., B.F.A. (Ohio University); *Education*
- Judith A. Gorius**, Newark; B.S.; *Education*
- Patricia Ann Grayson**, Wooster; B.S.; *Education*
- Louis James Grebetz**, Columbus; B.S. (Wayne State University); *Health, Physical Education and Recreation*
- Donna Stephenson Griffin**, Goldsboro, NC; B.M. (Meredith College); *Music*
- Rebecca Lamp Grimm**, Powell; B.A. (College of Wooster); *Education*
- Karen Virginia Guss**, Upper Arlington; B.A.; *Sociology*
- Christine Marie Guzzo**, Upper Arlington; B.A. (Ohio Wesleyan University); *Health, Education and Recreation*
- Betty B. Hall**, Columbus; B.S.; *Education*
- Israel Harad**, Haifa, 26 Zalman Sneur, Israel; B.A. (Haifa University); *Health, Physical Education and Recreation*
- JoAnn Harraill**, Columbus; B.S. (Kent State University); *Health, Physical Education and Recreation*
- Holly Dale Harris**, Galloway; B.S.; *Education*
- Phillip Alan Harris**, Galloway; B.S.; *Education*
- Cheryl Ann Harrison**, Newark; B.S.; *Education*
- William Alan Hatch**, Circleville, NY; B.S. (East Stroudsburg State College); *Health, Physical Education and Recreation*
- Diana J. Heath**, Lima; B.A.; *Education*
- Lawrence Henderson**, Columbus; B.S. (Central State University); *Education*
- Kathi Sue Hernandez**, Columbus; B.A. (Ohio University); *Education*
- Jeanie Marie Hertenstein**, Chillicothe; B.S. (Ohio University); *Education*
- Hugh David Hindman**, Worthington; B.A. (College of Wooster); *Public Administration*
- Raymond Thomas Hohl**, Columbus; B.A. (Xavier University); *Education*
- Patricia Ann Hokomb**, Dayton; B.S. (Miami University); *Education*
- Barbara Elizabeth Hood**, Binghamton, NY; B.S. (The Pennsylvania State University); *Education*
- Gwendolyn Jean Horsley**, Columbus; B.A.; *Black Studies*
- Scott W. Hoskins**, Dayton; B.A. (Wright State University); *Health, Physical Education and Recreation*
- Patricia Jane Howard**, Tallmadge; B.F.A. (Ohio Wesleyan University); *Art Education*
- Lynda Elare Irvin**, Columbus; B.S.; *Education*
- Helen Bailey Jack**, Columbus; B.S. (Ohio University); *Education*
- Magna Moriana James**, St. Petersburg, FL; B.S. (Oakwood College); *Psychology*
- Stephen Albert James**, Columbus; B.S., M.Div., Th.M. (Trinity Evangelical Divinity School); M.A.; *Political Science*
- Loraine Elizabeth Jarrett**, Columbus; B.A. (Otterbein College); *Education*
- Stewart Evan Jobrack**, Centerburg; B.A.; *Anthropology*
- Andrew Michael Johnson**, Huron; B.S. (Bowling Green State University); *Education*
- Julie Marie Jones**, Grove City; B.A.; *Education*
- Rebecca Ann Jones**, Cleveland, TN; B.S. (East Tennessee State University); *Journalism*
- Robin Lynn Kanaan**, Columbus; B.S. (Youngstown State University); *Education*
- Shin Il Kang**, Columbus; B.A. (Hankak University of Foreign Studies); *Economics*
- Melinda Cecile Kanner**, Springfield; B.A. (University of Wisconsin); *Anthropology*
- Rose Kleski Kaplan**, Gahanna; B.S.; *Mathematics*
- Kathy Lynn Kees**, Newark; B.S.; *Education*
- Gordon Bennett Keller**, Columbus; B.A.; *English*
- Betsy Louise Kempf**, Cedarville; B.S. (Ferris State College); *Education*
- Cathleen Elaine Kettler**, Bethesda, MD; B.A. (Ohio Wesleyan University); *Education*
- Mona Maria King**, Delaware; B.S. (Marshall University); *Education*
- Karen Jean Knedler**, Marysville; B.S. Ed. (Miami University); *Communication*
- Kelly Jean Koelker**, Akron; B.A.; *Political Science*
- Leslie Anne Koethe**, Lorain; B.S.; *Education*
- Mark Adam Kowalski**, Columbus; B.S.; *Political Science*
- Cynthia Jo Krajec**, Columbus; B.S. (Bowling Green State University); *Education*
- Susan Meeks Kranshuber**, Columbus; B.S., R.N. (Riverside White Cross School of Nursing); *Health, Physical Education and Recreation*
- Paula Jean Kuehn**, Lancaster; B.S.; *Education*
- Judith E. Kullkowsk**, Cahokia, IL; B.S. (Eastern Illinois University); *Geography*
- Bee-Yin Beatrice Kuo**, Kaohsiung Hsien, Taiwan, R.O.C.; B.A. (National Taiwan University); *Education*
- William James Kurelic, Jr.**, Columbus; B.S.; *Education*
- Carolyn Murphy Laughlin**, Columbus; B.S.; *Education*
- Jane Marie Lay**, Belle Center; B.S.; *Education*
- Joseph Patrick Leddy**, Bronx, NY; B.S. (Manhattan College); *Health, Physical Education and Recreation*
- Yen-Phone Rock Lee**, Taipei, Taiwan; B.A. (National Taiwan University); *Economics*
- Dale Leon Lemaster**, Galloway; B.A. (California State University at Los Angeles); *Education*
- Anne Elizabeth Leser**, Upper Sandusky; B.A. (Ohio Northern University); *Education*
- Patrick Mack Lewis**, Columbus; B.A.; *Music*
- Shoel-sheng Lin**, Taiwan, R.O.C.; B.Ed. (National Taiwan Normal University); *Education*
- Kevin Michael Linskey**, Westport, CN; B.A. (University of Delaware); *Political Science*
- Sara Ellen Loar**, Shreve; B.A.; *Education*
- Tristan L. Logan**, Westlake; B.A. (Cleveland State University); *Philosophy*
- Julie A. Lohr**, Columbus; B.S. (Miami University); *Education*
- Leslie J. Loomis**, Columbus; B.M.E.; *Music*
- Barbara Doreen Lucas**, Groveport; B.S. (Ohio University); *Education*
- Patricia Diane Lynn**, Columbus; B.A. (Kenyon College); *History*
- Edward George Malmer**, Fargo, ND; B.A. (North Dakota State University); *Journalism*
- Marilyn Dale Mangino**, Westerville; B.A. (Michigan State University); *Education*
- Jeffrey Manuel, Jr.**, Washington D.C.; B.A. (Howard University); *Education*
- Barbara Ann Marks**, Cleveland; B.S.; *Education*
- Dwayne Allen Martin**, Columbus; B.A.; *History*
- Sharon Nell Martindic**, Newark; B.S.; *Education*
- Paul Edward Matthews**, Reynoldsburg; B.M.E.; *Music*
- Deloris Yvonne McBride**, Sumter, SC; B.S. (Morris College); *Education*
- Thomas Robert McCollough**, Grove City; B.S.; *Education*
- Daniel Mark McCulley**, Champaign, IL; B.S. (University of Illinois); *Health, Physical Education and Recreation*
- Faye Goolsty McGibboney**, Columbus; B.S. (Central State University); *Education*
- Janet Elaine McGuddin**, Norwalk; B.S. (Bowling Green State University); *Mathematics*
- Cheryl Bobb McIntyre**, Reynoldsburg; B.S. (Otterbein College); *Education*
- Cynthia Ann McKinney**, Columbus; B.A. (Wittenberg University); *Education*

- Joyce Elaine McKittrick**, Marysville; B.A.; *Education*
- Vicki Christine Mealer**, Naperville, IL; B.S. (Iowa State University); *Health, Physical Education and Recreation*
- William Robert Melick**, Worthington; B.S. (Indiana University); *Economics*
- Mark Henry Meuser**, Gahanna; B.S. (Capital University); *Education*
- Kimberley Rae Miller-Smith**, Pickerington; B.S. (Miami University); *Education*
- Lynette Elaine Molnar**, Bethel Park, PA; B.F.A.; *Photography and Cinema*
- Kyle Anne Morgan**, Granville; B.A.; *Education*
- Kristine M. Mount**, Clayton; B.S.; *Education*
- Harry Lee Murphy**, Athens; B.A., M.A. (Ohio University); *Anthropology*
- Mongaring Yakubu Musa**, Kattungo, Bauchi, Nigeria; B.Ed. (University of Maiduguri Nigeria); *Education*
- Rose Lynn Nelson**, Alexandria, VA; B.A. (Bennett College); *Education*
- Cynthia Gail Noren**, Columbus; B.S.Ed. (Ashland College); *Health, Physical Education and Recreation*
- Sharilyn L. Norman**, Port Norris, NJ; B.S. (Livingstone College); *Health, Physical Education and Recreation*
- Kathleen O'Brien**, Independence; B.S. (Kent State University); *Education*
- Margaret Mary O'Keef**, Winter Park, FL; B.A. (Rollins College); *Theatre*
- Annette Marie O'Rourke**, Dublin; B.S.; *Education*
- Jodi Ann Oppenheimer**, Columbus; B.S. (Kent State University); *Education*
- Christine Marie Orhan**, Rennes, France; D.E.S.C.A.F. (Ecole Supérieure de Commerce de Nantes); *Business Administration*
- Marilyn Regina Orr**, Circleville; B.A.; *Anthropology*
- Cynthia Ann Ortmann**, Columbus; B.S.; *Education*
- Deborah June Osborne**, Sidney; B.S.; *Education*
- Hsin-Yi Ou-Yang**, Taipei, Taiwan, R.O.C.; B.A. (Fu-Jen University); M.A. (Chen-Chi University); *Sociology*
- Sharon Towler Owsley**, Orient; B.S. (University of Nebraska at Omaha); *Education*
- Edith Divers Painter**, Willard; B.S.; *Education*
- Idiko Elizabeth Pallos**, Columbus; B.A. (Auburn University); *Psychology*
- Jeffery Monroe Palm**, Circleville; B.A. (Capital University); *Philosophy*
- Chris Edward Paterson**, Marion; A.A., B.S.; *Psychology*
- Donna Jean Patton**, Pittsburgh, PA; B.A. (Duquesne University); *English*
- Janet Ann Pearl**, Grandview Hts.; B.S.S.W. (Bowling Green State University); *Journalism*
- Mary Catherine Pelini**, Youngstown; B.S., B.A. (Washington University at St. Louis); *German*
- Matthew Scott Perry**, Holdrege, NE; B.A. (Southern Illinois University); *Health, Physical Education and Recreation*
- Jennifer N. Peskind**, Cleveland; B.A. (Indiana University); *Education*
- MaryAnn Plela**, Worthington; B.S. (University of Dayton); *Education*
- Philip Piemonte**, Newark; B.A.; *Journalism*
- Peter Norman Prewett**, Columbus; B.S.S.W.; *Education*
- Romana Anna Prokophw**, Calgary, Alberta, Canada; B.A. (University of Calgary); *Anthropology*
- Alice J. Provost**, Columbus; B.S.N. (Ohio University); *Education*
- Susan Anita Purtell**, Leesburg; B.S.; *Education*
- Cathy Semeca Ray**, Butner, NC; B.A. (University of North Carolina at Charlotte); *History*
- Sheryl Don Reed**, Belle Center; B.S.; *Education*
- Lora Jane Reisdorf**, Lexington; B.S. (Southern Illinois University); *Education*
- Clifford Raymond Reiser**, Marysville; B.A. (Saint Mary of Plains College); *Health, Physical Education and Recreation*
- Susan Rose Remcheck**, Mansfield; B.S. (Bowling Green State University); *Education*
- Barbara Jeanette Rich**, Clarksville, TN; B.A. (Vanderbilt University); *Classics*
- Mark John Richards**, Deerfield, IL; B.A. (Ohio Wesleyan University); *Psychology*
- Marna Jo Riegel**, Lima; B.S. (Bowling Green State University); *Education*
- Denise Lynne Ripp**, Union City; B.S. (Wright University); *Journalism*
- Ana Cecilia Rivas**, Caracas, Distrito Federal, Venezuela; Lic. Modern Languages (Universidad Metropolitana); *Education*
- Carol Ish Roberts**, Columbus; B.S.; *Education*
- Mark Edward Roberts**, Vista, CA; B.A. (Mississippi College); *English*
- Brenda Alene Rogers**, Marion; B.S. (Rio Grande College); *Education*
- Russ Paul Rosenberg**, Columbus; B.S. (Southwest Missouri State University); *Psychology*
- Teresa Ellen Rubadue**, Columbus; B.S.; *Education*
- Ruth A. Rusk**, Worthington; B.S. (Muskingum College); *Education*
- Michael Patrick Ryan**, Massillon; B.A. (The University of Akron); *Philosophy*
- Cynthia B. Sarver**, Columbus; B.S.; *Education*
- Susan Lee Sawyers**, Roanoke, VA; B.A. (Virginia Intermont College); *Journalism*
- Gary Paul Schomburg**, Portsmouth; B.S. (Ohio University); *Education*
- Loretta Ann Schwalm**, Shaker Heights; B.A. (Miami University); *Sociology*
- Dianna Lou Schweinfurth**, LaRue; B.S.; *Education*
- Richard Steven Selvey**, Norwalk; B.S. (Findlay College); *Education*
- Linda B. Shannon**, Worthington; B.A. (Otterbein College); *Education*
- Lisa Ann Shannon**, Tiffin; B.A. (Ohio Wesleyan University); *Education*
- Dennis Corwin Shaw**, Westerville; B.S. (Greenville College); M.A. (Arizona State University); *Mathematics*
- James Steven Shaw**, Delaware; B.S. (Rio Grande College); *Education*
- Jeffrey Jay Shaw**, Bluffton; B.S.; *Education*
- Terese Anne Sheridan**, Fond Du Lac, WI; B.S. (University of Wisconsin at LaCrosse); *Health, Physical Education and Recreation*
- Susan Ann Shippe**, Columbus; B.A. (Otterbein College); *Journalism*
- Sue Ann Shively**, Columbus; B.A. (Georgetown College); *Education*
- Anthony Antonio Shorter**, Lithonia, GA; B.A. (Bethune-Cockman College); *Political Science*
- Eric Eugene Skidmore**, Akron; B.A. (Mount Union College); *Political Science*
- Mary J. Skillings**, Pickerington; B.S. (Ohio University); *Education*
- Judith W. Stone**, Mount Vernon; B.S. (Pikeville College); *Education*
- Mary Jane Smarto**, Crestline; B.S.; *Education*
- Judy Ann Smetzler**, Worthington; B.A. (Ohio Dominican College); *Education*
- Aldiko Smith**, Lancaster; B.A. (Ohio University); *East Asian Languages and Literatures*
- Barbara Anne Smith**, Dublin; B.S.; *Education*
- Paula Josephine Smith**, West Lafayette, IN; B.S. (Ohio University); *Education*
- Phillip Charles Smith**, Hamilton; B.A. (Auburn University); M.B.A. (Youngstown University); *Business Administration*
- Arden Ray Sommers**, Kent; B.S. (Kent State University); *Education*
- Fiona Helen Mary Stark**, Fayetteville, NY; B.S. (Ithaca College); *Health, Physical Education and Recreation*
- David Wayne Stetzer**, Columbus; B.S.; *Public Administration*
- Martine Luise Stephens**, Washington, PA; B.A. (Washington and Jefferson College); *English*
- Robert Earl Stewart**, St. Clairsville; B.S.; *Health, Physical Education and Recreation*
- Gary Evan Stull**, Waynesboro, PA; B.S.; *Education*
- Susan Elizabeth Sullivan**, Pittsburgh, PA; B.S. (Indiana University of Pennsylvania); *Education*

Patricia Carol Reidenbach Sapon, Crestline; B.S.; *Education*

Christine V. Sutton, Atlanta, GA; B.A. (Clark College); *Education*

David Anthony Svet, Columbus; B.S. (University of Cincinnati); *Industrial Design*

John Broomhall Swartz, Zanesville; B.S. (U.S. Military Academy); M.B.A., M.P.A. (Golden Gate University); *Accounting*

Mary Margaret Sweeney, Dubuque, IA; B.A. (University of Iowa); *Dance*

Colin M. Takroft, Dayton; B.A.; *East Asian Languages and Literatures*

Catherine Lynne Tebay, Worthington; B.A.; *Education*

Dennis Harold Thompson, Columbus; B.A. (Warren Wilson College); M.A.; *Journalism*

Sherrie Lee Thompson, Mt. Vernon; B.S. (Grove City College); *Education*

James LaMonte Tinney, Fremont, MI; B.A. (Michigan State University); *Journalism*

Shelley Reed Trim, Columbus; B.A. (Ohio Dominican College); *Black Studies*

Carol Alayne Trombley, Saratoga Springs, NY; B.M. (Ithaca College); *Music*

Angela Ying-Tz Tsal, Taiwan, R.O.C.; B.S. (National Taiwan University); *Education*

Mary Martha Turner, Reynoldsburg; B.A. (Capital University); *Education*

Ralph Joseph Turner, Columbus; B.A. (University of Texas at San Antonio); *Psychology*

Gregory Ray VanHorn, Columbus; B.S.; *Education*

James Otis Vaughan, Lancaster; B.S. (Ohio University); *Education*

Peggy Yvonne Veasey, Norwood, GA; B.S. (Fort Valley State College); *Education*

Susan Rae Visser, Columbus; B.A. (Marietta College); *History of Art*

Charles Bernard Vonder Embse, Jr., Mt. Gilead; B.S.; *Mathematics*

Cheryl Linett Vombrock, Gahanna; B.S. (Miami University); *Education*

Eleanor Ann Wagner, Hamilton, B.A. (Edgewood College); *Education*

Beverly Kay Walker, Lancaster; B.S. (Ohio University); *Education*

Stephen William Walsh, Houma, LA; B.S. (Louisiana State University); *Health, Physical Education and Recreation*

Cathy Lynn Walter, Zanesville; B.A. (Muskingum College); *Education*

Howard Gene Ward, Upper Sandusky; B.S.; *Education*

Eric Dale Watkins, Hilliard; B.S.; *Education*

Beverly Lynn Weathers, Shreveport, LA; B.A. (Dillard University); *Education*

Ronald Joseph Wheeler, Columbus; B.A. (Muskingum College); *Education*

Danise M. White, Reynoldsburg; B.S.; *Education*

Debra Lee White, Worthington; B.S.; *Mathematics*

Frederick C. Whiteman, Columbus; B.S.; *Education*

Julie Ann Wick, Mt. Gilead; B.A. (Ohio Northern University); *Education*

Cynthia Elaine Williams, Greenville, NC; B.S. (Winston-Salem State University); *Education*

Jeanette Williams, Edgewood, MD; B.S. (Bowie State College); *Education*

Paula Serian Wilson, Canfield; B.S.; *Education*

Annette Womack, Halifax, VA; B.S.Ed. (Saint Paul's College); *Education*

Richard Dennis Woodman, Avon Lake; B.S.; *Health, Physical Education and Recreation*

Jill Elaine Woods, Belle Center; B.S.; *Education*

Joy Renee Wormley, Washington, DC; B.A. (Livingstone College); *Education*

Carlene Lynn Wymer, Hartsville; B.S. (Muskingum College); *Education*

Lysbeth Jane Young, Mansfield; B.A.; *Education*

Master of Business Administration

Carol Voelker Bergmann, Scottsdale, AZ; B.S. (Denison University); *Business Administration*

Marianne Brogan, Columbus; A.B. (Immaculata College); M.S., Ph.D. (Georgetown University); *Business Administration*

Michael Ray Hesenauer, Columbus; B.A., M.A. (Bowling Green University); *Business Administration*

Jeffrey Allen Kruszewski, Holland; B.S.; *Business Administration*

Lin Linda Lee, Taipei, Taiwan, R.O.C.; B.B.A. (National Taiwan University); *Business Administration*

Audrey Ann Williams, Youngstown, B.S.; *Business Administration*

Shawn Michael Wynne, Worthington; B.B.A. (Kent State University); *Business Administration*

Master of City and Regional Planning

Roxyanne Cartier Burns, Reynoldsburg; B.A. (University of California, Los Angeles); *City and Regional Planning*

Shan-Chy Chueh, Taipei, Taiwan, R.O.C.; B.S. (Cheng-Kung University); *City and Regional Planning*

Thanaa Mohamed K. Khouloussi, Beirut, Beirut, Lebanon; B.A.; *City and Regional Planning*

Young Wahn Lee, Seoul, Korea; B.A. (Ewha Women's University); *City and Regional Planning*

Sharon Ann Springer, Gulfport, MS; B.S. (University of South Alabama); *City and Regional Planning*

John Kenney Trenner, Springfield; B.A.; *City and Regional Planning*

David Clark Wagman, Columbus; B.A. (University of Cincinnati); *City and Regional Planning*

Nancy Dillingham Waite, Worthington; B.S. (Emporia State University); *City and Regional Planning*

Chungchi Yang, Tainan, Taiwan, R.O.C.; B.S. (Cheng Kung University); *City and Regional Planning*

Master of Fine Arts

Melinda Kay Cola, Columbus; B.A.E.; *Art*

Patricia Louise Cosgrove, Kansas City, MO; B.S. (Southwest Missouri State University); *Theatre*

Kristy J. Deetz, Dover; B.F.A. (Bowling Green State University); *Art*

Kathleen A. Kopp, Columbus; B.F.A.; *Art*

Monique Almee Luchetti, Connecticut; B.F.A. (Virginia Commonwealth University); *Art*

Dale Curtis Newkirk, Anderson, IN; B.F.A. (Herron School of Art); *Art*

Richard Neil Tonikel, Glen Rock, NJ; B.F.A. (School of Visual Arts, New York City); *Art*

Master of Labor and Human Resources

Susan E. Allen, Columbus; B.A.; *Labor and Human Resources*

Gladys Torres Oyaga, Valencia, Carabobo, Venezuela; Lic. (University of Carabobo); *Labor and Human Resources*

Douglas Alan Sayed, Columbus; B.S.S.W.; *Labor and Human Resources*

Master of Landscape Architecture

John Anthony Eyeman, Columbus; B.S.; *Landscape Architecture*

Mordechai Ilan, Columbus; B.S., M.A.; *Landscape Architecture*

Craig Scott Johnson, Vandalia; B.S.; *Landscape Architecture*

Zarif Homi Kallianvala, Sant Savta Marg, Bombay, India; Diploma Arch. (School of Architecture, Ahmedabad, India); *Landscape Architecture*

Hyun-Young Nah, Shindang-dong Jung-go, Seoul, Korea; B.F.A. [Seoul National University]; *Landscape Architecture*

Master of Liberal Studies

Mike R Follin, Chesterville; B.A. [Capital University]; *Humanities*

Master of Music

Cary Dachtyl, Parma Ht.; B.M.E., B.S. [Baldwin-Wallace College]; *Music*

Edwin Keith Grace, Toledo; B.M. [Central State University]; *Music*

Laura Melissa Handler, Salem, OR; B.M. [University of Oregon]; *Music*

Master of Public Administration

Michael Joseph Reardon, Youngstown; B.S.S.W.; *Public Administration*

Sandra Hohenbrink Roth, Columbus; B.S.S.W., M.S.S.W.; *Public Administration*

Ronald S. Williams II, Barberton; B.A. [Bowling Green State University]; *Public Administration*

Master of Science

Farzan Abdolsalami, Mashad, Khorasan, Iran; B.S. [University of Oklahoma]; *Electrical Engineering*

Harun Bin Abdul-Ghani, Serdang, Kedah, Malaysia; B.S. [Iowa State University]; *Agricultural Economics and Rural Sociology*

Younes Yousef Abou-Ghalyun, Zerka, Jordan; B.S. [Yamouk University]; *Zoology*

Levent Acar, Istanbul, Turkey; B.S. [Bogazici University, Istanbul]; *Electrical Engineering*

Mahmood Hassan Al-Anli, Baghdad, Iraq; Dipl. [Baghdad University]; M.A.T. [Indiana University]; *Geodetic Science and Surveying*

Amir Hossein Azimi, Tehran, Iran; B.S. [Purdue University]; *Agricultural Engineering*

Gregory Bachman, Akron; B.S. [University of Notre Dame]; *Civil Engineering*

Emmanouil Panayiotou Baltavias, Athens, Greece; B.S. [National Technical University]; *Geodetic Science and Surveying*

Thomas Anthony Bamford, Columbus; B.S. [Rensselaer Polytechnic Institute]; *Metallurgical Engineering*

Philip Murray Barger, Delaware; B.S.; *Zoology*

Melinda Sue Bennett, Norton; B.S.; *Preventive Medicine*

Teresa Lynn Bernard, Miamisburg; B.S.; *Home Economics*

Faiza Salem Besbasl, Tripoli, Libya; B.S. [El-Fateh University]; *Veterinary Physiology and Pharmacology*

Nell Thomas Bowers, Akron, B.A.; *Agricultural Education*

Kathie K. Britzndine, Huntington, WV; B.S.N. [Marshall University]; *Nursing*

Kenneth Arthur Broberg, Columbus; B.S.; *Geology and Mineralogy*

Klaus Buchenrieder, Rimerling, West Germany; Fachhochschulreife, Dipl. [Fachhochschule Muenchen]; *Computer and Information Science*

Donald E. Bucher, Circleville; B.S.; *Agricultural Education*

Cheryl Lynn Caplinger, Hillsboro; B.S.; *Agricultural Education*

Janis Hays Carse, Harrod; B.S.N.; *Nursing*

Amit Chatterjee, New Delhi, Delhi, India; B.Tech. [Indian Institute of Technology, Kanpur]; *Metallurgical Engineering*

Weldong Chen, Wooster; B.S. [Huazhong Agricultural College]; *Plant Pathology*

Wen-Yin Chen, Taipei, Taiwan, R.O.C.; B.S. [National Taiwan University]; *Allied Medical Professions*

Mark Hume Chignell, Melbourne, Victoria, Australia; B.Sc., Ph.D. [University of Canterbury]; *Industrial and Systems Engineering*

Nancy Ellen Childress, Columbus; B.S.,B.S.; *Mathematics*

Tien-Lo Carol Chou, Taipei, Taiwan, R.O.C.; B.S., M.S. [Texas Tech University]; *Welding Engineering*

John David Chovan, North Olmsted; B.S.A.R., B.S.E.E.; *Bio-Medical Engineering*

Jay Spencer Cohen, Philadelphia, PA; B.A. [University of Pennsylvania]; M.Ed. [Temple University]; D.M.D. [University of Pennsylvania]; *Dentistry*

Samuel George Custer, Rossburg; B.S.; *Agricultural Education*

James Thayer Dallam, Baton Rouge, LA; B.S. [Georgia Institute of Technology]; *Mechanical Engineering*

Stanley D. Dannemiller, Cincinnati; B.S.; *Zoology*

Katherine Ann Davidson, Boardman; B.S.; *Environmental Biology*

Mark Jay Davies, Harrison; B.S.; *Natural Resources*

Mark Wesley Davis, Columbus; B.S.; *Mechanical Engineering*

David N. Denig-Chalkroff, Worthington; B.A. [Hanover College]; *Natural Resources*

John William Devitt, Commack, NY; B.S. [State University of New York at Stonybrook]; *Physics*

David Lee Dornbos, Jr., Grand Rapids, MI; B.S. [Calvin College]; *Agronomy*

Lee James Dreven, Pittsburgh, PA; B.S. [Grove City College]; D.M.D. [University of Pittsburgh]; *Dentistry*

Lynne Antoinette Eaton, Columbus; B.S. [Bowling Green]; *Preventive Medicine*

Peter Holmes Edwards, Jr., Columbus; B.S.; *Preventive Medicine*

Amira Y. El-Bastawssi, Alexandria, Egypt; M.B.Ch.B. [University of Alexandria, Egypt]; *Pathology*

Casey Cook Elliot, London; B.S.; *Agricultural Engineering*

Derek Gibbs Ellis, Fort Worth, TX; D.D.S. [Baylor College of Dentistry]; *Dentistry*

Kamyar Enshayan-L, Babol, Iran; B.S.; *Agricultural Engineering*

Bertin Evlma-Ze, Sangmelima, Cameroon; B.S.; *Geodetic Science and Surveying*

Kamal Fareed, Hyderabad, Andhra Pradesh, India; B.S. [Government Dental College, University of Bombay]; *Dentistry*

Donald Lee Fields, Jr., Rochester, N.Y.; B.A. [Ohio Wesleyan University]; *Chemistry*

Nancy Marie Flowers, Newark; B.S.; *Horticulture*

Dale Allen Fritsch, Cincinnati; B.S.; *Food Science and Nutrition*

Diane Pavlik Gallagher, Groveport; B.S.N. [Capital University]; *Nursing*

Bo-Cal Gao, Jiangsu Province, P.R. China; B.S. [Nankai University]; *Physics*

Ramon A. Garcia, Dominican Republic; B.S. [Universidad Catolica Madre y Maestra]; *Agricultural Economics*

Richard K. Gast, Columbus; B.A.; *Poultry Science*

James Edward Getgey, Fredericksburg; B.Sc.; *Geology and Mineralogy*

Homa Ghaemi, Tehran, Iran; B.S.; *Civil Engineering*

Martin Frederick Giel, Lorain; B.S.; *Electrical Engineering*

Jose F. Gorostiza-Larragutbel, Mexico City, Mexico; D.V.M. [Universidad Nacional Autonoma De Mexico]; *Veterinary Anatomy*

Zhong Jiu Guo, Columbus; B.S. [Dalian Institute of Technology]; *Electrical Engineering*

Mohamed Saad-Aly Hanafy, Cairo, Egypt; B.Sc., M.Sc. [Ain Shams University]; *Geodetic Science and Surveying*

Shangyou Hao, Wahan, Hubi, China; B.S. [Wahan Institute of Hyudraulic and Electrical Engineering, China]; *Electrical Engineering*

Lisa Marie Hartkopf, Sylvania; B.S.N. [University of Toledo]; *Nursing*

David Joseph Heedy, Moundsville, WV; B.S. [West Virginia University]; *Electrical Engineering*

Allan Heff, Columbus; B.A. [Cornell University]; *Physics*

- Teresa Marie Hellman**, Kenton; B.S.; *Natural Resources*
- Joel Thomas Heinen**, Hamburg, NY; B.S. (University of Michigan); M.S. (Virginia Tech); *Zoology*
- Fabiola M. Heintz-Blanco**, Barranquilla, Columbia; B.S. (Pontificia Universidad Javeriana); *Preventive Medicine*
- Shirley Margaret Hewitt**, Olmstedville, NY; B.S. (Cornell University); *Home Economics*
- Joseph Scott Hildebrand**, Columbus; B.S., B.S.I.E. (Bradley University); *Industrial and Systems Engineering*
- Jeffrey Charles Holaday**, Canfield; B.S.; *Physics*
- Chia Hwei Debby Hsu**, Taipei, Taiwan; B.S. (Fu Jen University); *Food Science and Nutrition*
- Abdul Hameed M. Hussain**, Kuwait; B.Sc. (Kuwait University); *Statistics*
- Rohinton Behram Irani**, Columbus; B.E. (N.E.D. University of Engineering and Technology); *Electrical Engineering*
- Venikata Subramanian Iyer**, Bombay, India; B.Tech. (Indian Institute of Technology, Madras); *Metallurgical Engineering*
- Steven Morten Jensen**, Worthington; B.S. (University of Cincinnati); *Physics*
- Sarah Ceseiski Johnson**, Columbus B.A. (Earlham College); *Microbiology*
- John Paul Johnston**, Youngstown; B.E. (Youngstown State); *Electrical Engineering*
- Shang-Juh Kao**, Taiwan, Taiwan; B.S. (National Chengchi University); *Mathematics*
- David Scott Karabinus**, Canfield; B.S.; *Animal Science*
- Janet Richardson Katz**, Columbus; B.A. (Kenyon College); *Chemistry*
- Richard William Kautz**, Bryan; B.S.; *Electrical Engineering*
- Ronald James Kerans**, Enon; B.S., M.S. (Wright State University); *Metallurgical Engineering*
- Mi Sook Kim**, Seoul, Korea; B.S. (Kyung Hee University); *Home Economics*
- David Michael Kindel**, Barberton; B.S.; *Metallurgical Engineering*
- Jeffrey Edward King**, Hanoverton; B.S.; *Agricultural Education*
- Nelson Emilio Kingsley**, Columbus; B.S. (University Autonoma de Santo Domingo); *Dairy Science*
- Nina Kaye Kowalczyk**, Dublin; B.S.; *Allied Medical Professions*
- Praakash Krishnan**, Madras, India; B.E. (University of Madras, India); *Industrial and Systems Engineering*
- Peter King Kurtu-Mensah**, Shama, Ghana; B.Sc. (University of Science & Technology, Ghana); *Geodetic Science and Surveying*
- Diana Lynn Kupchella**, Cleveland; B.S.N. (St. John College of Cleveland); M.Ed. (University of Oklahoma); *Nursing*
- P. S. Lalitha**, Madras, Tamil Nadu, India; B.E. (University of Madras); *Industrial and Systems Engineering*
- Charles Scott Langford**, Ironton; B.S. (Marshall University); *Geology and Mineralogy*
- Bing-Yuan Lao**, Guangzhou, Guangdong, China P.R.; B.S. (Zhongshan University); *Mathematics*
- Glenn Erik Larsen**, Columbus; B.S. (Western Illinois University); *Geology and Mineralogy*
- Chi-sum Ivan Lee**, B.S., M.S. (University of Missouri); *Engineering Mechanics*
- Karen Elizabeth Leonard**, Des Moines, IA; B.A. (Simpson College); *Chemistry*
- Alejandro Luyva Ramos**, San Luis Potosi, Mexico; B.S. (University of San Luis Potosi, Mexico); *Industrial and Systems Engineering*
- Yeecheth Liao**, Taipei, Taiwan, R.O.C.; B.S. (Ming-Chi Institute of Technology); *Mechanical Engineering*
- Muh-Ren Lin**, Taipei, Taiwan, R.O.C.; B.S. (National Tsing-Hua University); *Metallurgical Engineering*
- Karen Ruth Lowry**, West Chester; B.S.; *Animal Science*
- Debra Sue Loy**, Lancaster; B.S.; *Agricultural Education*
- Wen Yu Lu**, Shanghai, China; B.S. (Fudan University in China); *Mathematics*
- Denise Deschenes Lustick**, Laconia, NH; B.A. (University of New Hampshire); M.S.; *Preventive Medicine*
- Susan C. Manifold**, Reynoldsburg; B.S.; *Home Economics*
- Teerachon Manomaphibul**, Bangkok, Thailand; B.S. (Chulalongkorn University); *Civil Engineering*
- Barbara S. Masulovich**, Findlay; B.S. (Miami University); *Home Economics*
- Janet Kingsbury Matulis**, Washington, NJ; B.S. (University of Connecticut); *Agricultural Education*
- Richard John Matulis**, Columbus; B.S. (University of Connecticut); *Animal Science*
- Brenda Joan McKown**, Columbus; B.S.; *Veterinary Pathobiology*
- Paula Ann McMurray**, Columbus; *Home Economics*
- George Walter Miller**, Pensacola, FL; B.S. (Auburn University); *Chemical Engineering*
- Befroze Shilavus Mizry**, Bombay, Maharashtra, India B.Sc. (Institute of Science); B.Sc. (University Department of Chemical Technology); *Food Science and Nutrition*
- Georgia Ann Moffatt**, Columbus; B.S.N. (Hampton Institute); *Nursing*
- T. Anil Mozhi**, Coimbatore, Tamil Nadu, India; B.Tech. (Indian Institute of Technology, Kanpur); *Metallurgical Engineering*
- Shin Murakami**, Abiko, Chiba, Japan; B.S. (Hokkaido University); *Agricultural Engineering*
- Robert Jay Murtaugh**, Columbus; B.S., D.V.M. (University of Minnesota); *Veterinary Clinical Sciences*
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- Scott Raymond Northrup**, Lexington; B.S. (Heidelberg College); *Chemical Engineering*
- Mohammad Mehrdad Nouroozian**, Tehran, Iran; B.S. (University of Nebraska at Lincoln); *Electrical Engineering*
- John Adeoye Okubokun**, Iyin-Ekiti, Ondo, Nigeria; B.Sc. (University of Ife); *Animal Science*
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- Pamela Sue Polster**, Toledo; B.S.; *Agricultural Education*
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- Kasturiranga Raghunathan**, Sriangam, Tamilnadu, India; B.A. (Indian Institute of Technology); Dipl. (Survey Training Institute); *Geodetic Science and Surveying*
- Leanne Marie Rahe-Montgomery**, Columbus; B.S.; *Home Economics*
- Guillermo A. Duv Ravelo**, Santo Domingo, Dominican Republic; D.V.M. (Santo Domingo University Dominican Republic); *Animal Science*
- Robin John Reash**, Westlake; B.A. (Wittenberg University); *Environmental Biology*
- Patrick Leo Roddy**, Galena; B.A.; *Biochemistry*
- Mitchell Gregg Roe**, Columbus; B.Sc.; *Physics*
- Thierry Rouiller**, Clamart, France; Ecole superieure d'ingenieurs en Electro-Technique et electronique de Paris; *Electrical Engineering*
- David John Rowan**, Parma; B.S.; *Geology and Mineralogy*
- Bimal Chandra Roy**, Dumaria, Bihar, India; Intermediate of Science (Bihar University); B.Sc. (Bhagalpur University); *Geodetic Science and Surveying*
- Sutanu Sarkar**, Bombay, India; B.S. (Indian Institute of Technology); *Mechanical Engineering*
- Loayy Sawaf**, Damascus, Syria; B.S. (Ohio University); *Industrial and Systems Engineering*
- Kripa Chandra Saxena**, Kanpur, U.P., India; B.Sc. (Alahabad University, India); M.Sc. (Agra University, India); Ph.D. (Garhwal University, India); *Geodetic Science and Surveying*

- Edward Neal Schiebel**, Cincinnati; B.A., B.S.; *Mechanical Engineering*
- John Richard Schleder**, Columbus; B.A. (Miami University); D.D.S.; *Dentistry*
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- Joel Dee Scott**, Winston-Salem, NC; B.S. (North Carolina State University); *Natural Resources*
- Vicky Lee Seabold**, Wapakoneta; B.S.N.; *Nursing*
- Al Chu Seah**, Jalan Lembah, Singapore, Republic of Singapore; B.Sc., M.Sc. (University of London); *Statistics*
- Purnima Sharma**, India; B.Sc. (Government College for Women); M.Sc., M.Phil. (Kurukshetra University); *Physics*
- Gary Eugene Short**, Archbold; B.S.; *Agricultural Education*
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- Donald Alan Skot**, York, PA; B.S. (Pennsylvania State University); *Animal Science*
- Constance Maxfield Smith**, Columbus; B.S. (Cornell University); *Zoology*
- Douglas Frank Smith**, Columbus; B.S.; *Pharmacy*
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- Julie Ellen Snider**, Columbus; B.M.; *Natural Resources*
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- Beth Ann Stevenson**, Columbus; B.S.N.; *Nursing*
- Valerie Jeanne Stewart**, Huntington, WV; B.S. (Marshall University); *Microbiology*
- Chang Mo Sung**, Seoul, Korea; B.A., M.S. (Seoul National University); *Metallurgical Engineering*
- Jeffery Cameron Swift**, San Diego, CA; B.A. (University of California at San Diego); *Zoology*
- Zoltan Szabo**, Columbus; B.S.; *Geology and Mineralogy*
- Wilson Anthony Taylor**, Indiana, PA; B.S. (Indiana University of Pennsylvania); *Botany*
- Cecilia Babette Thompson**, Asheville, NC; B.S. (University of Alabama); *Home Economics*
- Melody Thompson**, Fort Thomas, KY; B.S. (University of Kentucky); Cert. (University of Iowa Hospital and Clinic); *Allied Medical Professions*
- Joel Preston Tilley**, Columbus; B.S.; *Natural Resources*
- Steve Titko III**, Marysville; B.S.; *Agronomy*
- Huei-Min Tsal**, Taipei, Taiwan, R.O.C.; B.Sc. (National Taiwan Normal University); *Natural Resources*
- Song-yeu Tsal**, Taipei, Taiwan, R.O.C.; B.S. (Tamkang University); M.S. (Tsing Hua University); *Metallurgical Engineering*
- Luca Seraphim Tsaoussi**, Athens, Greece; Diploma (National Technical University, Athens, Greece); *Geodetic Science and Surveying*
- Peng-Hsiu Tseng**, Taipei, Taiwan, R.O.C.; B.E. (Chung-Yuan Christian University); *Civil Engineering*
- Stanley Akira Uchida**, Wapato, WA; B.S. (Washington State University); *Agricultural Economics and Rural Sociology*
- Daniel Lee Uher**, Coshocton; B.S.; *Animal Science*
- Daniel Ramon Ulloa-Izaza**, Panama, Panama, Republic of Panama; B.S. (University of Panama); *Civil Engineering*
- Anne Vachon**, Montreal Canada; D.V.M. (University of Montreal); *Veterinary Clinical Sciences*
- Myriam C. Velez Gomez**, Manizales, Columbia; B.A. (Universidad Pontificia), M.A. (West Virginia University); *Home Economics*
- Timothy R. Vicario**, Columbus; B.S.N. (Ohio Wesleyan University); B.S. (University of Arizona); *Nursing*
- Robert Anton Walch**, Mt. Pleasant, PA; B.S. (Florida Institute of Technology); M.A. (Indiana University of Pennsylvania); *Physics*
- Judith S. Waldman**, Girard; B.S.; *Home Economics*
- Robert Howard Walters, Jr.**, Munroe Falls; B.A. (Hiram College); *Industrial and Systems Engineering*
- Shu-Chin Wang**, Taiwan, R.O.C.; B.S. (National Taiwan University); M.A.; *Computer and Information Science*
- Wei-Hua Wang**, Taipei, Taiwan, R.O.C.; B.S. (Tunghai University, Taiwan); *Industrial and Systems Engineering*
- Xue-Min Wang**, Huanggang, Hubei, P.R. China; B.Sc. (Huazhong Agricultural College); *Genetics*
- Frank H. Welker**, Victoria, TX; B.S. (Texas A&M); *Veterinary Clinical Sciences*
- Shou-Jen Wey**, Tainan, Taiwan; B.S. (Cheng-Kung University); M.S. (Tsing-Hua University); *Mathematics*
- Donna Jean White**, Findlay; B.S.N.; *Nursing*
- Timothy Alan Whiteman**, Winterville; B.S. (Muskingum College); *Chemical Engineering*
- Mark Thomas Winters**, Terre Haute, IN; B.S.M.E.; *Mechanical Engineering*
- Leonore C. Witchey**, Shelby; B.S.; *Chemical Engineering*
- Paul David Woosley**, Columbus; B.A. (Capital University); *Chemical Engineering*
- Dar-Wei Terence Wu**, Taipei, Taiwan, R.O.C.; B.S. (National Taiwan University); *Physics*
- Po-Yen Wu**, Taipei, Taiwan, R.O.C.; B.S. (Taiwan National Tsing-Hua University); *Industrial and Systems Engineering*
- Jeffrey Harold Yanof**, Akron; B.S.; *Bio-Medical Engineering*
- Hanfeng Zhang**, Wuhan, Hubei, P.R. China; Dipl. (Wuhan Medical College); *Physiological Chemistry*
- Yang Zhao**, Hangzhou, Zhejiang, China; B.S. (Zhejiang University, China); *Electrical Engineering*

Master of Social Work

Pamela S. Walker, Columbus; B.F.A.; *Social Work*

Colleges of the Arts and Sciences

Chairman, Coordinating Council of Deans:
Andrew J. Broekema

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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: Andrew J. Broekema

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Kelly Ann Chapman, Columbus
Brian Stephen Corzilius, Columbus
John A. Huettner, Shaker Heights
Kent Nicholson Lowry, Scarsdale, NY
Maria Anne Veitre, Columbus
A. Keith Weiner, Laurel, MD
Roger Allan Wilcox, Springdale

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Patricia Lynne Beavers, Kettering
Patricia Ann Briggs, Columbus
Eric David Brown, Kent
Jamie Ellen Comer, Kettering
Karen Marie Donnelly, Columbus
Katherine Mosteller Gamble, Ft. Washington, MD
Martin L. Hawk, Deerfield Beach, FL
Jeanne Adele Jaros, Heath
Leah Francesca Lococo, Columbus
Gwen Ann Schmieder, Columbus
Thomas Steele Shelly, Bloomington, IN
Julian R. Thorn, Steubenville

Bachelor of Music

Mark Alan Flugge, Columbus
Michael Alan Stout, Beavercreek
Daniel William Thress, Columbus

Bachelor of Art Education¹

Elizabeth Ellen Breymaier, Granville

¹ Offered by the College of the Arts

² Offered by the College of the Arts and the College of Education

Bachelor of Art Education²

Marc Terry Alter, Columbus
D. L. Farrone-Summanen, Columbus
Cheryl Ann Plunkett, Youngstown

Bachelor of Music Education²

Cathy Elaine Boos, Norwalk
Janice Louise Goodwin, Wakeman
Magdalene Hope McElroy, Columbus
David Edward McEvoy, Reynoldsburg
Robert Mark Rucker, Columbus

Bachelor of Science in Industrial Design

Mary Lee Blank, Columbus
Cynthia Diane Busic-Snyder, Groveport
Patricia M. Carleton, Columbus
Michael J. DeGrosso, Jr, Bethlehem, PA
Renée Ann DeVictor, Columbus
Stephen James Jados, Baltimore, MD
Marta Josefina Monserrate Sanchez, Rio Piedras, PR
Brian Jeffrey Shafley, Columbus
Kenneth Douglas Wood, Shaker Heights

College of Biological Sciences

Dean: Patrick R. Dugan

Bachelor of Arts

Celeste Jane Bavaria, Cincinnati

Bachelor of Science

Alice Marie Bacak, LaCerne
Martin Louree Bailey, Canton
Christopher James Bowman, Columbus
John Hammond Boxill, Columbus
Barbara Maye Brooks, Cincinnati
Kelly Reed Clark, Columbus
Stephen Kenneth Cramer, Columbus
Lisa Ann D'Agostino, Canfield
Nancy Jean DeBord, Hamilton
Donald Lee Desender, Jr., Coshocton
Samar Hanna El-Khoury, Tripoli, Lebanon
David Richard Ginn, Washington Court House
Sally Anita Lee, Cincinnati
Janice Kay Miller, Middletown
Nanette Louise Riggs, Kirtland
Tina Elizabeth Schiely, North Olmstead
Ingrid Helena Sepper, Fairview Park
Eric R. Shinsato, Cincinnati
Eric Michael Tallan, Dayton
John A. Turnstall, Akron
Steven Michael Walters, Saddle River
Donna Mae Wanucha, Wausau, WI
Jonathan David Zamora, Zanesville

College of Humanities

Dean: G. Michele Riley

Bachelor of Arts

Cynthia Baglana, Poland
Brian John Barhorst, Fort Loramie
Diana Sue Bonesteel, Ashland
Charles Willis Britton, Jr., Pismo Beach, CA
Eric David Brown, Kent
Philip Wayne Brunton, Reynoldsburg
Tracy Marie Callahan, Trenton
Angela Lee Chaffin, Grove City
David L. Courtright, Columbus
Guy Francis Demers, Upper Arlington
Grant Lee Douglass, Worthington
David L. Durr, Mansfield
Karen Fitz Durst, North Canton
Andrea Mariko Evanko, Canton
Joey Lynne Ferrar, Worthington
Gwendolyn Lee Gorley, Ulica
Richard Jeffery Griss, Middletown
Rebecca Joan Hill, Cincinnati
Tamara Lynn Hopper, Pleasantville
Lois E. Julander, Columbus
Jeffrey W. Keever, Columbus
Deborah Elizabeth Layne, Columbia Station
Lawrence Paul Levandowski, Eddystone, PA
Linda M. Marini, Steubenville
Rochelle Yvette Martin, Cincinnati
Jonathan Kevin Mooers, Columbus
Laura Louise Orndorff, Kent
Nancy Kay Paxson, Wauseon
Jui Ling Chinque Roark, Worthington
Michael Anthony Rodgers, Bronx, NY
Jennie Roland, Columbus
Letty Lynn Smith, Madison
R. Bala Varadarajan, Columbus
Susan Anne Weaver, Columbus
Deborah Anne Weir, Columbus

College of Mathematical and Physical Sciences

Dean: Colin B.B. Bull

Bachelor of Arts

Joel David Gordon, South Euclid
Steve Allen Hulet, Newark
Richard Alan Murphy, Columbus
Susan Lynn Park, Deerfield, IL
Susan M. Pfahler, North Olmsted
Dexter Franklin Sundeman, Newport
Martin Wayne Witt, Delaware
Kevin Robert Wirtz, Cleveland

Bachelor of Science

Zainon A-Wahid, Johore Bahru
Linda Marie Basham, Medina
Douglas Paul Brozovic, San Diego, CA

Stella Burkat, Columbus
 Paul Gregory Camp, Hicksville
 Ngan-Ha Do, Saigon, S. Vietnam
 Robert Patrick Driscoll, Columbus
 Valentina Dubitskaya, Columbus
 John T. Guda, Upper Arlington
 Armilla Kay Henderson, Youngstown
 Ronald Allan Hirn, Delphos
 David Leroy Jones, Lancaster
 Thomas R. Jordan, Columbus
 Annie Pui-Yu Leung, Columbus
 Michael David Mercurio, Stow
 Carolyn Miller, Middleburg
 Kerrie Elise Neet, University Heights
 Sara Lee Pachuta, Reynoldsburg
 Ralph Irwin Pence, Columbus
 Lois Dee Ptaszek, Columbus
 Michael Stanton Raimonde, Martins Ferry
 Joseph M. Randolph, Greenville
 Thomas Marion Rhodes, Clinton, MD
 Karen K. Rose, Columbus
 Karen Marie Schroeder, Columbus Grove
 Rodney Allen Sheets, Coshocton
 Kelly G. Smith, Ashley
 Michael W. St. Clair, West Jefferson
 Richard Lee White, Winnemucca, NV
 David F. Wittoesch, Kettering

College of Social and Behavioral Sciences

Dean: Joan Huber

Bachelor of Arts

Carol Hyman Albright, Newark
 Beth Blaine Ankney, Bexley
 Scott Allen Arnold, Mansfield
 Ida Corrine Assaf, Yellow Springs
 Christopher Joseph Baker, Mansfield
 Eve Louise Baron, Marion
 William Keith Beall, St. Clairsville
 Gary Melvin Benkert, Cincinnati
 Alyson Jae Berger, Aurora
 Lisa Beskin, Louisville, KY
 Sandra Sue Birdsong, Vicksburg, MS
 Robert Eugene Blackham, Vermilion
 Mark A. Blumenthal, Lyndhurst
 Maria Christina Bolter, Springfield
 Linda LeAnn Bowen, Mount Gilead
 Kathleen L. Brennan, Akron
 Eva Maria Bridget, Alexandria, VA
 Connie J. Brod, Gahanna
 Carla Beth Brouman, Richmond Height
 Karen Jeanine Brown, Toledo
 John A. Brush, Columbus
 Eric R. Bury, Hudson
 Daniel Robert Cannell, Upper Arlington
 Thomas Michael Carmody, Columbus
 Ruth Elizabeth Richardson Cehelnik, Marion
 Michael Alan Cogan, Berea
 Alicia Renee Cole, Lorain
 Christopher D. Coles, Columbus
 Martha Ann Cornwell, Columbus
 Crystal Davis Courtney, Cleveland
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Paul Alan Delphia, Columbus
 John Eric Digby, Tiffin
 David Irvin Dillon, Jr., Reynoldsburg
 Steven Michael Duquette, Avonlake
 Deborah R. Eggleston, Bexley
 Alan Dean Endicott, Marion
 Steven J. Erlsten, Jr., Galion
 Genevieve R. Ezzo, Canastota, NY
 Anna Marie Ferriman, Sabina
 Esther Feuerwerker, S. Euclid
 Richard Lee Fishman, Columbus
 Timothy Martin Gallagher, W. Bloomfield, MI
 Mary Kathryn Galvin, Cleveland
 David Miles Gampfer, Worthington *
 Gail Therese Gavula, Seven Hills
 Mark Rosario Gibaldi, Valley City
 Thomas E. Gilbertsen, Upper Sandusky
 Robert William Glaser, Fairborn
 Blake Jeffrey Greenstein, Newark
 Robert Lewis Greer, Salem, WV
 Robin Renee Grimsley, Columbus
 Raleigh Ann Hahn, Akron
 Gregory A. Hannah, Blacklick
 Paula Lynne Harbout, Proctorville
 Joseph Jay Hausman, Columbus
 Eric Mitchell Henley, Kenton
 Kevin Patrick Henmosy, Dublin
 Herman W. Honeck, Dayton
 Kathleen Namahana Jacob, Cincinnati
 Aaron Thomas Jeffers, Gallipolis
 Gregory A. Jensen, Pepper Pike
 Marygail Myers Jones, Springfield
 Mettina Muriel Kahri, Mt. Vernon
 Laura Jean Kammer, Lyndhurst
 Lori Jo Kazdin, University Hts.
 Michael Patrick Kearns, Springfield
 Valerie A. King, Columbus, IN
 Teresa L. Koudelka, Marion
 Charles Joseph Kubicki, Jr., Indian Hill
 Glendon C. Kushner, Fairfield
 Carl David Kwiatkowski, Toledo
 Angela Faith Lane, Cincinnati
 Polly Kay Leitsinger, Cincinnati
 Susan Lee Leonhardt, Euclid
 Jessica Anne Lewis, Columbus
 Wanda Theresa Lillis, Columbus
 Betty J. Lincoln, Upper Arlington
 Gretchen Gailey Lingenfelter, Willoughby
 Lisa Ann Logan, Canton
 Christina Marie McBride, Mansfield
 Micheal James McCarthy, Springfield, VA
 Karen Sue McGaha, Wooster
 Michael Earl McKinley, Shelby
 Keith Alan McWherter, Delaware
 Richard H. Mendicino, Jr., Fairview Park
 Barbara Jane Miller, Grandview Hts.
 James Darrell Miller, Mansfield
 Christi Ann Moore, Kettering
 Richard Price Moore, New Philadelphia
 Betty J. Moran, Columbus
 Barbara Elise Munson, Greenhills
 Jennifer Lee Mylius, North Canton
 Nancy E. Nicolosi, Delaware
 Amy Jill Okun, Toledo
 Marie Isabel Palacios, Marion
 Linda Marie Park, North Canton
 Dirk E. Parker, Columbus
 Mary Christine Parker, Marlborough, MA
 Robert Stephen Pritchard, Upper Arlington

Alexandra Rajlich, Youngstown
 Whitney Baldwin Randall, Worthington
 James David Richards, Westerville
 Karen Marie Rigel, Findlay
 Eric Avery Robbins, Upper Arlington
 Barry Michael Sague, South Euclid
 Faith Irene Schneider, Columbus
 Betsy Ann Schnell, Gahanna
 George Joseph Schreiner, Akron
 Patricia Sue Schulte, Delphos
 David Russell Schwark, Brunswick
 Kelly Elizabeth Sether, Columbus
 Scott Steven Shaeffer, Columbus
 Laurie Lyn Simonson, Akron
 Robin Elizabeth Stein, Lyndhurst
 Erik Robert Stewart, Columbus
 Alexandra Cavanaugh Struthers, Canfield
 Tracy Ann Taylor, Upper Arlington
 Elizabeth A. Thoits, El Paso, TX
 Charles Ernest Toft II, Upper Arlington
 Brenda Sue Townner, Millersburg
 Douglas Eric Vail, Cleveland
 Eva Marie Veddern, Reading
 Thomas A. Wade, Perrysburg
 Alan Fred Wagner, Louisville
 Jacqueline Wall, Columbus
 Mark H. Wallar, Columbus
 Dave William Watson, Copley
 Craig Tod Weintraub, University Heights
 Sheri L. Welch, Columbus
 Enoch Bert White, Centerville
 Lansing E. Williams, Jr., Wooster
 Jill Ann Willis, Wilmington
 Geoffrey Ward Wingard, Bay Village
 Jacqueline Ann Zucoski, Bolton, MA

Bachelor of Science

Hallie Atkinson, Granville
 Wayne F. Babcock, Bryan
 Tanya Gayle Barger, Delaware
 Erin P. Cassidy, New York, NY
 Holly June Chandler, Kettering
 James Edward Eckley II, Kettering
 Frank Michael Evans, Columbus
 James Franklin Hoffman, Prospect
 Jean Lorraine Jones, Warren
 Kevin Ray Lawson, Wilmington
 David Alan Leslein, Honolulu, HI
 Keith Logan, East Liverpool
 David Thomas Moore, Boardman
 Timothy Paul Neja, Galion
 Gary L. Nuzzi, Warren
 Todd N. Pinsky, Columbus
 Mark Alan Posing, Avon
 Keith Allen Ramsey, Dover
 Cynthia Scarborough Ross, Winterville
 Cynthia Jane Silbaugh, Lancaster
 Susan Marie Sobas, Marion
 Dianna Jolene Spencer, Upper Arlington
 William G. Swartz, San Diego, CA
 Julie Teresa Ann Wiggenhorn, Dayton
 Shari Anne Wong, Cleveland Heights

Certificate of Study in Slavic and East European Studies

Richard Gilbert Gween, Pompano Beach, FL

School of Journalism

Bachelor of Arts in Journalism

Patricia Anne Bahner, Canal Winchester
Wendy Raye Bernard, Sylvania
Catherine A. Candisky, Bay Village
Christine Carol Casey, Columbus
Jon Jay Fleshman, Columbus
Susan Leona Green, Columbus
Michelle Rae Harmon, Boise, ID
Daniel Paul Higgins, Panama City Beach, FL
Thomas Patrick Jewell, Toledo
Karen Sue Kinsella, Cincinnati
Thomas Lyle Levenick, Washington, IL
Molly Anne May, Newark
Judith Marie Miller, Warren
Alicia Odell Montford, Salem
Tara Lee Narcross, Columbus
Shelley Elizabeth Orr, Columbus
Ginny Lee Paull, Worthington
Kevin Joseph Payne, Centerville
Regina Petraska, Cleveland
Erica Portnoy, Charlotte, N.C.
Laura Jean Preble, Lima
Lisa Ann Puskarich, Cadiz
Valerie Lynn Oullien, North Canton
Rebecca Suzanne Redosh, St. Clairsville
Thomas E. Rodenhauser, Oak Harbor
Jane Elizabeth Sachs, Kettering
Cynthia S. Scheel, Easton, PA
Michael Shimko, Eastlake
Mark Wayne Smith, Toronto
Kristina Inez Staggs, Portsmouth
Linda Eileen Thibaut, Mount Vernon
Lori J. Whitt, Middletown
Jennifer Marie Wright, North Olmsted

College of Administrative Science

Dean: H. Justin Davidson

Bachelor of Science in Business Administration

Devin Lee Adkins, Pataskala
Nizar A. Alshubaily, Jeddah, Saudi Arabia
Jan Elizabeth Alspaugh, Toledo
Andrew Richard Ambro, Independence
Gerald Scott Ankrum, Strongsville
Lance Jeffrey Ankrum, Strongsville
Robert Hugh Armstrong, Alliance
Peter Frederick Ashland, Dayton
John Jay Attwood, Euclid
Mariane Baldwin, Waverly
Charles Dale Baughman, Carroll
Kathy Lynn Beaver, Sunbury
Donald James Behan, Jr., Cincinnati
Robert Claiborne Beisel, Copley
David Elbert Bell, Mayfield Heights
Daniel Clark Bellis, Oldsmar, FL
Jeffrey Andrew Benge, Westerville
Robert Howard Berger, Columbus
Elizabeth Ann Bethel, Centerville
Paul Barron Bickelhaupt, Columbus

Denise Anne Bishop, Marion
Dianne Elizabeth Blanke, New Bremen
Cornelius Boersma IV, Albany, NY
David Blanford Boston, Pickerington
Christine Marie Bowers, Sandusky
Cheryl Ann Bowes, Arlington Heights, IL
Edward Louis Brady, Lorain
Terry Edward Brokamp, Cincinnati
Jeffery Lyn Brown, Eaton
David LaDoyt Brumback, Van Wert
Patricia C. Buckholz, Willoughby Hills
Robert Joseph Buescher, Ottawa
Davis R. Calder, Chagrin Falls
Barbara Ann Cardarelli, Warren
Claire F. Carleton, Columbus
Paul E. Carter, Reynoldsburg
Ava Ho Yin Chan, Hong Kong
Jeffrey Allen Clawson, Ashland
James Paul Connor, II, Canton
Stephen Nicholas Crea, Poland
John Drew Creamer, Mechanicsburg
Timothy Taylor Crum, Tallmadge
Timothy Gerard Cullinan, Lakewood
Randall Jon Cutter, Cincinnati
Donald Wayne Daily, Wintersville
Jack Alan Dean, Cardington
Kevin M. DiDomenico, Wintersville
Robert Bruce Digby, Tiffin
Paul Joseph DiNapoli, Columbus
Tammy Lynne Donaldson, Columbus
Jill Elizabeth Dorn, Washington Court House
Gary Wayne Eiekes, Worthington
Jeffrey Philip Elman, Canton
Haralambos Ezanidis, Columbus
Lorraine M. Fadel, Seven-Hills
Walter Fedchenko, Parma
Danton LeVan Fitch, Salem
Richard Scott Fletcher, Gahanna
Gino Michael Frissora, Columbus
William Joseph Fudale, Willoughby Hills
Debra Lynn Fulton, Newark
Tamela Jo Garner, Springfield
Richard Robert Gartman, Painesville
Dawn Denise Gatterdam, Columbus
Kurt Edward Gatterdam, Columbus
Paul James George, Columbus
Michael Allan Gibson, Newark
Neal Robert Golding, Toledo
Susan E. Goodnight, Lima
Wayne Wilfred Goodwin, Powell
Jana Lynn Gordin, Cedarville
Elaine Marie Gradisek, Lorain
Jerry D. Graw, Wooster
Douglas James Gregory, Newark
James Jay Grunstein, Lexington
Jeffrey Allen Hafer, Vandalia
Robert Mott Hafner, Sandusky
Edward C. Hamilton, Wilmington
Kenneth James Harlow, Westerville
Mark Richard Havens, Ashtabula
Amy Betina Haynes, Chagrin Falls
Robert James Hays, Columbus
Susan M. Heffner, Dublin
William Gregory Heidenreich, Dayton
Catherine J. Heilman, Ashland
James Howard Herman, Beachwood
Michael Kevin Higgins, Columbus
Robert Lewis Hillis, Columbus

Robert Anthony Hiss, Marion
Mary Beth Holton, Mansfield
Monica Elaine Holmes, Coshocton
Mitchell David Hoover, Troy
Pamela Hosaka, Lakewood
Robert Joseph Howlett, Worthington
Anthony James Hunt, Columbus
Daniel Edgar Hunt, Grove City
Scott James Jaros, Bedford Heights
Jerry Lee Kackley, Byesville
Kenneth Dean Kahle, Kalida
Leslie Catherine Kahoun, Coshocton
Stacey Kaye Kastan, Ashland
Scott Michael Kennedy, Columbus
Martha A. Kerns, Columbus
Lori Jean Kilian, Columbus
Edward Lincoln Kimble, Dayton
Clifford James Koch, Columbus Grove
Laura JoAnn Krause, Westlake
David Paul Krebs, Cincinnati
Gregory George Kuharik, Fairview Park
David Michael Kusma, Mansfield
Russell Alan Lamosek, West Farmington
Sharon Phyllis Lander, Pittsburgh, PA
Mark A. Later, Logan
James Norman Lawhead, Lorain
Jeong Lee, Seoul, Korea
Jeanne Marie Lennon, Columbus
Richard Scott Leonoff, Roslyn, NY
Carol Monique Lepley, Bellevue
Lisa Anne Lewis, Cleveland Heights
Timothy Leland Lipkin, Columbus
Karen Ann Lucht, Canton
Danis P. Lui, Cleveland
Karen Ann Lundstrom, Chagrin Falls
Jeff Bernard Maccora, Canton
David Alan Magnacca, Columbus
Tracy Ann Maloney, Worthington
Mark Loran Manning, Wadsworth
Elizabeth Ann Mansour, Youngstown
Angela Marousis, Lorain
Carol Jean Marquardt, Brooklyn
Yordan Boris Matsanoff, Pickerington
Steven Clarke May, Alliance
Barbara Ann McCleary, Fresno
Kenneth Allen McKee, Columbus
Walter Jack McLaren, Dayton
David Edward McMahon, Columbus
James Ronald McQuerrey, Marion
Robert Nick Medich, Steubenville
Philip Joseph Megla, Columbus
Theresa Marie Mercer, Pickerington
Priscilla Meredith, Garfield Heights
Jeffrey David Miller, Milford
Kevin William Miller, Columbus
Edward Bryan Mino, Seven Hills
Linus William Modlich, Columbus
Barry Patton Montrose, Cherry Hill, NJ
Dana Eugene Moore, Damascus
Linda Adrian Moore, Springfield
Linda Ann Moore, Dayton
Brett Morman, Pompano Beach, FL
Kevin Paul Mueller, Greenville
William Dean Mumford, Amlin
Jens Munk, Columbus
Christopher Lewis Nagel, Columbus
James Edward Neidhard, Columbus
Eric James Neily, Roselle, IL
Randolph Richard Nemetz, Chagrin Falls

Beth Angela Niesel, Terrace Park
 John Lindsay Noble, Steubenville
 April Ann Oldham, Columbus
 Gary David Ometter, Ontario
 Timothy Allan O'Neil, Bedford
 Frederick Ellis Osthoff, North Olmsted
 Douglas Evan Parks, Delaware
 James Timothy Parks, Columbus
 Thomas John Pechiney, Columbus
 Suzanne N. Pellicchia, Massapequa Park, NY
 Jo Ann Pellegrino, Cincinnati
 Cheryl Lynn Perry, Columbus
 Kristina Mae Petrovic, Beachwood
 Joseph Mark Pietrusik, Lackawanna, NY
 Renee Elizabeth Pilliod, Akron
 Ivo Louis Podobnikar, Columbus
 Richard Jay Polentz, Columbus
 Michele Ann Pritchard, Chillicothe
 Dale Herbert Pruthiere, Tallmadge
 Rodney V. Pyles, Jr., Chillicothe
 Matthew Brian Radigan, Streetsboro
 Sherri Lynn Raison, Wheelersburg
 Steven R. Randall, Columbus
 Johnny Robert Reece, Galloway
 Edwin Randal Reed, Reynoldsburg
 Scott Allan Ridgway, Waton Hills
 Mary Eva Riley, Middletown
 Theresa Lynn Rizzo, Galion
 Garner M. Robertson, Springfield
 David Whitfield Robinson, Columbus
 Maria Adrienne Rozhin, Cleveland
 Tamara Kay Ruhl, Columbus
 David Michael Rutana, Bedford Heights
 Kevin John Ryan, Lima
 Richard Kevin Saunders, Akron
 Pamela Susan Sawyer, Russell
 Brian Bruce Schade, Plymouth, MN
 Mara Lanay Schmidt, Worthington
 Susan Renee Schroeder, Springfield
 Patricia Ann Schuette, Columbus
 Susan Dee Schultz, Chagrin Falls
 Carolyn Rose Seibel, Sharonville
 Richard Bruce Shall, Toledo
 Scott Gene Shaltunuk, Aurora
 Hamid Shams, Columbus
 Ali Sharif-razi, Columbus
 Bradley Hampton Shumaker, Newark
 Beverly Ann Sifford, Columbus
 Joyce Marie Slavkovsky, Youngstown
 Heidi Serene Small, Chesterland
 Holly Hamann Smalley, Ashland
 Csilla Emoke Smith, Columbus
 Deborah Lynn Smith, Grove City
 Jeffrey Lee Smith, Powell
 Jeffrey Alan Socha, Lorain
 Robert George Sperry, Dayton
 Michael Theodore Spohn, Brecksville
 Joseph Michael Spring, Newark
 Michael Edward Spinino, Columbus
 Ronald Allan Stacy, Galena
 Wade Thomas Steen, Fremont
 Timothy Wayne Stephens, Windsor, CT
 Marc Allan Stern, South Euclid
 Dallas Eugene Stiles, Jr., Tallmadge
 Jeffrey R. Stotler, Barnesville
 Timothy Michael Sullivan, Plain City
 David William Tabata, Middleburg Heights
 Craig Robert Thompson, Portsmouth
 Julie Ann Thompson, Columbus

Cheryl Ann Trittschuh, Greenville
 Richard Eugene Tucker, Newark
 Adam Manuel Tzagouris, Columbus
 Eriphili Tzemos, Columbus
 Anthony Vanadia, Parma Heights
 Amy Dee Van Fossen, Akron
 Nancy Arnett Vargo, Columbus
 Paul Victor Venard, Gypsum
 Steven H. VonSchultz, Columbus
 John Keith Vretas, Canton
 Jon Douglas Wagner, Lima
 Larry Alan Wagoner, Columbus
 Helen Ann Waibel, Columbus
 Joan Marie Walter, Greenlawn, NY
 Gail Marie Waters, North Olmsted
 Larry Thomas Webb, Xenia
 Saul Eric Weinberg, Moreland Hills
 Dorothy Jayne West, Columbus
 Linda Lee Wetmore, Reynoldsburg
 Cheryl Ruth Vaughn Whatley, Columbus
 Todd Randall White, Columbus
 Anna Widjaja, Medan, Indonesia
 Michael Paul Wilkes, Akron
 Kenneth Jay Williams, Columbus
 Shirley Irene Williams, Ramsey, NJ
 Gregg Alan Wilson, Zanesville
 Steven D. Wilson, Fayette
 Susan Ann Wilson, Brighton, MI
 Michael Joseph Woltman, Columbus
 Cheryl Jean Wurthmann, Madison
 Steven Shane Young, Lancaster
 Jill Jacquelyn Trone Zelle, Worthington
 David Scott Zelman, University Heights
 Martin Joseph Zieminski, Rocky River
 Steven William Zweig, Lyndhurst

Bachelor of Science in Labor and Human Resources

Amy Joanne Miller, Sylvania
 Michael Stedcke Stuckey, Marion
College of Agriculture

Dean: Max Lennon

Bachelor of Science in Agriculture

Leslie Dawn Apgear, Columbus
 David Kenneth Billig, Berkeley Heights, NJ
 Margaret Mary Boersma, Marietta
 Michael David Bower, Cairo
 Robert W. Carey, Jr., Cincinnati
 Joseph Homer Cattell, Beloit
 Jeffrey Louis Copeland, Bloomingdale
 Barry Patrick Dunn, Cincinnati
 Steven Michel Gerfen, Prospect
 Sandra Kay Grubbs, Lisbon
 Robert Lee Gyke, Columbus
 Chet Alan Harris, Marengo
 Kimberly Sue Harrison, Eaton
 Daryl Lane Haynam, Granville
 Okechukwu Crescent Itanyi, Enugu, Nigeria
 Thomas Kenneth Koenig, Wapakoneta
 Melissa Lawrence, Marion
 Mark Allen Lelle, South Wayne, WI
 Marc Thomas Lundberg, Gahanna

Kitsen Dee McCumber, Columbus
 Arthur Samuel McMillan, Warsaw
 Penny Lea Moine, Medina
 John Joseph Okuley, Defiance
 Steve Carl O'Neal, Dayton
 Christopher Cathers Overholt, Fredericktown
 John Charles Price, McConnesville
 Jeffrey Peter Rectenwald, Columbus
 Kerit Alan Reed, Conroy
 Karen Christine Scott, Columbus
 Steven Ray Shoemaker, Alliance
 Gary Eugene Short, Archbold
 Theresa Lavonne Sulfridge, Fairfield
 Dennis Lyle Trautwein, Upper Sandusky
 Michael Edward Van Amburgh, Grafton
 Donald Clyde Ventling, Warren
 Michael Douglas Wright, Hamilton

Bachelor of Science in Food Science

Belin Marie Farrell, Harrisburg

Bachelor of Science in Food Technology

Jill Elaine McCullough, Columbus

Bachelor of Science in Nutrition

Julie Marie McEdwards, Cincinnati
 Elizabeth Mary Scazarek, Southington

School of Natural Resources

Bachelor of Science in Natural Resources

Keith Patrick Barrett, Dayton
 Robert Lee Blenker, Redondo Beach, CA
 Matthew William Brown, Columbus
 Michael Lee Cheney, Upper Sandusky
 Victoria M. Connelly, Mentor
 Patricia Susan Dorman, Canton
 Richard Irwin Dorn, Columbus
 Chysa Gabora, Seven Hills
 Terrilyn Green, Delaware
 George Edward Hammann, Cincinnati
 Mitchell Alan Heslop, Columbus
 Christopher Todd Joy, Rocky River
 John A. Katterheinrich, New Knoxville
 Joseph Harold Liddle, Columbus
 Theresa Lynn Masters, Ashtabula
 Robert Paul Misita, Haddonfield, NJ
 Jeffrey John Nicholson, Waterville
 Catherine Sue Perron, Springfield
 Robert D. Raddiff, Milford
 Jeffrey Gale Smith, Columbus
 Elaine Elizabeth Stadler, N. Royalton
 Steven F. Stuenmund, Belleville
 James David Upp, Portsmouth

Agricultural Technical Institute- Wooster

Associate In Applied Science

William Albert Andrei, Ravenna
Norman Duane Armentrout, Kent
John Paul Bialecki, West Mansfield
Michael Scott Boyd, Canton
Michael Allen Brandt, Utica
Dawn Susan Burchell, Gurnee, IL
Bruce Paskin Carden, Wooster
Suzi Ann Clark, New Philadelphia
Mary Kathryn Cohagan, Millersburg
Martha Crawford, Norwalk
Kathleen Marie DeSalvo, N. Olmsted
Paul Judson Ebright, Olmsted Falls
James Courtney Gallagher, New Britain, PA
Michael Dean Garrett, Minerva
Brent Charles Haury, Grafton
Owen Jay Hostettler, Columbus
Phillip Hamrichouse, Reynoldsburg
Daria Lee Jones, Warren
Kameron Allen Kuhl, Norwalk
Steve Albert Lamb, Marion
Neil Edward Leffel, Wapakoneta
Deanna Louise Martin, Grove City
Linda Marie Martin, Orrville
Jerry William Ream, Ada
Laura Ann Russell, Yellow Springs
Douglas Paul Saum, Lancaster
Larry Joseph Sherman, Wheelersburg
William David Stull, Sebring
Penny Sharese Sweetesky, North Ridgeville
Kenneth Richard Vargo, Barberton
Kevin Allen Wagner, Lowell
Stanley Wayne Wertz, Marshallville
Steven J. Williams, Coolville
Mark Andrew Yoders, Wadsworth

College of Dentistry

Dean: William R. Wallace

Doctor of Dental Surgery

Audrey Jane Denham, Danville, KY
B.A. [Walsh College]

College of Education

Dean: Donald P. Anderson

Bachelor of Science in Education

Idris Abdullahi-Lanzai, Bauchi, Nigeria
Sule Kalshingi Abubakar, Bauchi, Nigeria
Jeffrey Dewayne Adkins, Columbus
Rick C. Aguirre, San Angelo, TX
Richard E. Altomare, Worthington
Andrea Mayer Armstrong, London
Nancy Jo Baker, Marion

Susan Merrill Banoun, Cincinnati
Martha Ellen Bennett, Cambridge
Rebecca Ann Bringardner, Pataskala
Mark Allan Brown, Columbus
Andrew Hausa Butswat, Bauchi, Nigeria
Phipp Daniel Callaghan, Columbus
Scott Alan Cardwell, Mansfield
William Douglas Carey, Marion
Julie R. Chorovich, St. Clairsville
Pamela Jean Claggett, Newark
Beth Ann Coffey, Vandalia
Donna Lynn Coots, Columbus
Alicia LuAnn Copeland, Chillicothe
John David Cross, Fairborn
Joanne Elizabeth Deam, Lyndhurst
Angela L. Dee, Lima
Ailis Frances Donovan, Lynnfield, MA
Barry Timothy Egan, Mt. Liberty
Georgia Ann Engert, Eastlake
Cynthia Gail Farley, Johnstown
Sandra Cochran Foster, Newark
Anthony Joseph Frissora, Columbus
Robin Jane Gara, Wilmington
Michele Marie Gorius, Utica
Barbara Sue Grinstead, Pickerington
Karen Williams Gross, Elk Creek, MO
Pamela Marie Gurney, Mansfield
Mark R. Haines, Marion
Elizabeth Ann Hange, Spencer
Nancy Jo Harding, Brecksville
Joni Marie Hassmann, Mansfield
Christene Ann Hastings, Dunkirk
James Robert Herd, Fairborn
Amanda Joann Hogue, Newcomerstown
Natalie Annette Hudnell, Columbus
Carl Ray Huggler, Marion
Cheryl Renee Hughes, Greenville
Idi Alhaji Ibrahim, Bauchi, Nigeria
Juliana Jordan, Worthington
Kathryn Sue Kavanaugh, South Euclid
Jeffrey Brent Kegley, Westerville
Eric Keller, Swanton
Gregory Dean Krouse, Columbus
John George Kryling, Columbus
Dantata David Kwaka, Bauchi, Nigeria
Christopher Murray Lash, Columbus
Dianne Elaine Leonard, St. Thomas, USVI
Maryamu Sabuda Magem, Bauchi, Nigeria
Abdulmalik Mahmood, Bauchi, Nigeria
Samuila Zambuk Maman, Bauchi, Nigeria
Mary Kathleen Matyak, Columbus
Lisa Ann Maxwell, Gahanna
Mary Patricia May, Worthington
Teresa Jane Meddes, Marion
Renee Daneen Milliken, Minerva
Abdulhameed Moallahyidi, Bauchi, Nigeria
Eric David Moats, Akron
Tatah A. Mohammad, Bauchi, Nigeria
Chindo Mohammed, Bauchi, Nigeria
Kiman Ajiyu Mohammed, Bauchi, Nigeria
Patricia Ann Mooney, Cleveland Heights
Ahmad Rufai Muhammad, Bauchi, Nigeria
Danzaria Musa, Bauchi, Nigeria
Theresa Lynn Price, Dunkirk
Valkyrie Ann Putnam, Alger
Neeru Rastogi, Worthington
Babaji Umar Ringim, Bauchi, Nigeria
Tanim Saidu, Bauchi, Nigeria
Thomas P. Sarsfield, Columbus

Lynda Jean Schertzer, Upper Sandusky
Debra Heitmeyer Schimmoeiler, Fort Jennings
Christine Marie Schleg, Columbus
Susan Marie Schlund, Solon
Tina Lynn Schumaker, Medina
Frederick Lee Seely, Dublin
Maureen Elizabeth Semon, Park Ridge, NJ
Laura Marie Sepik, Delphos
Kathryn Jean Sharrock, Cincinnati
Doris Earlene Shields, Wapakoneta
Barbara Leah Shoup, Winterville
Kimberly Lynn Shroyer, Delaware
Kimberly Ann Simon, Columbus
Martin Boyd Sires, Akron
Robert Allen Slabodnick, Columbus
Cynthia Ann Smith, Findlay
Lorie Lynn Smith, Centerville
Terrence Brian Sowers, Springfield
David Joseph Stone, Shelby
Laurie Faye Stomack, Clayton
Angela Marie Tanner, Beavox
Karen Diane Thompson, Canton
Alan J. Tucker, Columbus
Richard Darrell Turner, Toledo
Deana Lynn Tussing, Baltimore
Garba Dass Umanu, Bauchi, Nigeria
Hilda Helen Van Egmond, Columbus
Karen Walker Vowell, Plain City
MaryKay Waite, Worthington
Mohammed Daji Wakili, Bauchi, Nigeria
Theresa Ann Ward, Dayton
Sylvia Warters, Jeromesville
Amy Elizabeth Wersinger, Marion
Kelly Marie Wood, Marion
Kim Lynette Yates, Mansfield
Kerri Ann Yoakam, Columbus

**Bachelor of Art Education and
Bachelor of Music Education
degrees are offered jointly by the
College of the Arts and
College of Education.
Candidates are listed under
College of the Arts.**

College of Engineering

Dean: Donald D. Glowser

Bachelor of Engineering in Aeronautical and Astronautical Engineering

Martin Joseph Andries, Novi, MI
Paul Keith Berry, Kinnelon, NJ
Anthony Adam Gilotti, Lima
Robert Byron Lowrie, Northbrook, IL
Troy Alan Midos, Mt. Vernon
William Mark Porada, Strongsville
Robert Raymond Sagua, Jr., Walton Hill
Beth Ann Wingate, Grafton
Daniel Lynn Young, Columbus

Bachelor of Science in Agricultural Engineering

Susan Marie Morahan, Avon
Michael Todd Vincent, East Canton

Bachelor of Science in Aviation

Donald Lyle Vanderveer, Troy

Bachelor of Science in Ceramic Engineering

Mark Jay Gallagher, Sunbury
Gregory Richard Geiger, Logan
Alice Pennington Marquand, Beaver

Bachelor of Science in Chemical Engineering

Allyn Wade Armstrong, Oregonia
David Michael Bischak, Toronto
Bassam Farid Jirjis, Columbus
Daniel Vincent Joyce, Dayton
Paul Rudolf Katterle, Richmond Heights
John Gary Zambory, Chardon

Bachelor of Science in Civil Engineering

Vincent Edward Amato, Celina
William Craig Bruce III, Galloway
Robert Elsworth Gerbus, Cincinnati
Chin Leong Lim, Kuala-Lumpur, Malaysia
Zane Dale Perry, Coshocton
Karen Therese Reiley, Strongsville
Charles Duane Wise, Mansfield

Bachelor of Science in Computer and Information Science

Brian Deen Aingworth, Mentor
Margaret Ann Blaho, Mt. Gilead
Susan L. Bryant, Zanesville
Dianne Louise Buxton, Kettering
Robert James Caruso, Dayton
William F. Duemmei, Worthington
Richard William Fisher, Eastlake
Charles William Graham, Centerville
Robert William Hritsko, Jr., Lorain
Kenneth David Huffman, Westerville
Todd Richard Johnson, Bellaire
Frank J.G. Jones, Willberforce
Roger George Long, Edon
Emily Josephine Loy, Newark
Mark William Meade, Westerville
Darby Jay O'Reilly, Toledo
Marc William Reifeis, Toledo
Morris Stanley Scruggs, Gary, WV
Adam Edward Shackelford, Canal Winchester
Siew Lin Soong, Singapore
Linda Spiro, Olmsted Falls
Marcus Taylor, Fairborn
Pak Chung Wong, Hong Kong

Bachelor of Science in Electrical Engineering

Ray Ernest Barnett, Hilliard
Henry Scott Becker, Pickerington
Cherie A. Bennett, Cincinnati
Robert J. Burkholder, Greenville
Douglas Bruce Carney, Westlake
Mitchell Scott Cronig, Shaker Heights
Richard J. Dickison, Poulosbo, WA
Keith Alan Drescher, Cleveland
Hon-Pun Benny Fong, Hong Kong
Gary Leon Galbraith, Belbrook
Larry Lee Ghearing, Jackson
Robert Albert Glinksi, Buffalo, NY
Jeffrey David Kasyon, Brecksville
David H. Koch, Lima
Patrick Gonzalo Luna, West Milford, NJ
James Ignatius Mascolino, Steubenville
William Donald Mote, Feasterville, PA
Roger B. Moore, Mansfield
Neil Alan Notari, Columbus
William Edward Polen, New Philadelphia
Mark Kenny Potterbaum, Middletown
Donald Alan Prouty, Newark
John Allen Richter II, Chillicothe
Andrew Leonard Schneider, Mansfield
Mark Frederick Scott, North Salem, NY
Gholamreza Shahlaazadeh, Tabriz, Eazarbijan
Khaled Hassan Takielddine, Damascus, Syria
Jeffrey Warren Thomas, Carrollton
Paul Charles Wakefield, Alliance
Lynn Richard Youngs, Pleasant City

Bachelor of Science in Engineering Physics

Kenneth Alan Keller, Barberton
Christian Theofil Lant, Shaker Heights

Bachelor of Science in Industrial and Systems Engineering

Elizabeth Sue Arstine, Canton
Tracy Dell Barber, Memphis, TN
Alan Wood Blake, Cincinnati
Karen Lynn Bohnenkamp, Columbus
Ben Wallace Carpenetti, Larksville, PA
Grant Darlington, Fairfield
Kimberly Sue Disterdick, Columbus
Mark Leon Foster, Seymour, IN
Eric Roy Frick, Kettering
William Donald Henningsen, Chagrin Falls
Brian Scott Iles, Grove City
Maria Karas, Niles
James Michael Magee, Montvale, NJ
Jacquelyn Marie McGrath, Pittsburgh, PA
Mark Edmund Portyrata, Newmarket, NH
Gina Lynn Renzetti, Columbus
Christopher Allen Sheldier, Toledo

Mechanical Engineering

Ali Nassirzadeh, Tehran, Iran

Bachelor of Science in Mechanical Engineering

Edward Harold Anderson, Maumee
Alvin Michael Bednarski, Independence
Gary Louis Bevilacqua, Pittsburgh, PA
Walter Dean Blake, Xenia
Joel Meyer Blunt, Burlington, IA
Donald Joseph Bornhorst, Ft. Loramie
David Joseph Brichacek, Garfield Heights
Carlton Delano Brown, Dayton
Mark Scot Bryner, Gahanna
James L. Chirumbole, Orrville
John Lind Collier, Lima
Stephen Howard Dertz, Mt. Clemens, MI
Kevin Alan Dinan, Zanesville
Michael Alan Durbin, Danville
John Alan Eastman, Ashtabula
Michael Charles Gartner, Cincinnati
Heasam Adnan Halasa, Akron
Jirair Hadany Issaghoonian, Columbus
Thomas Allen John, Amherst, MA
Richard Dean Kocher, Willoughby
Marvin Joseph Kremer, St. Henry
Alexander Joseph Lacalle, Columbus
Hao Chi Lam, Gahanna
Leo Michael Longville, Akron
Tah Chuan Low, Singapore
Michael Allen Markham, Worthington
Dale Eugene McClenning, Lima
Daniel Robert McMillan, Columbus
Kevin Eugene McMurray, Belpre
Jeffery Lee Midea, Toronto
Kasra Naghshineh, Tehran, Iran
Robert F. Olsen, Reading, PA
Larry Paul Pesek, Independence
Paul Cody Phipps, New Philadelphia
Mark Allan Plumadore, Northwood
Thomas Walter Reynolds, Woodsfield
Daniel Carl Rose, Ashland
Patricia Ann Socha, Bellevue
David Carl Ulstad, Orlando, FL
Michael Todd Vincent, E. Canton
Michael Edward Ward, Marion
Thomas Joseph Wenning, Maria Stein
Kathleen Anne Whitfield, Avon Lake
Hwa Yau, Cleveland

Bachelor of Science in Metallurgical Engineering

Mark Duane Ingold, Mansfield
Joyce M. Hare-Madigan, Windsor

Bachelor of Science in Welding Engineering

Ernest Raynard Jackson, Cincinnati
Joseph Frank Kotnik, Chesterland
Michael Ray Miller, Farmington Hills, MI
Rick C. Stein, Columbus
Jeffrey Corwin Trimmer, Columbus

School of Architecture

Bachelor of Science in Architecture

Gaspar Alberto Bejarano, Lafayette, IN
Janet Ellen Buttner, Columbus
Cheryl Lynne Clark, Cincinnati
Gary Michael Garrison, North Baltimore
John Harold Hansen, Sparta, NJ
Mark Anthony Hutter, Lakewood
Norbert Jeffrey Johnson, Gahanna
Scott David Kobylski, Columbus
Michael Wallace Murphy, Columbus
Thomas Robert Pedrazzi, Florham Park, NJ
Charles Joseph Staley Jr., Columbus
Thomas Charles Terry, Shelby
Martin Ronald Thompson, Upton
Jonathan Mark VanMeter, Dayton

Bachelor of Science in Landscape Architecture

Mark Allen LaRue, Shaker Heights
Michael Sean McAndrews, Fairview Park
Mark McLaren, Hudson
James Andrew Schiensi, Elyria
Jeffrey Adam Strung, Avon Lake

College of Home Economics

Dean: Lena Bailey

Bachelor of Science in Home Economics

Tamara Jo Barnhart, Dayton
Caryn Eileen Benis, Columbus
Lindia Carroll Borders, Columbus
Cynthia Elaine Brewer, Wilmington
Janell Annette Bullen, Millford
Janet Elaine Constantine, Columbus
Teresa Lynn Cowgill, Columbus
Tonya Lynn Cozart, Columbus
Constance Rebecca Evans, Woodstown, NJ
Janet Joanne Freed, Akron
Robin Renee Fry, Chillicothe
Marcia Jo Gatti, Columbus
Julie Ann Gedeon, Rocky River
Linda Marcia German, Akon
Lisa Louise Gindlesberger, Columbus
Julie Ann Gregory, Delaware
Julia Ann Hall, Athens
Debra Anita Hannah, Blacklick
Jacqueline Louise Hubka, Strongsville
Theresa Sue Hutton, Rocky River
Patricia Ann Keener, Columbus
Brenda Renea Kyre, Marysville
Lisa Ann Lawrence, Orwell
Leslie Marie Lay, Mountlake Terrace, WA
Suzanne Dee Leiendecker, Columbus
Jennifer Ann McKinney, Kettering
Paula Ann McMurray, Columbus
Kathy Marie Nally, Troy
Cynthia Ann Orsino, Columbus
Lori Gail Parsons, Worthington

Rhoda Beth Pauley, Pickerington
Laura Marie Peltetier, Tipp City
Sheila Joan Pizza, Toledo
Adrienne Ann Reffner, Dayton
Kathy Felicia Root, Boca Raton, FL
Lori Sue Rothstein, Beachwood
Julie Lynn Seiler, Worthington
Carol Annette Shunkwiler, Grove City
Diane Marie Siwinski, Niles
Candee Leigh Starr, Pataskala
Coleen Mae Stevens, Oconomowoc, WI
Nancy Elizabeth Thomas, Wooster
Catherine Williams, Cleveland Heights
Susan J. Williamson, Johnstown
Lisa Renee Wise, Canal Fulton
Amy Louise Wolpert, Marysville
Susan Elaine Woolery, Troy

Bachelor of Science in Nutrition

Peng Yuk Yee, Columbus

Bachelor of Science in Restaurant Management

Susan Lynn Hadfield, Ridgefield, CT
James Matthew Judy, Dover
Bruce Phillips, Columbus

College of Medicine

Dean: Manuel Tzagouris, M.D.

Doctor of Medicine

Pamela Ann Dull, Warren
B.A. (Hiram College)
Albert Gregory Hakaim, Cleveland
B.A. (Ohio Wesleyan University)
Richard Lee Miffin, Fairborn
B.S. (Wright State University)
Gary Michael Richard, Columbus
B.S.

School of Allied Medical Professions

Bachelor of Science in Allied Health Professions

Cecilia Ann Backman, Olmsted Falls
Elizabeth B. Garard, Hilliard
Anne Paola, Westfield, NJ
Frank LeRoy Perin, Columbus
AD.N (Mesa Community College, Arizona)
Deborah Ann Schrubb, Troy
Dean Alan Shepherd, Columbus

Certificate of Nurse Anesthetist

Carol Ann Blankenship, Bellbrook
B.S.N. (Wright State University)
Susan Mary Carstensen, London
B.S.N. (Ohio State University)
Theodore H. Nicol, Marysville
B.S.N. (Kent State University)
Christine Marie Perdzock, Worthington
B.S.N. (Capital University)
Karen Marie Sheppard, Columbus
B.S.N. (Ohio State University)

College of Nursing

Acting Dean: Grayce M. Sills

Bachelor of Science in Nursing

Linda Ruth Kreidler, Dublin
Susan Bowman Kundrat, Newark
Sally Ann Oxley, Ashland

College of Pharmacy

Dean: Albert H. Soloway

Doctor of Pharmacy

Vincent Frank Mauro, Salem, B.S. in Pharmacy
(Ohio Northern U.)
Natalie Anne Mendham, South
Lyndeborough, NH, B.S. in Pharmacy (U. of
Rhode Island)
Laurie Marie Slack, Salem, B.S. in Pharmacy (Ohio
Northern U.)
Diana Stapars, Seattle, WA, B.S. in Pharmacy (U.
of Washington)

Bachelor of Science in Pharmacy

Mark Lawrence Biczynski, Lorain
Philip Marshall Cortell, Jr., Girard
Stephen William Janning, Kettering
Minnie K. Kargiotis, Cleveland
Barbara Ann McCleary, Fresno
Paula Dawn Seibert, North Canton
Cathy Lee Sweet, Norton
Steven Scott Wooddell, Marietta

College of Social Work

Dean: Richard E. Boettcher

Bachelor of Science in Social Welfare

Steven Michael Carter, Columbus
Amy Rae Feldman, Cleveland
Michael Joe Franks, Vinton

Teresa Lee Holt, Marion
Michele Marie Martin, Pompano Beach, FL
Sheryl Ann Rossman, Columbus
Wendy Elen Zicht, Columbus

Graduate with Honors

Criteria for graduation with honors are as follows:

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.

Cum Laude designates those graduating in the top 10% of the class (top 6% in the Colleges of the Arts and Sciences).

Summa Cum Laude designates those graduating in the top 3% of the class (top 1.5% in the Colleges of the Arts and Sciences).

With Distinction in Agricultural Education

Mark Allen Lelie

With Distinction in Agricultural Education/ Agricultural Economics

Gary Eugene Short

With Distinction in Agronomy

John Joseph Okuley

With Distinction in Dairy Science

Steven Ray Shoemaker

With Distinction in Family Relations and Human Development

Paula Ann McMurray

Cum Laude With Distinction in Journalism and With Honors in the Liberal Arts

Tara Lee Narcross

Cum Laude

Vincent Edward Amato
Edward Harold Anderson
Robert Hugh Armstrong
Susan Merrill Banoun
Charles Dale Baughman

Jeffrey Andrew Benge
Elizabeth Ann Bethel
Christine Marie Bowers
Christine Carol Casey
Ruth Elizabeth Cehelink
Pamela Jean Claggett
Ngan-Ha Do
Georgia Ann Engert
Julie Ann Gedeon
James Robert Herd
Kenneth David Huffman
Linda Ruth Kreidler
Betty J. Lincoln
Robert Byron Lowrie
David Alan Magnacca
Lisa Ann Maxwell
Kenneth Allen McKee
Christopher Lewis Nagel
Theresa Lynn Price
Valerie Lynn Quillen
Sherri Lynn Raison
Steven R. Randall
Rebecca Suzanne Redosh
Karen Therese Reilley
David Whitfield Robinson
Julie Lynn Seller
Patricia Ann Socha
William David Stull
Fenny Sharese Swetesky
Angela Marie Tanner
Charles Ernest Toft II
A. Keith Weiner
Deborah Ann Weir
Amy Elizabeth Wersinger
Linda Lee Wetmore
Todd Randall White
Geoffrey Ward Wingard
Mark Andrew Yoders

Summa Cum Laude

Martha Ellen Bennett
Cathy Elaine Boos
Connie J. Brod
Robert James Burkholder
Tracy Marie Callahan
Barbara Sue Grinstead
Amy Bettina Haynes
Jerry Lee Kackley
Susan Bowman Kundrat
Carol Monique Lepley
Carol Jean Marquadt
Jui Ling Chingue Roark
Patricia Ann Schuette
Thomas Steele Shelly
Kimberly Lynn Shroyer
Heidi Serene Small
Michael Edward Spurlino
Eric Michael Tallan
Larry Thomas Webb
Jill Jacquelynn Trone Zelle
Wendy Ellen Zicht

Candidates to be Commissioned in the Armed Forces

United States Army

Second Lieutenant United States Army

Aviation

*Larry Paul Pesek

Second Lieutenant United States Army Reserve

Armor

William Keith Beall

Medical Service Corps

Guy Francis Demers

Infantry

Grant Lee Douglas

Military Intelligence

Laurence Paul Levandowski

United States Air Force

Second Lieutenant United States Air Force

Paul K. Berry
Matthew W. Brown
Mark S. Bryner
Mark L. Foster
Anthony A. Gilotti
David R. Schwark
Michael J. Woltman

United States Navy

Ensign United States Navy

Kenneth Alan Keller
John Allen Richter II

*Denotes Distinguished Military Graduate

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THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND TWO HUNDRED AND THIRD MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, September 7, 1984

The Board of Trustees met at its regular monthly meeting on Friday, September 7, 1984, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

* * *

Minutes of the last meeting were approved.

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September 7, 1984 meeting, Board of Trustees

The Chairman, Mr. Hilliker, called the meeting of the Board of Trustees to order at 12:35 p.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: D. James Hilliker, Chairman, John F. Havens, Daniel M. Galbreath, Edmund C. Redman, Leonard J. Immke, John W. Berry, Shirley D. Bowser, and John J. Barone.

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Mr. Hilliker reconvened the meeting at 2:10 p.m.

Present: D. James Hilliker, Chairman, John F. Havens, Edmund C. Redman, Leonard J. Immke, John W. Berry, Shirley D. Bowser, and John J. Barone.

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UNIVERSITY SENATE STEERING COMMITTEE

Resolution No. 85-14

Dr. Jennings called on Dr. Herbert Asher, outgoing Chairman of the University Senate Steering Committee, to present a report on the role and activities of that committee.

Dr. Asher:

Thank you, Mr. Chairman, members of the Board. Before I begin my formal comments I have a confession to make--I own stock in Wendy's and I drink Coors beer. Unfortunately, I don't own enough stock in Wendy's and drink too much Coors beer. I just looked at my enrollments for the upcoming Fall and my classes are much too large so I would welcome a boycott. Being serious, as Chairman of the University Senate Steering Committee for the past two years, I am pleased to have this opportunity to make some brief comments about the Committee and the University Senate.

The Rules of the University Faculty assign a number of responsibilities to the Steering Committee. The Steering Committee is the "committee on committees" for the University Senate and as such has the responsibility for nominating faculty members on University Senate committees. The Rules of the University Faculty also state that the Steering Committee shall meet at least once every year with the chairpersons of all of the other standing committees. And indeed, the Steering Committee has gone beyond this by having its members serve as liaisons to the other committees, thereby promoting better coordination and awareness among the committees. The composition of the Steering Committee as specified in the Rules makes it one of the most representative committees on campus. Membership includes six faculty, the Provost, the University Fiscal Officer, the presidents of the undergraduate, graduate and professional student governments, a dean, and another student. Thus,

September 7, 1984 meeting, Board of Trustees

UNIVERSITY SENATE STEERING COMMITTEE (contd)

the Steering Committee is a good forum for the exchange of sometimes diverse views.

In the past two years the Steering Committee has been guided by two general principles. The first is simply that to the greatest extent possible, the University Senate should be the site of genuine discussion and even decision-making. It is better to err on the side of bringing too much before the Senate, than of bringing too little. One small step the Steering Committee took to enhance the Senate as an arena for real decision-making was to consistently nominate more candidates for committee assignments than positions to be filled, thereby ensuring a genuine election. I might add that up until a few years ago, I think, our elections of the University Senate were very much in the Soviet style--there was one slate of candidates and you got to pick one among one, or whatever.

The second general principle that has guided the Steering Committee is that effective university and faculty governance absolutely requires a strong, well-functioning committee system. Although, in some instances decisions will be made on the floor of the Senate, in most cases the key work and the key decisions will actually be made in the committees. And so to enhance the performance of the committee system, the Steering Committee acted not only as a committee on committees, but also as an executive or literally as a Steering Committee. To that end, we assisted other committees in doing their jobs, usually through the mechanisms of rules changes and sometimes by moral persuasion--or some of the committees might say immoral persuasion. In some cases our assistance was actively sought, in other cases it was not.

The Steering Committee is given additional responsibilities in the Rules of the University Faculty. In the past year the Committee presented President Jennings with a list of candidates for the position of Secretary of the University Senate after conducting a campus-wide search. There are also rules initiated by the Board of Trustees which give the Steering Committee power to prescribe conditions governing the appearance of guest speakers on campus in potentially turbulent situations. We are delighted that we have never had to get involved in that situation.

Finally, the Rules of the University Faculty state, "the Steering Committee shall serve as a channel of communication between the University Senate and the President and Board of Trustees. Its elected members shall be an advisory group available to both the President and the Board of Trustees for advice and counsel on any matter relating to the operation and development of the University. After consulting with the President, the elected members of the Steering Committee may request and obtain a meeting with the Board of Trustees." On occasion we have met with the President in the past two years, but have not felt it necessary to request a

September 7, 1984 meeting, Board of Trustees

UNIVERSITY SENATE STEERING COMMITTEE (contd)

meeting with the Board of Trustees simply because things seem to be working fine. The Provost, despite his occasional and justified done a superb job of presenting rules changes to the Board and the Board in its wisdom has concurred in the judgment of the University Senate.

Let me close on a personal note. I have enjoyed being Chairman of the Steering Committee for the past two years. And for one and a half of those years I have also been working in the President's Office as Special Assistant for State Relations. Given that the Chairman of the Steering Committee is by rule to be a faculty member, I was pleased that my faculty colleagues permitted me to remain as Chairman even though I had moved over to the other side on a half-time basis. This willingness of my faculty colleagues to let me stay on as Chairman is less a credit to me and much more a tribute to the administration of this University and to its Board of Trustees. For without faculty confidence in the fairness and responsiveness of the administration and the Board of Trustees, there would have been no way that a member of the President's Staff, albeit still an active faculty member, would have been allowed to serve as Chairman of the Steering Committee. Thus, I thank you for allowing me to have the best of both worlds. I would be happy now to address any questions you might have about the Steering Committee or the University Senate. Thank you.

Mrs. Bowser:

Is your term up?

Dr. Asher:

Yes. I let something fall through the cracks. The new Chairman of the Steering Committee is Professor Richard Lanese in Preventive Medicine and the new head of the Faculty Council is Professor Charles Mand in Education--Physical Education.

President Jennings:

Herb, I thank you for that very succinct but informative report. The Steering Committee is not a usual governance structure in universities, but it allows us to deal with a body of some 140 strong representing literally every constituency group in the institution, and it enables us to work with that body in an efficient manner on governance matters. I have been pleased to work with the Steering Committee these last three years and I appreciate your kind words, Herb; and I also look forward to working with the new officers as we move down the line.

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PERSONNEL ACTIONS

Resolution No. 85-15

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the July 6, 1984 meeting of the Board, including the following Changes in Title, Reappointment of Principal Administrative Official, Appointment of Chairpersons of Departments and Director of School, Reappointment of Chairpersons of Departments and Director of School, Medical Staff--Appointments and Reappointments for 1984-85, Leaves of Absence Without Salary, Leaves of Absence Without Salary--Extension, Leave of Absence Without Salary--Change of Date, Professional Improvement Leave--Cancellation, Professional Improvement Leave--Change of Date, and Emeritus Titles as detailed in the University Budget, be approved.

Changes in Title

Name: JAMES R. C. LEITZEL
Title: Secretary and Associate Professor
Office/Department: University Senate and Mathematics
Effective: October 1, 1984
Salary: \$36,120.00
Present Position: Associate Professor, Department of Mathematics

Name: HAGOP S. MEKHJIAN
Title: Acting Medical Director and Professor
College: Medicine - Administration
Effective: August 1, 1984
Salary: \$50,694.00
Present Position: Professor, College of Medicine

Reappointment of Principal Administrative Official

FRANCIS E. HAZARD, Dean/Director of the Marion Campus, effective February 1, 1985 through January 31, 1990.

Appointment of Chairpersons of Departments and Director of School

July 1, 1984 through June 30, 1985

Slavic and East European Languages and Literatures E. Garrison Walters*

September 1, 1984 through June 30, 1985

Computer and Information Science Anthony E. Petrarca*

September 1, 1984 through August 31, 1985

Communication Joseph M. Foley*

*Acting Chairperson or Director

September 7, 1984 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Appointment of Chairpersons of Departments and Director of School (contd)

October 1, 1984 through September 30, 1985

School of Public Administration
(and Acting Associate Dean, College
of Administrative Science)

Arthur D. Lynn, Jr.*

Reappointment of Chairpersons of Departments and Director of School

July 1, 1984 through June 30, 1985

School of Allied Medical
Professions
Animal Science
Biochemistry
Entomology
Food Science and Nutrition

Mary R. Schiller*
Vern R. Cahill*
Gary E. Means*
David J. Horn*
Emil M. Mikolajcik*

July 1, 1984 through June 30, 1988

Economics

Edward J. Ray

*Acting Chairperson or Director

Leaves of Absence Without Salary

E. OJO AREWA, Professor, Department of Anthropology, effective Winter Quarter 1985, to help develop a graduate program at the University of Ibadan, Nigeria.

LEWIS GREENWALD, Associate Professor, Department of Zoology, effective Autumn Quarter 1984, Winter Quarter and Spring Quarter 1985, to accept an appointment as Director of the Regulatory Biology Program at the National Science Foundation.

MARILYN R. WALDMAN, Associate Professor, Department of History, effective Autumn Quarter 1984 and Winter Quarter 1985, to complete manuscript.

MARK R. HOPKINS, Assistant Professor, Department of Engineering Graphics, effective Autumn Quarter 1984, Winter Quarter and Spring Quarter 1985, to work with a company that is creating a computer-aided circuit design software package.

JOSEPH T. MULLAN, Assistant Professor, Department of Family Relations and Human Development, effective Autumn Quarter 1984, Winter Quarter and Spring Quarter 1985, to accept a postdoctoral fellowship in social gerontology at the University of California, San Francisco.

September 7, 1984 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Leaves of Absence Without Salary (contd)

PATRICIA C. AKINYEYE, Instructor, University Libraries, effective August 16, 1984 through September 30, 1984, for personal reasons.

MELVON L. ANKENY, Instructor, University Libraries, effective August 8, 1984 through August 22, 1984, for personal reasons.

BETTY J. BARTLETT, Instructor, School of Allied Medical Professions, effective September 4, 1984 through August 31, 1985, to complete doctoral studies.

Leaves of Absence Without Salary--Extension

KAMRAN MAJIDZADEH, Professor, Department of Civil Engineering, extension effective through June 10, 1984, for international travel engagements in conjunction with the OECD Conference in Italy, a Paris Conference and to complete a book on pavement management.

ROBERT R. FURBEE, Assistant Professor, Cooperative Extension Service, extension effective through August 31, 1985, to pursue Ph.D. degree.

Leave of Absence Without Salary--Change of Date

FREDERICK D. STURDIVANT, Professor, Academic Faculty of Finance, change leave of absence from July 1, 1984 through June 30, 1985, to August 1, 1984 through June 30, 1985.

Professional Improvement Leave--Cancellation

RIAD A. AJAMI, Associate Professor, Academic Faculty of Management and Human Resources, effective Autumn Quarter 1984 and Winter Quarter 1985.

Professional Improvement Leave--Change of Date

NEVILLE W. REAY, Professor, Department of Physics, change professional improvement leave from Spring Quarter 1984, Autumn Quarter 1984, and Winter Quarter 1985 to Spring Quarter and Autumn Quarter 1984.

Emeritus Titles

HUGH D. HINDMAN, Department of Athletics, with the title Athletic Director Emeritus, effective immediately.

FREDERICK G. KILGOUR, University Libraries, with the title Professor Emeritus, effective July 1, 1984.

September 7, 1984 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Emeritus Titles (contd)

HAROLD F. MATHIS, Department of Electrical Engineering, with the title Professor Emeritus, effective July 1, 1984.

ARTHUR E. MIDDLETON, Department of Electrical Engineering, with the title Professor Emeritus, effective July 1, 1984.

RICHARD S. RAY, Department of Veterinary Clinical Sciences, with the title Professor Emeritus, effective July 1, 1984.

WALTER E. PILLOW, College of Social Work, with the title Associate Professor Emeritus, effective September 1, 1984.

BETTY S. SUTTON, Department of English, with the title Assistant Professor Emeritus, effective September 1, 1984.

ROBERT J. VON GRUENIGEN, School of Music, with the title Assistant Professor Emeritus, effective August 1, 1984.

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

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RESOLUTIONS IN MEMORIAM

Resolution No. 85-16

Synopsis: Resolutions honoring the service of five of the University's faculty members and one former member of the Board of Trustees who have recently died are being 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.

Carlton S. Dargusch

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on August 20, 1984, of Brigadier General Carlton S. Dargusch, former member of the Board of Trustees.

Carlton S. Dargusch was born August 19, 1900, in Batavia, New York. He attended Indiana University from 1921-22 and The Ohio State University from 1922-25.

September 7, 1984 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Carlton S. Dargusch (contd)

General Dargusch began his career as a legislative draftsman for the Ohio General Assembly in 1925, served as an attorney for the Tax Commission of Ohio and then as Tax Commissioner of Ohio from 1933-37. He engaged in the private practice of law, specializing in public finance, taxation, legislative drafting, administrative and corporate law in Columbus, Ohio. He was a managing partner in the law firm of Dargusch, Caren, Greek and King.

He entered active duty as a Lieutenant Colonel in the Judge Advocate Generals Department, U. S. Army in 1940; served as deputy director of the Selective Service System from 1940-47; was promoted to Colonel in 1942 and Brigadier General in 1946. That same year he was awarded the Distinguished Service Medal.

General Dargusch was a member of The Ohio State University Board of Trustees from 1938 until 1959, and from 1963 until 1965; his appointments were made by three different governors. He served as chairman in 1944, 1951 and 1958.

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 a sincere expression of the Board's realization of the loss which the family and The Ohio State University have sustained.

Hamilton Gray

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on July 11, 1984 of Hamilton Gray, Professor Emeritus in the Department of Civil Engineering, College of Engineering.

Dr. Gray was born July 26, 1910, in Gardiner, Maine. He completed his B.A. in Mathematics in 1933 at Harvard University, his M.S. in Civil Engineering in 1934 at the Harvard Graduate School of Engineering and his Sc.D. in Soil Mechanics in 1938 at the Harvard Graduate School of Engineering.

Dr. Gray served as Assistant in the Civil Engineering Department, Harvard University, 1934-36; as Assistant Professor in the Civil Engineering Department, New York University, 1940-45; and as Professor in the Civil Engineering Department, University of Maine, 1945-55, where he also served as Head Soil Engineer for the Maine Highway Commission.

In 1955, Dr. Gray was appointed Professor and Chairman of the Civil Engineering Department at The Ohio State University where he served as Chairman until 1971 at which time he returned full time to teaching and research until his retirement. In addition to administrative duties he performed research in, and also taught basic and graduate courses in, Soil Mechanics, Foundation Analysis and Design, Soil Stabilization, Seepage in Permeable Materials, and Soil-Structure Interaction. He was active in engineering professionalism and

September 7, 1984 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Hamilton Gray (contd)

was registered as a Professional Engineer in New York, Maine and Ohio. Throughout his career he served as an engineering consultant on foundation and soil problems in Ohio, New York and Maine.

His professional organizations included: Fellow, American Society of Civil Engineers; Associate, Highway Research Board; Member, American Society for Testing Materials; Member, Sigma Xi; Member, Chi Epsilon; Member, Tau Beta Pi; and Member, Phi Kappa Phi. Dr. Gray retired from the Department of Civil Engineering in June 1976.

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 in 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 and The Ohio State University have sustained.

William E. Hurley

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on July 31, 1984 of William E. Hurley, Professor Emeritus in the Academic Faculty of Management and Human Resources, College of Administrative Science.

Dr. Hurley was born June 1, 1919. He received the B.S. degree in 1949 and the M.B.A. degree in 1950 from The Ohio State University. He was awarded the D.B.A. degree in 1959 from Indiana University.

Prior to joining The Ohio State University, Dr. Hurley served on the faculties of West Virginia University, Indiana University and Pennsylvania State University. In 1952, he became an Instructor in Business Organization at The Ohio State University. Dr. Hurley joined The Ohio State University Defense Management Center at Wright-Patterson Air Force Base in 1959 as a Research Associate. He became Chairman of the Department of Management in 1960, Assistant Director in 1961, and Associate Director and Adjunct Associate Professor of Business Organization in 1963. In 1966 Dr. Hurley became Director of the Center.

In February of 1966 Dr. Hurley was appointed Director of Management Programs in the Continuing Education Division of the then College of Commerce and Administration. In 1967 he was named Assistant Dean and Director of Continuing Education, and in 1968 he became Associate Dean, serving in that position until he returned to full-time teaching in 1976. Dr. Hurley was promoted to Professor on July 1, 1967. Upon his retirement from the College July 1, 1982, he was granted the title of Professor Emeritus.

September 7, 1984 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

William E. Hurley (contd)

Dr. Hurley administered Continuing Education programs for the Department of Defense, the U. S. Air Force, the U. S. Navy and N.A.S.A. He was a member of the Board of Trustees of the Griffith Foundation for Insurance Education and a member of Beta Gamma Sigma Fraternity.

On behalf of the University community, the Board of Trustees expresses to the family of Dr. William E. Hurley its deepest sympathy. 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 sincere appreciation of the Board's realization of the loss that the family, the University and his many friends and associates have sustained.

Herman J. Peters

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on July 22, 1984 of Herman J. Peters, Professor Emeritus in the College of Education.

Born in Cuyahoga Falls, Ohio, Dr. Peters received the B.S. in Education degree from Kent State University in 1937 and the M.A. and Ph.D. from Purdue University in 1948 and 1950.

Dr. Peters joined The Ohio State University faculty in 1954. Prior to that, he was Associate Professor of Guidance Education and Coordinator of the College of Mental Health's clientele at California State College, Chico.

He was president of the Association of Counselor Education and Supervision from 1959-60 and was a past president also of the Central Ohio Guidance Association, a chapter of the American Personnel and Guidance Association (APGA).

Dr. Peters was the author of numerous published articles on guidance and the author, co-author or co-editor of some twelve books.

Professor Peters participated in and directed numerous guidance institutes and had five major research projects sponsored through the U. S. Office of Education.

He was acting chairman of the Academic Faculty of Special Services in 1974-75 and in the same year revised Ohio State's Guidance Graduate Program. He was a participant in the Undergraduate College Adjustment-Career Development Programs from 1972-77.

A veteran of World War II, Dr. Peters served in the U. S. Air Force from 1942-46, achieving the rank of Captain. He became a Lieutenant Colonel in the Air Force Reserve in 1961.

September 7, 1984 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Herman J. Peters (contd)

On behalf of the University, the Board of Trustees expresses to the family its deepest 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.

Frances W. Quantius

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on August 1, 1984 of Frances W. Quantius, Professor Emeritus in the Department of Economics.

Frances Quantius was born on July 21, 1915 in Milwaukee, Wisconsin. She earned her B.A. degree in economics from the University of Wisconsin in 1937, her M.S. in 1938 and Ph.D. in 1943 in economics from the University of Wisconsin. She specialized in money and banking and joined the Department of Economics at Ohio State University as an Instructor in 1942, becoming Assistant Professor in 1946, Associate Professor in 1954 and Professor in 1963. She was a member of Beta Gamma Sigma, Phi Alpha Kappa and Omicron Delta Epsilon Honoraries and the American Economics Association, American Finance Association and the OSU Faculty Club. She is listed in Who's Who of American Women and American Men of Science, Who's Who in the U. S. and the 1975-76 Bicentennial Memorial Addition of Community Leaders and Noteworthy Americans. She retired and became Professor Emeritus July 1, 1984.

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.

Robert E. Wade

The Board of Trustees of The Ohio State University expresses its sorrow at the death on July 12, 1984 of Dr. Robert E. Wade, Associate Professor Emeritus in the College of Dentistry.

Dr. Wade received his D.D.S. degree from The Ohio State University in 1929.

Dr. Wade was a member of the faculty of the College of Dentistry from 1930 until 1976 when he retired. He also maintained a very successful private practice. He was Chairman of the Section of Orthodontics from 1958-60. At that time he resigned as Chairman but continued teaching in the College of Dentistry.

September 7, 1984 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Robert E. Wade (contd)

Dr. Wade was a member of the Columbus Dental Society, American Dental Association, Great Lakes Society of Orthodontists, American College of Dentists, and a Diplomate of the American Board of Orthodontics. He has written numerous articles in recognized dental journals.

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.

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

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

Resolution No. 85-17

Synopsis: The reports on contracts, grants, and gifts and the summaries for June and July, 1984 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, and The Ohio State University Development Fund during the months of June and July, 1984, be approved.

Upon motion of Mr. Berry, seconded by Mr. Havens, the foregoing resolution was adopted by the Board of Trustees by unanimous voice vote.

September 7, 1984 meeting, Board of Trustees

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

SUMMARY FOR JUNE 1984

Source	No. of Projects	Support Level
The Ohio State University Research Foundation	158	\$10,391,117.67
Engineering Experiment Station	31	\$ 238,787.00
		\$10,629,904.67

The Ohio State University Development Fund

Establishment of Named Funds

Ohio Eminent Scholar in Experimental Physical Chemistry (Provide salary and program support for an outstanding scholar-leader in chemistry)		\$ 500,000.00 (Designated General Assembly of Ohio) \$ 500,000.00 (University Funds)
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Elston Foundation Fund (Study/research of Hodgkins Disease)		\$ 437,969.57
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The Noel F. George Chair in Law Fund (Provide salary and program support for scholar, researcher and teacher in Law)		\$ 50,000.00
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ETA KAPPA NU - Fred H. Pumphrey Dis- tinguished Teacher Award in Electrical Engineering (Annual award to a faculty member in the Department of Electrical Engineer- ing)		\$ 5,000.00
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Franz Theodore Stone Laboratory Visiting Professorship Fund (Provide visiting professorships at the Franz Theodore Stone Laboratory)		\$ 5,000.00
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Change of Name and Description of Named Fund

From: The Lee D. Moody Scholarship Fund
To: Lee D. Moody Scholarship Loan Fund

September 7, 1984 meeting, Board of Trustees

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

SUMMARY FOR JUNE 1984 (contd)

The Ohio State University Development Fund (contd)

Report from Presidents Club

Members to date	4,661
1983-84 members: fiscal year to date	110
New members - June 1984	7

New Presidents Club Members - June 1984

Edgar W. McCauley*	David B. Steiner
Bernard B. Megaffin*	Richard E. Teichert
Barbara Snyder	Alfred N. Watson*
(Mrs. Bernard S.)	Gerald C. Wojta (Roxane)*

*Enrolled under new requirements - \$2,000 annual gift

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (cont'd)

July through June
1982/1983 compared to 1983/84

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

CONTRIBUTIONS BY SOURCE

	Donors			Dollars		
	July through June 82-83	83-84	% Change	July through June 82-83	83-84	% Change
Alumni	40,021	43,560	9	\$ 7,822,756	\$ 8,074,870	3
Non-Alumni	27,854	22,155	(20)	4,436,882	6,381,103	44
Corporations	1,700	1,807	6	4,640,617	5,718,054	23
Corporate/Foundations	238	256	8	1,353,396	1,786,124	32
Private Foundations	130	137	5	711,287	1,084,750	53
Other	689	790	15	1,159,738	1,147,388	(1)
Total	70,632	68,705	(3)	\$20,124,676	\$24,192,289	20

CONTRIBUTIONS BY TYPE

	July-June 82-83	July-June 83-84	% Change
Designated	\$16,556,648	\$20,962,902	27
Undesignated	1,352,051	1,653,752	22
Gifts-In-Kind	2,215,977	1,575,635	(29)
Total	\$20,124,676	\$24,192,289	20
Gifts (# of)	97,050	92,494	(5)

September 7, 1984 meeting, Board of Trustees

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

FOURTH QUARTER SUMMARY

April 1, 1984 through June 30, 1984

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Sponsor	No. of Awards	Amount of Support
FEDERAL		
National Aeronautics and Space Administration	10	\$ 911,782.00
National Science Foundation	44	3,246,104.00
Department of Defense	14	810,934.00
Department of Energy	8	709,438.00
Department of Education	14	1,976,873.00
Department of Health and Human Services	54	4,522,581.00
Other Federal	25	1,630,535.00
TOTAL - FEDERAL	169	\$13,808,247.00
STATE OF OHIO	22	587,616.95
INDUSTRIAL	39	1,376,917.00
OTHER NON-FEDERAL	90	2,631,031.86
GRAND TOTAL	320	\$18,403,812.81

ENGINEERING EXPERIMENT STATION

Sponsor	No. of Awards	Amount of Support
STATE	1	\$ 56,081.00
INDUSTRIAL AND OTHER	102	588,351.00
TOTAL	103	\$ 644,432.00

September 7, 1984 meeting, Board of Trustees

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

SUMMARY FOR JULY 1984

Source	No. of Projects	Support Level
The Ohio State University Research Foundation	107	\$9,762,471.00
Engineering Experiment Station	26	\$ 163,965.00
		\$9,926,436.00
The Ohio State University Development Fund		
Establishment of Named Funds		
James Weldon Jones Scholarship Fund (Scholarships)		\$ 50,000.00
Veterinary Toxicology Support Fund (Enrich veterinary toxicology programs within the College of Veterinary Medicine)		\$ 19,643.79
Walter H. Pomerene Scholarship Fund (Scholarships for medical students)		\$ 10,000.00
William E. Drenten Memorial Service and Scholarship Award (Scholarship award to the student who has made the greatest contribu- tion to the Broadcast News Center)		\$ 5,808.50
Walter L. Chambers Scholarship Fund (Graduate student in the Master of Landscape Architecture program)		\$ 5,575.00
Eldis O. Reed - Society of Women Engineers Memorial Scholarship Fund (Awarded to a woman engineering student who exemplifies leadership and dedication to the Society of Women Engineers)		\$ 5,320.00
C. C. Allison Fund in Plant Pathology (Scholarships in the Department of Plant Pathology)		\$ 5,000.00

September 7, 1984 meeting, Board of Trustees

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

SUMMARY FOR JULY 1984 (contd)

The Ohio State University Development Fund (contd)

Establishment of Named Funds (contd)

Woody Hayes and Archie Griffin Scholar-
ship Fund
(Scholarship assistance to out-of-
state freshmen) \$ 5,000.00

Change in Name of Fund

From: Jack E. and Nan L. Lampton Scholarship Fund
To: John E. (Jack) and Nan L. Lampton Scholarship Fund

Change of Name and Description of Named Fund

From: Harry and Carl Sonkin Memorial Award for
Peace and International Understanding
To: Harry and Carl Sonkin Memorial Award for
International Understanding and Peace

Change in Description of Named Funds

The Arthur J. Hoffmann Memorial Educational Fund
Walter W. Seifert Award
The C. B. and Ardis H. Stewart Scholarship Fund

Report from Presidents Club

Members to date	4,667
1984-85 members: fiscal year to date	6
New members - July 1984	6

New Presidents Club Members - July 1984

Richard M. Adams*	Marsha H. Hodson
(H. J. Heinz U.S.A.)	Patrick J. Morin*
Larry E. Anderson*	John E. Rudolph+
Al Friedman*	(Beatrice Foods)

*Enrolled under new requirements - \$2,000 annual gift

+Enrolled under corporate memberships

September 7, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Report - June 1984

Federal Research Contracts/Grants

\$560,000.00 - National Science Foundation, Washington, D. C., Ohio State University Materials Research Laboratory, Materials Research Laboratory (J. C. Garland), 1 July 1984 through 30 June 1985. (Project 764144 - New)

\$400,000.00 - International Development Cooperative Agency, Agency for International Development, Washington, D. C., Cooperative Agreement between The Ohio State University and U. S. Agency for International Development for the Improvement of Savings and Credit Services by Rural Financial Institutions in Lesser-Developed Countries, Department of Agricultural Economics and Rural Sociology (D. H. Graham and B. L. Erven), 24 September 1982 through 23 September 1985. (Project 763301 - Continuation)

\$330,000.00 - National Science Foundation, Washington, D. C., Nuclear Physics at Low and Intermediate Energies, Including Investigations of Fundamental Symmetries and Nuclear Astrophysics, Department of Physics (R. N. Boyd, T. R. Donoghue, S. L. Blatt, H. J. Hausman and E. R. Sugarbaker), 1 May 1984 through 30 April 1985. (Project 763126 - Continuation)

\$256,650.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Transmural Transport in Blood Vessels, Department of Pathology (D. L. Fry), 1 July 1984 through 30 June 1985. (Project 763184 - Continuation)

\$184,464.00 - Department of Health and Human Services, Public Health Service, Health Resources and Services Administration, Rockville, Maryland, Residency Training in the General Practice of Dentistry, College of Dentistry - Community Dentistry (L. P. DiOrio), 1 July 1984 through 30 June 1985. (Project 764180 - New)

\$165,028.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Unsaturated Polyolefins and Hydrocarbon Carcinogenesis, Department of Chemistry (L. A. Paquette), 1 June 1984 through 31 May 1985. (Project 763284 - Continuation)

\$153,551.00 - International Development Cooperative Agency, Agency for International Development, Washington, D. C., Control of Ticks and Tick-Transmitted Diseases by Vaccination of the Host, Department of Veterinary Pathobiology (O. O. Barriga), Department of Microbiology (M. T. Muller) and Department of Entomology (G. R. Needham), 31 May 1984 through 31 May 1987. (Project 764162 - New)

September 7, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$150,000.00 - Department of the Interior, Bureau of Mines, Washington, D. C., Mining and Mineral Resources Research Institute Annual Allotment, College of Engineering - Mining Engineering (C. J. Konya), 1 July 1984 through 30 June 1985. (Project 764176 - Continuation)

\$145,969.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Vasoactive Intestinal Peptide in Diagnosis of Leukemia, Department of Medicine (M. S. O'Doriso), 1 July 1984 through 30 June 1985. (Project 762499 - Continuation)

\$142,297.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Synthetic Elaboration of Polyquinane Natural Products, Department of Chemistry (L. A. Paquette), 1 July 1984 through 30 June 1985. (Project 762298 - Continuation)

\$135,670.00 - Environmental Protection Agency, Washington, D. C., Co-Carcinogenesis Studies with Epstein-Barr Virus, Department of Medical Microbiology and Immunology (M. R. Glaser) and Cancer Research Center (L. D. Tomei), 1 July 1984 through 30 June 1986. (Project 764169 - New)

\$132,683.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., Immune Dysfunctions and Abrogation of the Inflammatory Response by Environmental Chemicals, Department of Veterinary Pathobiology (R. G. Olsen and M. Tarr), 1 July 1983 through 30 June 1985. (Project 763614 - Continuation)

\$132,108.00 - Department of Education, Office of Special Education and Rehabilitation Services Administration, Chicago, Illinois, Training Grant in Physical Medicine and Rehabilitation, Department of Physical Medicine (E. W. Johnson), 1 July 1984 through 30 June 1985. (Project 760750 - Continuation)

\$124,850.00 - Department of Energy, Argonne, Illinois, Geochemistry of Small Tundra Drainage Basins in Response to Active Layer Disturbance, Institute of Polar Studies and Department of Agronomy (K. R. Everett), 1 July 1984 through 31 December 1985. (Project 764231 - New)

\$123,990.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Prostaglandin Control of Macrophage Antitumor Activity, Department of Microbiology (B. S. Zwillig), 1 June 1984 through 31 May 1985. (Project 763192 - Continuation)

September 7, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$119,713.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Fertility and Poverty: Data from a Large Experiment, Department of Economics (R. J. Olsen), 1 July 1984 through 30 June 1985. (Project 764213 - New)

\$117,898.00 - Department of Agriculture, Cooperative State Research Service, Washington, D. C., Characterization and Epizootiology of Serotype II Infectious Bursal Disease Virus in Chickens, Food Animal Health Research Program - OARDC (Y. M. Saif and P. D. Moorhead), 15 September 1984 through 30 September 1987. (Project 764233 - New)

\$110,684.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Androgens and Estrogens in Insects, Department of Entomology (D. L. Denlinger) and College of Pharmacy (R. W. Brueggemeier), 1 July 1984 through 30 June 1985. (Project 764185 - New)

\$107,582.00 - Department of Health and Human Services, Public Health Service, Health Resources and Services Administration, Rockville, Maryland, Aerobic Training Effects on Women with Breast Cancer, College of Nursing (M. G. Macvicar), Department of Health, Physical Education and Recreation (R. L. Bartels) and Department of Statistics (J. P. Klein), 1 July 1984 through 30 June 1985. (Project 764204 - New)

\$107,162.00 - Department of Health and Human Services, Public Health Service, Health Resources and Services Administration, Rockville, Maryland, Grant for Faculty Development in Family Medicine, Department of Family Medicine (L. L. Gabel), 1 July 1984 through 30 June 1985. (Project 764220 - New)

\$107,081.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Effector Mechanisms in Allergic Encephalomyelitis, Department of Medicine (C. C. Whitacre) and Department of Pathology (A. J. Yates), 1 July 1984 through 30 June 1985. (Project 763206 - Continuation)

\$106,572.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Dual Regulation of Human B Cell Colony Responses by CRP, Department of Medicine (R. L. Whisler) and Department of Microbiology (R. F. Mortensen), 1 July 1984 through 30 June 1985. (Project 764226 - New)

September 7, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$103,211.82 - International Development Cooperative Agency, Agency for International Development, Washington, D. C., Matching Formula Title XII University Strengthening Grants, International Programs in Agriculture (R. D. Fortner), 1 September 1984 through 31 August 1985. (Project 761863 - Continuation)

\$102,806.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Genotoxicity in Human Fetal, Brain, Dermis, and Kidney, Departments of Radiology and Pharmacology (S. M. D'Ambrosio) and Department of Radiology (A. Wani), 1 June 1984 through 31 May 1985. (Project 763673 - Continuation)

\$100,807.00 - Department of Education, Office of Bilingual Education and Minority Language Affairs, Washington, D. C., Training Project for Teachers of Indochinese Children, Leading to an M.A. in Education with a Specialty in Bilingual/Multicultural Education, Department of Educational Theory and Practice (V. G. Allen), 1 September 1984 through 31 August 1985. (Project 763792 - Continuation)

\$100,000.00 - Department of the Air Force, Air Force Systems Command, Bolling Air Force Base, D. C., Distributed Knowledge Base Systems for Diagnosis and Information Retrieval, Department of Computer and Information Science (B. Chandrasekaran), 30 June 1984 through 29 June 1985. (Project 763180 - Continuation)

\$99,950.00 - Department of Energy, Argonne, Illinois, In situ High Temperature Oxidation Studies, Department of Metallurgical Engineering (R. A. Rapp), 1 July 1984 through 30 June 1985. (Project 764227 - New)

\$96,988.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Amphetamine, Monoamines and Behavior, College of Pharmacy (N. J. Uretsky), 1 July 1984 through 30 June 1985. (Project 761210 - Continuation)

\$94,230.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Preclinical Pharmacology Studies with Aphidicolin Glycinate (NSC 303812), College of Pharmacy (L. Malspeis), 30 June 1984 through 29 June 1985. (Project 763438 - Continuation)

September 7, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$91,742.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Chymotrypsin Deacylation - An In-Depth Study, Department of Chemistry (M. H. Klapper), 1 July 1984 through 30 June 1985. (Project 763200 - Continuation)

\$90,034.00 - Department of the Air Force, Air Force Systems Command, Bolling Air Force Base, D. C., Fatigue Crack Propagation: Probabilistic Modeling and Statistical Analysis, Department of Statistics (P. K. Goel), 1 July 1984 through 30 June 1985. (Project 764222 - New)

\$89,861.00 - Department of Energy, Golden, Colorado, Surface Influences and Zone Boundary Processes in Solar Ponds, Department of Physics (C. E. Nielsen), 15 June 1984 through 14 June 1985. (Project 764205 - New)

\$85,098.00 - Environmental Protection Agency, Washington, D. C., Promotion of Carcinogenesis: Role of Aberrant tRNA Modification, Cancer Research Center and Department of Physiological Chemistry (R. W. Trewyn), 1 July 1984 through 30 June 1986. (Project 764159 - New)

\$84,565.00 - Department of the Air Force, Air Force Systems Command, Bolling Air Force Base, D. C., Development of an in Vivo Assay for Mistranslation - Inducing Activity of Pollutants and Characterization of Amino Acid Substitution, Department of Microbiology (J. N. Reeve), 1 August 1984 through 31 July 1985. (Project 762592 - Continuation)

\$83,313.00 - Department of Health and Human Services, Public Health Service, Health Resources and Services Administration, Rockville, Maryland, Professional Nurse Traineeship Program, College of Nursing (G. M. Sills), 1 July 1984 through 30 June 1985. (Project 760803 - Continuation)

\$82,568.00 - Department of the Army, U. S. Army Medical Research and Development Command, Frederick, Maryland, Prophylactics and Antidotes against Acetylcholinesterase Inhibition by Nerve Gases, College of Pharmacy (D. T. Witiak), 1 June 1984 through 30 November 1984. (Project 764143 - New)

\$81,490.00 - National Science Foundation, Washington, D. C., Dynamics and Control of Kinematically Redundant Robotic and Biological Systems, Department of Mechanical Engineering (N. Berhe) and Department of Electrical Engineering (C. A. Klein, S. Koozekanani and R. B. McGhee), 1 July 1984 through 30 June 1985. (Project 763208 - Continuation)

September 7, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$80,780.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Effects of Antimitotic Drugs on CNS Regeneration, Department of Anatomy (R. W. Burry), 1 July 1984 through 30 June 1985. (Project 763707 - Continuation)

\$80,000.00 - National Foundation of Arts and Humanities, National Endowment for the Humanities, Washington, D. C., An Edition of the Records of Early English Drama, Department of English (S. J. Kahrl), 1 June 1984 through 31 May 1986. (Project 764157 - New)

\$76,087.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Human Thrombin: Binding and Recognition Sites, Department of Chemistry (L. J. Berliner), 1 July 1984 through 30 June 1985. (Project 761742 - Continuation)

\$73,999.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Energetics of Calcium Cycling during Muscle Contraction, Department of Physiology (J. A. Rall), 1 July 1984 through 30 June 1985. (Project 760993 - Continuation)

\$72,558.00 - National Science Foundation, Washington, D. C., Environment and Climate of the American Equator Since 18K, Department of Zoology (P. A. Colinvaux), 1 July 1984 through 30 June 1985. (Project 763164 - Continuation)

\$71,790.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Studies on the Dextran Sucrase of Streptococcus Sanguis, Department of Chemistry (R. M. Mayer), 1 July 1984 through 30 June 1985. (Project 760160 - Continuation)

\$71,600.00 - National Science Foundation, Washington, D. C., Systematics and Biostratigraphy of Mid-Silurian Conodonts in the North American Midcontinent Region, Department of Geology and Mineralogy (W. C. Sweet), 1 July 1984 through 30 June 1986. (Project 764165 - New)

\$71,444.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Stereochemistry of Enzyme Reactions to Phosphorus, Department of Chemistry (M. D. Tsai), 1 July 1984 through 30 June 1985. (Project 762722 - Continuation)

September 7, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$70,000.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, Analysis of Advanced Transonic Airfoils, Department of Aeronautical and Astronautical Engineering (J. D. Lee), 1 June 1984 through 31 January 1985. (Project 764167 - New)

\$67,996.00 - Department of Health and Human Services, Public Health Service, Health Resources and Services Administration, Rockville, Maryland, Grants for Preventive Medicine Training, Department of Preventive Medicine (M. D. Keller), 1 October 1984 through 30 September 1985. (Project 763838 - Continuation)

\$67,000.00 - Department of Energy, Argonne, Illinois, Characterization of the Organization of the Genome of Methanogens and Development of Genetic Exchange Systems for Methanococcus vannielii, Department of Microbiology (J. N. Reeve and J. I. Frea), 1 July 1984 through 30 June 1985. (Project 762755 - Continuation)

\$65,992.00 - Department of Energy, Argonne, Illinois, Generation of Microporosity in Steel Welds and its Role in Hydrogen Attack, Department of Metallurgical Engineering (P. G. Shewmon), 1 June 1984 through 31 May 1985. (Project 764146 - New)

\$62,976.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, A Study of the Rhythm of Spoken Language, Department of Communication (R. A. Fox), 1 July 1984 through 30 June 1985. (Project 764201 - New)

\$62,500.00 - National Science Foundation, Washington, D. C., Presidential Young Investigator Award, Department of Metallurgical Engineering (R. H. Wagoner), 1 July 1984 through 30 June 1985. (Project 764071 - New)

\$60,000.00 - National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland, Intercomparison of Different Space Geodetic Measurement and Computational Data, Department of Geodetic Science and Surveying (I. I. Mueller), 1 July 1984 through 30 June 1985. (Project 761054 - Continuation)

\$57,591.00 - National Science Foundation, Washington, D. C., Glacial Geology and Pedology of the Reedy Glacier-Harold Byrd Mountains Area, Institute of Polar Studies (J. H. Mercer), 1 July 1984 through 30 June 1985. (Project 763363 - Continuation)

September 7, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$55,519.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Preclinical Pharmacology Studies with Thibarbituric Acid Derivative (NSC 336628D), College of Pharmacy (L. Malspeis), 30 June 1984 through 29 June 1985. (Project 763438 - Continuation)

\$55,211.00 - Environmental Protection Agency, Washington, D. C., Legionella pneumophila Differences in Strain Virulence, Department of Medicine (J. F. Plouffe and M. F. Para), 8 August 1983 through 7 August 1985. (Project 763790 - Continuation)

\$52,572.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Pathobiology of Latent Lymphomagenic Feline Retroviruses, Department of Veterinary Pathobiology (J. L. Rojko), 1 August 1983 through 31 January 1985. (Project 763747 - Continuation)

\$50,685.00 - National Science Foundation, Washington, D. C., Laboratory Analysis of Cenozoic Microfossil Assemblages from the Glacigene Sirius Formation: Implications for Interpretation of Ice Volume Variations on East Antarctica, Institute of Polar Studies and Department of Geology and Mineralogy (P. N. Webb), 15 June 1984 through 31 May 1985. (Project 764184 - New)

\$50,663.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Ontogeny and Plasticity of Identified Spinal Systems, Department of Anatomy (R. H. Ho), 1 July 1984 through 30 June 1985. (Project 763196 - Continuation)

\$47,003.00 - Department of the Army, Corps of Engineers, Vicksburg, Mississippi, Development of a Theoretical Model for Ported Coaxial Cable Embedded at a Uniform Depth in a Lossy Half-Space, Department of Electrical Engineering, ElectroScience Laboratory (D. Svoboda), 1 July 1984 through 31 December 1984. (Project 763766 - Continuation)

\$46,300.00 - National Science Foundation, Washington, D. C., Upgrading EDXR (Energy-Dispersive X-ray) Analysis System, CMPS (College of Mathematical and Physical Sciences) Laboratory for Scanning Electron Microscopy, Department of Geology and Mineralogy (W. C. Sweet), 1 July 1984 through 30 June 1985. (Project 764158 - New)

September 7, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$45,810.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Biomedical Computing and Information Processing, College of Medicine - Administration (G. L. Trzebiatowski) and Department of Computer and Information Science (A. E. Petrarca), 1 July 1984 through 30 June 1985. (Project 761133 - Continuation)

\$43,000.00 - National Foundation of Arts and Humanities, National Endowment for the Humanities, Washington, D. C., Index and Corpus of Old English Glossaries, Department of English (A. K. Brown), 1 July 1984 through 30 June 1985. (Project 764191 - New)

\$42,755.00 - National Science Foundation, Washington, D. C., Prediction and Measurement of Loaded Transmission Errors of Gears Which Includes the Effects of Surface Topography, Department of Mechanical Engineering (D. R. Houser), 1 July 1984 through 30 June 1985. (Project 764192 - New)

\$40,000.00 - Department of Education, Office of Postsecondary Education, Washington, D. C., OSU-Purdue Russian Language Program at the Pushkin Institute in Moscow, Early Semester, Late Semester and 10-Month Programs, Department of Slavic and East European Languages and Literatures (L. I. Twarog), 1 August 1984 through 31 July 1985. (Project 764174 - New)

\$40,000.00 - Department of the Air Force, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio, Transition-Region Heat Transfer and Rough Surface Effects on Turbo-Machine Flow Problems, Department of Mechanical Engineering (L. S. Han), 1 January 1984 through 28 December 1984. (Project 763057 - Continuation)

\$39,080.00 - National Science Foundation, Washington, D. C., Relativistic Optical Model at Intermediate Energies, Department of Physics (B. C. Clark), 1 July 1984 through 30 June 1985. (Project 763671 - Continuation)

\$36,998.00 - National Science Foundation, Washington, D. C., Comparative Motile Cell Ultrastructure and Phylogeny in the Green Algal Class Ulvophyceae, Department of Botany (G. L. Floyd), 1 July 1984 through 30 June 1985. (Project 763669 - Continuation)

\$35,515.00 - National Science Foundation, Washington, D. C., A Multiple Collector Mass Spectrometer and Microcomputer-Based Data Acquisition and Control System for Experimental Reaction Engineering and Separations Research, Department of Chemical Engineering (K. S. Knaebel), 1 July 1984 through 30 June 1985. (Project 764153 - New)

September 7, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$34,000.00 - National Aeronautics and Space Administration, Washington, D. C., The Role of Gravity in Apical Dominance, Department of Botany (M. G. Cline), 1 April 1984 through 31 March 1985. (Project 764141 - New)

\$31,900.00 - National Science Foundation, Washington, D. C., Complex Analogs of Convexity in Normed Spaces, Department of Mathematics (G. Edgar), 1 July 1984 through 30 June 1986. (Project 764182 - New)

\$28,400.00 - National Science Foundation, Washington, D. C., Geometric Topology, Department of Mathematics (M. W. Davis), 1 July 1984 through 30 June 1986. (Project 764197 - New)

\$25,400.00 - National Science Foundation, Washington, D. C., Combinatorics and Formal Systems, Department of Mathematics (T. Carlson), 1 July 1984 through 30 June 1986. (Project 764234 - New)

\$25,000.00 - National Science Foundation, Washington, D. C., Investigations into the Necessary Use of Abstract Set Theory and Constructive Aspects of Algebra, Department of Mathematics (H. M. Friedman), 1 July 1984 through 30 June 1985. (Project 762750 - Continuation)

\$24,800.00 - National Science Foundation, Washington, D. C., The Arithmetic of Modular Curves, Department of Mathematics (S. Kamienny), 1 July 1984 through 30 June 1986. (Project 764193 - New)

\$21,856.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, General Clinical Research Center - Clinical Associate Physician, College of Medicine - Administration (M. Tzagournis) and Department of Medicine (W. B. Malarkey and R. D. Jackson), 1 July 1984 through 30 November 1984. (Project 761196 - Continuation)

\$17,040.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Monocyte-Macrophage Modulation Using Liposomes, Department of Medicine (J. J. Rinehart and M. A. Leyko), 1 July 1984 through 30 June 1985. (Project 764179 - New)

\$15,600.00 - National Science Foundation, Washington, D. C., Group Travel to Yamada Conference on Dislocations in Solids, in Tokyo, Japan on August 27-31, 1984, Department of Metallurgical Engineering (R. H. Wagoner and J. P. Hirth), 1 June 1984 through 30 November 1984. (Project 764170 - New)

September 7, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$12,290.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Phase I Studies of New Anticancer Agents, Cancer Research Center (J. A. Neidhart), 1 April 1982 through 1 July 1985. (Project 763077 - Continuation)

\$8,021.00 - Department of the Air Force, U. S. Air Force Europe, Army Post Office, New York, New York, Foreign Language Workshop, Department of Educational Theory and Practice (E. D. Allen and V. G. Allen), 1 June 1984 through 31 August 1984. (Project 764203 - New)

\$8,000.00 - Department of Commerce, National Oceanic and Atmospheric Administration, Rockville, Maryland, Climate and Recreation Guides for Western and Central Lake Erie, Center for Lake Erie Area Research (C. E. Herdendorf), 1 June 1984 through 31 May 1985. (Project 762833 - New)

\$7,560.00 - Department of Health and Human Services, Public Health Service, Health Resources and Services Administration, Rockville, Maryland, Nurse Anesthetist Traineeship Grant, School of Allied Medical Professions (W. R. Waugarnan), 1 July 1984 through 30 June 1985. (Project 764173 - New)

\$6,250.00 - National Foundation of Arts and Humanities, National Endowment for the Arts, Washington, D. C., New Music: OSU Hosts Nineteenth Annual ASUC Festival-Conference, School of Music (G. M. Proctor), 1 March 1984 through 30 June 1984. (Project 764152 - New)

\$5,800.00 - National Science Foundation, Washington, D. C., Systematic Studies in Ceratophyllum, Department of Botany (D. J. Crawford and D. H. Les), 1 July 1984 through 30 June 1986. (Project 764177 - New)

\$3,454.18 - International Development Cooperative Agency, Agency for International Development, Washington, D. C., Matching Formula Title XII University Strengthening Grant - International Programs in Agriculture, International Programs in Agriculture (R. D. Fortner), 1 September 1983 through 31 August 1984. (Project 761863 - Continuation)

TOTAL - FEDERAL AWARDS

\$7,369,411.00

September 7, 1984 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

\$279,130.06 - State of Ohio, Department of Education, Columbus, Ohio, Ohio Occupational Employment Statistics Projections, Academic Faculty of Labor Education and Research Service (H. R. Blaine), 1 July 1984 through 30 June 1985. (Project 764223 - Continuation)

\$61,810.00 - State of Ohio, Department of Education, Columbus, Ohio, Ohio Education Deans' Task Force Project, Department of Human Services Education (T. M. Stephens), 1 July 1984 through 30 June 1985. (Project 764196 - Continuation)

\$36,094.89 - State of Ohio, Department of Education, Columbus, Ohio, Martin Essex School for the Gifted, Department of Human Services Education (R. H. Swassing), 1 April 1984 through 31 March 1985. (Project 764154 - Continuation)

\$20,343.00 - State of Ohio, Department of Education, Columbus, Ohio, Community Energy Outreach Program, Cooperative Extension Service State Operations (C. W. Young and P. R. Thomas), 5 June 1984 through 4 June 1985. (Project 764145 - New)

\$16,170.00 - State of Ohio, Department of Mental Health, Columbus, Ohio, Graduate Training Program in Social Work, College of Social Work (M. T. Taris), 1 July 1984 through 30 June 1985. (Project 762864 - Continuation)

\$7,125.00 - State of Ohio, The Ohio Humanities Council, Columbus, Ohio, New Music: OSU Hosts Nineteenth Annual American Society of University Composers Festival-Conference, School of Music (G. M. Proctor and T. Wells), 20 February 1984 through 31 May 1985. (Project 763998 - Continuation)

\$6,375.00 - State of Ohio, Department of Education, Columbus, Ohio, Heads of Teacher Education, Department of Human Services Education (S. McCormick), 1 July 1984 through 30 June 1985. (Project 764172 - Continuation)

\$3,564.00 - State of Ohio, Department of Mental Retardation, Columbus, Ohio, Deinstitutionalization Task Force Implementation, Nisonger Center for Mental Retardation (M. J. Guralnick), 1 December 1983 through 30 September 1984. (Project 763871 - Continuation)

TOTAL - STATE OF OHIO AWARDS

\$ 430,611.95

September 7, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial Research Contracts/Grants

\$246,598.00 - The Procter & Gamble Company, Cincinnati, Ohio, Study of Dental Caries, College of Dentistry - Oral Biology (W. A. Zacherl), 1 July 1984 through 30 June 1985. (Project 762065 - Continuation)

\$89,628.00 - J. B. Wolff and Associates, Inc., Sandusky, Ohio, Management of the Big Island Wetland, Center for Lake Erie Area Research (J. M. Reutter and C. E. Herdendorf), 1 January 1985 through 31 December 1987. (Project 764175 - New)

\$68,500.00 - Summa Medical Corporation, Inc., Albuquerque, New Mexico, Anticancer Applications of an Anti-hCG Vaccine, Department of Obstetrics and Gynecology (V. C. Stevens), 1 July 1984 through 31 December 1984. (Project 763589 - Continuation)

\$63,200.00 - Pfizer, Inc., Groton, Connecticut, Oral UK-48,340, Single-Blind Placebo Controlled Study in Normal Male Volunteers (03-1), Department of Pharmacology (N. Gerber), 1 May 1984 through 30 April 1985. (Project 764001 - Continuation)

\$62,510.00 - Adria Laboratories, Inc., Columbus, Ohio, Synthesis of Novel Anthracycline Glycosides, Department of Chemistry (D. Horton), 1 October 1984 through 30 September 1985. (Project 762866 - Continuation)

\$54,713.00 - The Procter & Gamble Company, Cincinnati, Ohio, Study of Dental Calculus, College of Dentistry - Oral Biology (W. A. Zacherl), 1 July 1984 through 30 June 1985. (Project 760029 - Continuation)

\$50,000.00 - The Procter & Gamble Company, Cincinnati, Ohio, Research in Clinical Pharmacology, Department of Pharmacology (N. Gerber), 1 July 1984 through 30 June 1985. (Project 764001 - Continuation)

\$31,060.00 - Abbott Laboratories, North Chicago, Illinois, An Evaluation of E.S. 400[®] and ERYC[®] in the Treatment of Streptococcal Pharyngitis, Department of Pharmacology (N. Gerber), 1 March 1984 through 30 June 1984. (Project 764001 - Continuation)

\$25,375.00 - Norwich-Eaton Pharmaceuticals, Inc., Norwich, New York, Acquisition of Antibiotic Resistant Enteric Bacteria by Hospital Personnel: Study of the Rectal and Urethral Flora and Acquisition of Urinary Tract Infections, Department of Medicine (C. M. Kunin), 1 April 1984 through 31 March 1985. (Project 764187 - New)

September 7, 1984 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 - Ford Aerospace and Communications Corporation, Palo Alto, California, Design of a Broadband Scan Independent Flat Frequency Selective Surface (FSS), Department of Electrical Engineering, ElectroScience Laboratory (B. A. Munk), 23 May 1984 through 30 November 1984. (Project 764235 - Continuation)

\$20,000.00 - Procter & Gamble Company, Cincinnati, Ohio, A Study of the Bioavailability of Etidronate in Normal Subjects (EP24A), Department of Pharmacology (N. Gerber), 1 November 1983 through 31 May 1984. (Project 764001 - Continuation)

\$13,239.00 - The Procter & Gamble Company, Cincinnati, Ohio, Development and Testing of Topical Antineoplastics in Propylene Glycol and Propylene Glycol Plus Penetrant Aids, Department of Surgery (E. A. Woltering), 1 July 1984 through 31 December 1984. (Project 764195 - New)

\$10,944.00 - HBJ Media Systems, Inc., Orlando, Florida, Individualized Learning Systems for Secretarial Studies Programs at Two-Year Colleges: Improving Their Content and Delivery Methods, The National Center for Research in Vocational Education (R. E. Taylor), 16 June 1984 through 15 September 1984. (Project 764161 - New)

\$9,000.00 - Owens-Illinois, Inc., Columbus, Ohio, Video Program for Job Orientation, College of Education - Administration (J. J. Buffer), 15 June 1984 through 31 August 1984. (Project 764160 - New)

\$8,120.00 - Madison County Hospital, London, Ohio, Madison County Hospital Internship Project, Department of Education Theory and Practice (J. J. Quaranta), 1 June 1984 through 30 June 1985. (Project 764171 - Continuation)

\$7,000.00 - Merck, Sharp & Dohme, West Point, Pennsylvania, The Effect of Topical Timolol on Endurance Exercise in Normal Human Adults, Department of Ophthalmology (P. A. Weber), 25 May 1984 through 2 July 1984. (Project 764230 - New)

\$5,150.00 - Shook, Hardy and Bacon, Kansas City, Missouri, Pharmacology Consultation Services, Department of Pharmacology (N. Gerber), 1 March 1984 through 30 April 1984. (Project 764001 - Continuation)

\$690.00 - CSG Corporation, Washington, D. C., Technical Assistance Project for the Microcomputer Choices Program, The National Center for Research in Vocational Education (R. E. Taylor), 1 June 1984 through 31 December 1984. (Project 763026 - Continuation)

September 7, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial Research Contracts/Grants (contd)

\$225.00 - The Upjohn Company, Kalamazoo, Michigan, Solu-Medrol in Presumptive and Definite Septic Shock Protocol, Department of Medicine (R. L. Perkins, R. J. Fass, J. L. Plouffe and M. F. Para), 1 August 1982 through 31 July 1984. (Project 763181 - Continuation)

TOTAL - INDUSTRIAL AWARDS **\$ 785,952.00**

Other Non-Federal Research Contracts/Grants

\$434,443.00 - Midwest Universities Consortium for International Activities, Inc., Champaign, Illinois, Burma Maize and Oilseeds Production Project, International Programs in Agriculture (H. D. Bauman), 22 September 1982 through 26 October 1986. (Project 763368 - Continuation)

\$243,100.00 - 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 1984 through 30 June 1985. (Project 760113 - Continuation)

\$134,621.00 - American Cancer Society, Inc., New York, New York, Synthetic Catalysts That Act on Mononucleotides, Department of Chemistry (A. W. Czarnik), 1 July 1984 through 30 June 1986. (Project 764147 - New)

\$87,200.00 - Pike County Development and Energy Management Corporation, Piketon, Ohio, Economic Feasibility of Candidate Industries for the Piketon Agribusiness Park, Department of Agriculture Economics and Rural Sociology and Cooperative Extension Service State Operations (R. D. Taylor), 1 July 1984 through 31 October 1984. (Project 764221 - New)

\$75,000.00 - American Cancer Society, Ohio Division, Inc., Cleveland, Ohio, Application for a Grant to Help Create an American Cancer Society Professorship of Clinical Oncology, Department of Surgery (J. P. Minton), 1 July 1984 through 30 June 1987. (Project 761833 - Continuation)

\$72,539.00 - California Institute of Technology, Pasadena, California, Application of Nonlinear Least Squares Methods to the Analysis of Laboratory Spectra and Solar Spectra, Department of Physics (J. H. Shaw), 7 June 1984 through 6 June 1985. (Project 764155 - New)

September 7, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial Research Contracts/Grants (contd)

\$69,990.00 - March of Dimes Birth Defects Foundation, White Plains, New York, Multicenter Preterm Birth Prevention Trial, Department of Obstetrics and Gynecology (J. D. Iams), 1 July 1984 through 30 June 1985. (Project 763334 - Continuation)

\$64,247.00 - Franklin County Mental Retardation and Developmental Disabilities Board, Columbus, Ohio, Exemplary Dental Services for the Handicapped, Nisonger Center for Mental Retardation (E. S. Sterling), 1 July 1984 through 30 June 1985. (Project 764186 - Continuation)

\$46,590.00 - The Robert Wood Johnson Foundation, Princeton, New Jersey, Robert Wood Johnson Health Policy Fellowship, College of Medicine - Administration (M. E. Whitcomb), 1 September 1984 through 31 August 1985. (Project 764142 - New)

\$40,000.00 - American Cancer Society, Inc., New York, New York, American Cancer Society Institutional Research Grant, Cancer Research Center (D. S. Yohn), 1 July 1984 through 30 June 1985. (Project 764472 - Continuation)

\$34,327.00 - Children's Hospital Research Foundation, Columbus, Ohio, Pancreatic Polypeptide in Patients with Altered Appetite, Department of Medicine (T. O'Dorisio and S. Cataland), Department of Psychiatry (K. Dixon) and Department of Psychology (G. Berntson), 1 January 1984 through 31 December 1984. (Project 763744 - Continuation)

\$34,000.00 - Cleveland Public Schools, Cleveland, Ohio, An Assessment of Cleveland's Technical-Vocational Education Program and Recommendations for Planning Its Redesign, The National Center for Research in Vocational Education (R. E. Taylor), 1 May 1984 through 31 October 1984. (Project 764224 - New)

\$32,500.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Radionuclide Angiographic Acquisition Using a QRS Template, Department of Medicine (T. M. Bashore), 1 July 1984 through 30 June 1985. (Project 764228 - New)

\$32,230.00 - American Heart Association, Dallas, Texas, Hypothalamic Neuronal Sensitivity in Hypertensive Rats, Department of Physiology (J. A. Boulant), 1 September 1984 through 31 August 1985. (Project 764156 - Continuation)

September 7, 1984 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)

\$32,120.00 - American Heart Association, Dallas, Texas, Cardiomyopathy of Z-lines: Rod Body Isolation and Analysis, Department of Veterinary Anatomy (M. Yamaguchi), 1 July 1984 through 30 June 1985. (Project 763675 - Continuation)

\$22,500.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Adenine Nucleotide Metabolism in Heart Myocytes, Department of Physiological Chemistry (G. P. Brierley), 1 October 1984 through 30 September 1985. (Project 764210 - New)

\$22,500.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Hypercontracture of Isolated Adult Rat Heart Myocytes, Department of Physiological Chemistry (R. A. Altschuld), 1 October 1984 through 30 September 1985. (Project 764211 - New)

\$21,750.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Nutritional Intervention in Foam Cell Formation, College of Medicine - Administration and Department of Physiological Chemistry (D. G. Cornwell) and Department of Medicine (R. L. Whisler), 1 October 1984 through 30 September 1985. (Project 764209 - New)

\$21,500.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Oxygenation of Pressure-Overloaded versus Exercised Myocardium, Department of Physiology (E. W. Kanabus), 1 October 1984 through 30 September 1985. (Project 764219 - New)

\$20,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Intracellular Measurement of Free Calcium in Single Myocytes, Department of Physiology (B. T. Stokes), 1 October 1984 through 30 September 1985. (Project 764216 - New)

\$20,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Quantitation of Myocardial Calcium in Human Heart Failure, Department of Medicine (D. V. Unverferth), 1 October 1984 through 30 September 1985. (Project 764217 - New)

\$18,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Hemodynamic Response to Pindolol in Congestive Heart Failure, Department of Medicine (C. V. Leier and P. F. Binkley), 1 July 1984 through 30 June 1985. (Project 764133 - New)

September 7, 1984 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 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Measurement of Free Ca in Heart Cells by Quin-2 Fluorescence, Department of Physiological Chemistry (R. Altschuld and M. R. Lambert), 1 July 1984 through 30 June 1985. (Project 764134 - New)

\$18,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Topographical Localization of Atherosclerotic Lesions, Department of Surgery (J. F. Cornhill) and Department of Medicine (J. M. Pap), 1 July 1984 through 30 June 1985. (Project 764135 - New)

\$18,000.00 - March of Dimes Birth Defects Foundation, White Plains, New York, The Molecular Mechanisms of Chromosomal Movement, Department of Microbiology (B. R. Oakley), 1 July 1984 through 30 June 1985. (Project 763739 - Continuation)

\$17,124.00 - Social Sciences and Humanities Research Council of Canada, Ottawa, Ontario, Canada, An Annotated Catalogue of the Medieval Commentaries on the Metamorphoses of Ovid, Department of Classics (F. T. Coulson), 1 September 1984 through 31 August 1985. (Project 764229 - New)

\$15,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Calcium Release from Heart Sarcoplasmic Reticulum, Department of Physiological Chemistry (G. P. Brierley and D. W. Jung), 1 October 1984 through 30 September 1985. (Project 764207 - New)

\$15,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Dynamics of the Ventilation-Perfusion Relationship, Department of Physiology (A. L. Kunz and R. P. Kaminski), 1 October 1984 through 30 September 1985. (Project 764212 - New)

\$15,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Myofilament Organization at the Fasciae Adherens, Department of Veterinary Anatomy (M. Yamaguchi), 1 October 1984 through 30 September 1985. (Project 764218 - New)

\$14,000.00 - Battelle Memorial Institute, Columbus, Ohio, Marysville Natural Analog Study, Department of Geology and Mineralogy (K. A. Foland), 22 June 1984 through 22 July 1984. (Project 764188 - New)

September 7, 1984 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)

\$12,000.00 - The Arthritis Foundation, Central Ohio Chapter, Columbus, Ohio, Immunoregulation and Autoimmunity, Department of Medicine (R. L. Whisler), 1 April 1984 through 31 March 1985. (Project 760620 - Continuation)

\$11,005.00 - Ohio Dominican College, Columbus, Ohio, Student Personnel in Higher Education, Department of Educational Policy and Leadership (R. F. Rodgers), 15 August 1984 through 14 May 1985. (Project 764151 - Continuation)

\$10,796.00 - Ohio Wesleyan University, Delaware, Ohio, Student Personnel in Higher Education, Department of Educational Policy and Leadership (R. F. Rodgers), 30 July 1984 through 31 May 1985. (Project 764150 - Continuation)

\$9,828.00 - Capital University, Columbus, Ohio, Student Personnel in Higher Education, Department of Educational Policy and Leadership (R. F. Rodgers), 1 August 1984 through 31 May 1985. (Project 764148 - Continuation)

\$8,585.00 - Kansas Corporation Commission, Topeka, Kansas, Technical Assistance to Kansas Corporation Commission to Install Production Cost Simulation Computer Model, National Regulatory Research Institute (D. N. Jones), 25 June 1984 through 31 August 1984. (Project 764225 - New)

\$8,000.00 - American Cancer Society, Ohio Division, Inc., Cleveland, Ohio, Developmental Expression of snRNPs in Drosophila, Department of Genetics (S. Falkenthal), 1 July 1984 through 30 June 1985. (Project 764206 - New)

\$6,500.00 - The Columbus Foundation, Columbus, Ohio, Young Concert Artist Series, Mershon Auditorium (T. M. Van Leer), 1 October 1984 through 30 April 1987. (Project 764183 - New)

\$6,215.00 - Battelle Memorial Institute, Columbus, Ohio, Experimental and Analytical Studies of the Thermal Aspects of Deep Geological Disposal of Commercial Nuclear Wastes, Department of Mechanical Engineering (R. N. Christensen), 21 June 1984 through 31 August 1984. (Project 761731 - Continuation)

\$5,378.00 - Denison University, Granville, Ohio, Student Personnel in Higher Education, Department of Educational Policy and Leadership (R. F. Rodgers), 1 August 1984 through 31 May 1985. (Project 764149 - Continuation)

September 7, 1984 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 General Electric Foundation, Fairfield, Connecticut, Educators in Industry Workshop, Department of Human Services Education (J. V. Wigtil), 1 June 1984 through 31 August 1984. (Project 764168 - New)

\$3,000.00 - Council on Library Resources, Washington, D. C., Reference Assessment Survey Project, University Libraries (M. E. Murfin), 1 July 1984 through 31 December 1985. (Project 764163 - New)

\$2,208.00 - Franklin County Mental Retardation and Developmental Disabilities Board, Columbus, Ohio, Early Childhood Classes, Nisonger Center for Mental Retardation (M. J. Guralnick), 1 September 1983 through 30 September 1984. (Project 763722 - Continuation)

\$2,000.00 - Maricopa Technical Community College, Phoenix, Arizona, National Alliance of Postsecondary Education Institutions/Districts, The National Center for Research in Vocational Education (R. E. Taylor), 1 July 1984 through 30 June 1985. (Project 763548 - Continuation)

\$2,000.00 - Ohio Pork Producers Council, Westerville, Ohio, Effect of Pig Weaning Weight on Postweaning Digestive Enzyme Development and Body Composition, Department of Animal Science - OARDC (D. C. Mahan), 1 May 1984 through 30 April 1985. (Project 764121 - New)

\$2,000.00 - Ohio Pork Producers Council, Westerville, Ohio, The Effects of High Sow Productivity on the Ability of a Sow to Recycle and Rebreed, Department of Animal Science - OARDC and Department of Animal Science (K. M. Irvin), 1 May 1984 through 30 April 1985. (Project 764118 - New)

\$1,233.00 - W. K. Kellogg Foundation, Battle Creek, Michigan, Kellogg National Fellowship Program, Department of City and Regional Planning (S. I. Gordon), 1 May 1984 through 31 August 1984. (Project 764194 - New)

\$113.72 - Tarrant County Junior College, Fort Worth, Texas, National Alliance of Postsecondary Education Institutions/Districts, The National Center for Research in Vocational Education (R. E. Taylor), 1 June 1984 through 30 June 1984. (Project 763548 - Continuation)

TOTAL - OTHER NON-FEDERAL AWARDS

\$1,805,142.72

September 7, 1984 meeting, Board of Trustees

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

ENGINEERING EXPERIMENT STATION

State Sponsored Research and Development

\$56,081.00 - The Ohio Department of Transportation, Columbus, Ohio, "Global Positioning Systems Exploration by ODOT," Department of Geodetic Sciences, 15 June 1984 through 14 June 1985. (529654)

Industrial and Other Sponsored Research and Development

\$68,751.00 - from 23 sponsors for 26 development projects under the direction of five engineering departments.

\$63,465.00 - Alcoa Technical Center, Alcoa Center, Pennsylvania, "A Study of the Susceptibility to Environment Corrosion of High Strength Aluminum Power Metallurgy Alloys," Department of Metallurgical Engineering, 1 September 1984 through 31 August 1985. (529655)

\$25,000.00 - Babcock & Wilcox, Barberton, Ohio, "Vision Sensing for Automatic Control of Narrow-Gap Gas Metal Arc Welding," Department of Welding Engineering, 1 July 1984 through 31 December 1984. (529657)

\$13,490.00 - Parker Hannifin Corporation, Cleveland, Ohio, "Welding of Lead Steel Fittings," Department of Welding Engineering, 1 July 1984 through 30 September 1984. (529656)

\$6,000.00 - The Ohio State University, Office of Physical Facilities, Columbus, Ohio, "Study of Energy Conservation for University Buildings--Program 4244," Department of Mechanical Engineering, 16 May 1984 through 15 June 1984. (529008)

TOTAL - INDUSTRIAL AND OTHER SPONSORED RESEARCH \$ 176,706.00

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Establishment of Named Funds

Ohio Eminent Scholar in Experimental Physical Chemistry

The Ohio Eminent Scholar in Experimental Physical Chemistry was established September 7, 1984, 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.

September 7, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Ohio Eminent Scholar in Experimental Physical Chemistry (contd)

The annual income is to be used to provide salary and program support for the work of an outstanding scholar-leader in chemistry. Appointment as the Ohio Eminent Scholar in Experimental Physical Chemistry 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 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 chemistry education and research. Any redirection of this endowment prior to ten years from the date established shall require the prior approval of the Ohio Board of Regents.

Elston Foundation Fund

The Elston Foundation Fund was established September 7, 1984, by the Board of Trustees of The Ohio State University with a gift to the Office of University Development from the estate of Margaret E. Barnaby, B.S., Education, 1917; B.A., Arts, 1928, Philadelphia, 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, with the right to invest and reinvest as occasion dictates.

The annual income from this fund is to be used for the purpose of conducting study/research in Hodgkins Disease as part of the Oncology program of The Ohio State University in conjunction with the College of Medicine. All requisitions for funds are to be approved by the Dean of the College of Medicine in consultation with the leading faculty and researchers in the area of Oncology and Hodgkins Disease.

Should the need for this fund cease to exist or so diminish as to provide unused income or in the event a complete cure is available for Hodgkins Disease, then the income may be used for any purposes whatsoever as determined by the Board of Trustees with preference being given to recommendations from the appropriate administrative official of the University then directly responsible for the study and research of other cancers in the College of Medicine.

September 7, 1984 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 Noel F. George Chair in Law Fund

The Noel F. George Chair in Law 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 Noel F. George, LLB '32, and The George Foundation, 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 and additional gifts will be added to the principal until such time as the principal reaches \$750,000. At that time the annual income is to be used to provide salary and program support for the work of a distinguished scholar, researcher and teacher in Law. Appointment to the George Chair will be recommended by the Dean of the College of Law to the Provost and approved by the Board of Trustees.

Should the need for this faculty position cease to exist or so diminish as to provide unused income, then the income may be used for any priorities to enhance the law program, at the discretion of the appropriate administrative official of the University who is then directly responsible for law education.

**ETA KAPPA NU - Fred H. Pumphrey Distinguished
Teacher Award in Electrical Engineering**

The ETA KAPPA NU - Fred H. Pumphrey Distinguished Teacher Award in Electrical Engineering was established September 7, 1984, by the Board of Trustees of The Ohio State University with a gift from Fred H. Pumphrey (Bachelor of Electrical Engineering, '21).

This gift is to be invested in the University's Permanent Endowment Fund under the rules and regulations adopted by the Board of Trustees of The Ohio State University with the right to invest and reinvest as occasion dictates.

The income shall be used to support an annual award given to a faculty member of the Department of Electrical Engineering in recognition of outstanding teaching. The recipient of this annual award will be selected by electrical engineering students by means of a balloting conducted by Gamma Chapter of Eta Kappa Nu, Electrical Engineering honorary.

Should the need for this award 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 electrical engineering education.

September 7, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

**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.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to 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 is to 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 Dean of the College of Biological Sciences.

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 Lake Erie teaching, research and service.

Change of Name and Description of Named Fund

Lee D. Moody Scholarship Loan Fund

The Lee D. Moody Scholarship Fund was established June 8, 1978, by the Board of Trustees of The Ohio State University with a bequest to The Ohio State University Development Fund from Lee D. Moody, B.S., Civil Engineering, 1932, of Springfield, Ohio. The name was changed to Lee D. Moody Scholarship Loan Fund, September 7, 1984.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide interest-free loans to graduate and undergraduate students in the Department of Civil Engineering. The selection of the recipient is to be made by the Chairman of the Department of Civil Engineering. Loan repayments will be at the direction of the Department Chairman and the Student Financial Aids Office. In addition, awards of not

September 7, 1984 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)

Lee D. Moody Scholarship Loan Fund (contd)

more than fifteen percent (15%) of the distributed annual income may be given to students as designated by the Chairman of the Department of Civil Engineering.

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 purposes 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 civil engineering education.

September 7, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Report - July 1984

Federal Research Contracts/Grants

\$1,977,800.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, OSU Comprehensive Cancer Center Support (Core) Grant, Cancer Research Center (D. S. Yohn), 1 July 1984 though 30 June 1985. (Project 763976 - Continuation)

\$1,208,511.00 - Department of Labor, Employment and Training Administration, Washington, D. C., National Longitudinal Studies of Labor Force Behavior, Center for Human Resource Research, Office of Academic Affairs (K. I. Wolpin), 1 July 1984 through 30 September 1984. (Project 760081 - Continuation)

\$604,027.00 - Department of Health and Human Services, Public Health Service, Health Resources and Services Administration, Rockville, Maryland, Mental Retardation Training, Nisonger Center for Mental Retardation (G. E. Martin), 1 July 1984 through 30 June 1985. (Project 761169 - Continuation)

\$300,000.00 - Department of the Air Force, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Advanced Radar Cross Section Reduction, Department of Electrical Engineering, ElectroScience Laboratory (B. A. Munk), 19 July 1984 through 18 July 1986. (Project 763740 - Continuation)

\$219,570.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Biochemical Mechanisms of Nitrosamine Carcinogenesis, Department of Chemistry (H. G. Floss), 1 July 1984 through 31 December 1985. (Project 764242 - New)

\$162,676.00 - Department of Health and Human Services, Office of Human Development Services, Administration on Developmental Disabilities, Chicago, Illinois, UAF Administration and Operation, Nisonger Center for Mental Retardation (M. J. Guralnick), 30 June 1984 through 29 June 1985. (Project 763712 - Continuation)

\$152,657.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Stereochemistry of Enzyme Reactions, Department of Chemistry (H. G. Floss), 1 September 1984 through 31 August 1985. (Project 763422 - Continuation)

September 7, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$144,852.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, B-Glucuronidase Inhibition and Chemical Carcinogenesis, Department of Physiological Chemistry and Cancer Research Center (T. E. Webb), 1 August 1984 through 31 July 1985. (Project 764291 - New)

\$144,043.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, DNA Damage Following Exposure to Genotoxin, Department of Radiology (S. M. D'Ambrosio and A. A. Wani) and Department of Medicine (E. D. Lowney), 1 September 1984 through 31 August 1985. (Project 762787 - Continuation)

\$133,435.00 - Department of Education, Office of Special Education and Rehabilitation Services, Washington, D. C., The Development of a Curriculum for Pediatric Residents in Handicapping Conditions (Outreach), Nisonger Center for Mental Retardation (M. J. Guralnick), 1 July 1984 through 30 June 1985. (Project 764288 - Continuation)

\$129,278.00 - Department of Education, Office of Special Education and Rehabilitation Services, Washington, D. C., Social and Communicative Interactions of Mildly Delayed and Nonhandicapped Preschool Children in Mainstreamed Settings, Nisonger Center for Mental Retardation (M. J. Guralnick), 1 July 1984 through 30 June 1985. (Project 763463 - Continuation)

\$123,876.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Glycerophospholipid Metabolism in the Brain, Department of Physiological Chemistry (L. A. Horrocks and K. E. Richardson), 1 August 1984 through 31 July 1985. (Project 760039 - Continuation)

\$120,857.00 - Department of Education, Office of Special Education and Rehabilitation Services, Washington, D. C., Remediating Social Deficits in Peer Interactions: A Model Early Intervention Program, Nisonger Center for Mental Retardation (M. J. Guralnick), 1 July 1984 through 30 June 1985. (Project 764269 - New)

\$120,000.00 - National Science Foundation, Washington, D. C., Totally Synthetic Heme Protein Models, Department of Chemistry (D. H. Busch), 1 July 1984 through 30 June 1985. (Project 764274 - Continuation)

September 7, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$116,519.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Molecular Genetics of Epstein-Barr Virus, Department of Medical Microbiology and Immunology (R. Glaser), 1 July 1984 through 30 June 1985. (Project 764251 - New)

\$115,000.00 - National Science Foundation, Washington, D. C., Activation and Deactivation Mechanisms of Carbon Electrodes, Department of Chemistry (T. Kuwana), 1 August 1984 through 31 July 1985. (Project 764286 - Continuation)

\$114,600.00 - National Science Foundation, Washington, D. C., Hot Corrosion of Metals and Alloys by Fused Salts, Department of Metallurgical Engineering (R. A. Rapp), 1 August 1984 through 31 July 1985. (Project 763189 - Continuation)

\$110,500.00 - 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 1984 through 28 February 1985. (Project 764293 - Continuation)

\$101,700.00 - Department of Education, Office of Postsecondary Education, Washington, D. C., Cooperative Education Administration Program DTD 12-15-83 Training for Students in Postsecondary Institutions, Colleges of the Arts and Sciences - Administration (T. A. Willke), 1 September 1984 through 31 August 1985. (Project 764285 - New)

\$101,338.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Thymidylate Synthetase Gene Structure and Expression, Department of Biochemistry (L. F. Johnson), 1 September 1984 through 31 August 1985. (Project 762903 - Continuation)

\$99,413.00 - Department of Education, Office of Special Education, Washington, D. C., Project TRANSITION, Department of Human Services Education and School of Health, Physical Education and Recreation (P. Jansma) and School of Health, Physical Education and Recreation (W. Ersing), 1 July 1984 through 30 June 1985. (Project 763505 - Continuation)

September 7, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$98,851.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Abnormal and B Cell Growth in Aged Humans, Department of Medicine (R. L. Whisler), 1 August 1984 through 31 July 1985. (Project 763761 - Continuation)

\$89,609.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, Adaptive Arrays for Satellite Communication, Department of Electrical Engineering, ElectroScience Laboratory (A. A. Ksienski), 14 July 1984 through 13 July 1985. (Project 764040 - Continuation)

\$89,217.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Fe^LV Leukemogenesis and Preneoplastic Lesions, Department of Veterinary Pathobiology (R. G. Olsen), 1 July 1984 through 30 June 1985. (Project 762826 - Continuation)

\$89,000.00 - National Science Foundation, Washington, D. C., Low Temperature Electronic Properties of Conducting Solids, Department of Physics (J. C. Garland), 1 July 1984 through 30 June 1985. (Project 762691 - Continuation)

\$87,500.00 - National Science Foundation, Washington, D. C., Structure, Dynamic Behavior and Synthesis of Selected Carbanionic Substances, Department of Chemistry (G. A. Fraenkel), 1 July 1984 through 30 June 1985. (Project 763630 - Continuation)

\$85,059.00 - National Science Foundation, Washington, D. C., Modeling, Control, and Simulation of Human Movement, Department of Electrical Engineering (H. N. Hemami), 1 July 1984 through 30 June 1985. (Project 763112 - Continuation)

\$85,042.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Resonant Structure NCTR (Non-Cooperative Target Recognition), Department of Electrical Engineering, ElectroScience Laboratory (J. D. Young), 30 September 1984 through 31 December 1984. (Project 762920 - Continuation)

\$65,960.00 - National Science Foundation, Washington, D. C., Computer Research Equipment (Computer Science), Department of Computer and Information Science (B. Weide and K. Schwann) and Department of Art Education (C. A. Csurí), 15 July 1984 through 30 June 1985. (Project 764253 - New)

September 7, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$62,000.00 - National Science Foundation, Washington, D. C., Dispersion versus Absorption (DISPA) Line Shape Analysis for Inhomogeneously Broad Spectra, Department of Chemistry (A. G. Marshall), 1 July 1984 through 30 June 1985. (Project 763690 - Continuation)

\$57,834.00 - National Science Foundation, Washington, D. C., Maintenance of the Bacillus Genetic Stock Center, Department of Microbiology (D. H. Dean), 1 August 1984 through 31 July 1985. (Project 762225 - Continuation)

\$52,909.00 - National Aeronautics and Space Administration, George C. Marshall Space Flight Center, Marshall Space Flight Center, Alabama, Theoretical Studies of the Surface Tension of Liquid Metal Systems, Department of Physics (D. G. Stroud), 1 July 1984 through 30 June 1985. (Project 764280 - Continuation)

\$51,656.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Cloned T Cell Responses to Macrophage Products (IL-1), Department of Surgery (C. G. Orosz), 1 August 1984 through 31 July 1985. (Project 763749 - Continuation)

\$50,000.00 - Department of Agriculture, Cooperative State Research Service, Washington, D. C., Evolution of Leafhoppers and Stunting Pathogens with Maize and its Ancestors, Department of Entomology - OARDC (L. R. Nault, G. F. Shambaugh and L. V. Madden), 15 June 1984 through 30 June 1985. (Project 764270 - New)

\$49,421.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, NCI Physician-Investigator Development Award Program, Department of Medicine (E. A. Copelan), 1 August 1984 through 31 July 1985. (Project 764303 - New)

\$47,966.00 - National Science Foundation, Washington, D. C., Anodic Oxidation Studies and Their Applications to Organic Synthesis, Department of Chemistry (J. S. Swenton), 1 July 1984 through 30 June 1985. (Project 764272 - New)

\$47,728.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Behavioral Stress and Myocardial Ischemia, Department of Physiology (G. E. Billman), 1 July 1984 through 30 June 1985. (Project 764256 - 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)

\$41,023.00 - National Science Foundation, Washington, D. C., Science Planning for Greenland Glaciology, Institute of Polar Studies (E. Mosley-Thompson), 1 July 1984 through 30 June 1985. (Project 764237 - New)

\$38,865.00 - National Science Foundation, Washington, D. C., Machine Tool Controls for Computer Assisted Manufacturing, Department of Mechanical Engineering (K. Srinivasan), 1 October 1984 through 30 September 1985. (Project 764262 - New)

\$38,300.00 - National Science Foundation, Washington, D. C., Theoretical Studies of Equilibrium and Non-Equilibrium Multilayer Films, Department of Physics (C. A. Ebner and W. F. Saam), 15 July 1984 through 31 July 1985. (Project 764263 - New)

\$37,800.00 - National Science Foundation, Washington, D. C., Problems in Harmonic Analysis, Department of Mathematics (J. M. Rosenblatt), 1 July 1984 through 30 June 1986. (Project 764276 - New)

\$36,400.00 - National Science Foundation, Washington, D. C., Exploration of Radical Addition Reactions in the Synthesis of Complex Molecules, Department of Chemistry (D. J. Hart), 1 September 1984 through 31 August 1985. (Project 763219 - Continuation)

\$33,000.00 - National Science Foundation, Washington, D. C., A Unified Treatment of Rank 2 Simple Groups, Department of Mathematics (R. M. Solomon), 1 July 1984 through 30 June 1986. (Project 763027 - Continuation)

\$31,500.00 - National Science Foundation, Washington, D. C., L Functions and the Oscillator Representation, Department of Mathematics (S. J. Rallis), 15 July 1984 through 31 July 1986. (Project 764289 - New)

\$30,942.00 - Department of Education, Office of Special Education and Rehabilitation Services, Washington, D. C., Rehabilitation Counseling Long-Term Training Grant, Department of Human Services Education (B. S. Growick and S. W. LeClair), 1 August 1984 through 31 July 1985. (Project 763777 - Continuation)

\$29,800.00 - National Science Foundation, Washington, D. C., Geometric Topology and Homotopy Theory, Department of Mathematics (J. A. Neisendorfer), 1 July 1984 through 30 June 1986. (Project 764239 - 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)

\$29,400.00 - National Science Foundation, Washington, D. C., Iwasawa Invariants and p-Adic L-Functions, Department of Mathematics (W. M. Sinnott), 1 July 1984 through 30 June 1986. (Project 763672 - Continuation)

\$27,900.00 - National Science Foundation, Washington, D. C., Composition of Quadratic Forms Over Fields, Department of Mathematics (D. B. Shapiro), 1 July 1984 through 30 June 1986. (Project 763155 - Continuation)

\$27,900.00 - National Science Foundation, Washington, D. C., The Arithmetic of Function Fields, Department of Mathematics (D. Goss), 15 July 1984 through 31 July 1986. (Project 764268 - New)

\$24,613.00 - Department of Health and Human Services, Office of Human Development Services, Administration for Children, Youth and Families, Chicago, Illinois, Child Welfare Traineeships, College of Social Work (K. V. Harper), 1 September 1984 through 31 August 1985. (Project 764259 - New)

\$23,500.00 - National Science Foundation, Washington, D. C., Complex Geometry and Banach Spaces, Department of Mathematics (W. J. Davis), 1 July 1984 through 30 June 1985. (Project 764273 - New)

\$22,571.00 - Department of Health and Human Services, Public Health Service, Alcohol, Drug Abuse, and Mental Health Administration, Rockville, Maryland, Minority Students in Community Mental Health, College of Social Work (K. V. Harper), 1 July 1984 through 30 June 1985. (Project 764271 - New)

\$19,056.00 - National Science Foundation, Washington, D. C., James Franck and the Social Responsibility of the Scientist, Department of History (A. D. Beyerchen), 1 September 1984 through 31 December 1984. (Project 764300 - New)

\$16,000.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, Application of Optical Computing to the Control of Jet Engines, Department of Electrical Engineering, ElectroScience Laboratory (S. Collins), 28 July 1984 through 30 September 1984. (Project 761795 - Continuation)

\$15,892.00 - National Science Foundation, Washington, D. C., Diffractive Spectroelectrochemistry, Department of Chemistry (R. L. McCreery), 1 July 1984 through 31 March 1985. (Project 763063 - Continuation)

September 7, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$15,450.00 - National Science Foundation, Washington, D. C., Properties of Electronic States in Disordered Media, Department of Physics (R. L. Mills), 1 September 1984 through 30 June 1985. (Project 764278 - New)

\$12,900.00 - National Science Foundation, Washington, D. C., Matroid Theories: Subregularity, Homotopy and Signed Graphs, Department of Mathematics (T. A. Dowling and T. Zaslavsky), 1 July 1984 through 30 June 1985. (Project 764254 - New)

\$10,000.00 - Environmental Protection Agency, Washington, D. C., Effects of Toxic Substances on Growth, Survival and Pathology of Larval Fishes in the River Raisin Estuary, Michigan, Lake Erie, Center for Lake Erie Area Research (C. E. Herdendorf), 1 May 1984 through 26 June 1985. (Project 763665 - Continuation)

\$10,000.00 - National Science Foundation, Washington, D. C., Application of the Knowledge Based System Approach to Operational Problems of Engineering Systems, Department of Mechanical Engineering (D. W. Miller) and Department of Computer and Information Science (B. Chandrasekaran), 15 July 1984 through 31 December 1984. (Project 764243 - New)

\$9,624.00 - Department of Transportation, National Highway Traffic Safety Administration, East Liberty, Ohio, Brake Dynamometer Data Acquisition System Development, Phases 2 & 3, Department of Electrical Engineering (H. N. Hemami), 15 June 1984 through 30 September 1984. (Project 764244 - New)

\$8,981.00 - Department of Transportation, National Highway Traffic Safety Administration, East Liberty, Ohio, SPMD (Suspension Parameter Measurement Device) Electronic Development, Department of Electrical Engineering (H. N. Hemami), 15 June 1984 through 30 September 1984. (Project 764241 - New)

\$5,728.00 - Department of the Army, Fort Sheridan, Illinois, Armed Services Vocational Aptitude Battery (ASVAB) Advisory Panel, The National Center for Research in Vocational Education (R. E. Taylor), 1 July 1984 through 28 September 1984. (Project 763319 - Continuation)

TOTAL - FEDERAL AWARDS

\$8,007,549.00

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

State of Ohio Research Contacts/Grants

\$108,632.00 - State of Ohio, Ohio Air Quality Development Authority, Columbus, Ohio, Sources of Soil, Surface Water and Precipitation Acidity and Related Effects on Soils, Plant Growth and Microorganism Activity, Laboratory for Environmental Science -OARDC and Department of Microbiology (T. C. Weidensaul), 1 September 1984 through 31 August 1985. (Project 763273 - Continuation)

\$75,000.00 - State of Ohio, Department of Education, Columbus, Ohio, Ohio Education Deans' Task Force, Department of Human Services Education (T. M. Stephens), 1 July 1984 through 30 June 1985. (Project 764296 - Continuation)

\$26,000.00 - State of Ohio, Department of Mental Health, Columbus, Ohio, Graduate Training Program in Psychology (H. L. Mirels), 1 July 1984 through 30 June 1985. (Project 762865 - Continuation)

\$23,395.00 - State of Ohio, Department of Education, Columbus, Ohio, Collaboration for Entrepreneurship Training in Ohio, The National Center for Research in Vocational Education (R. E. Taylor), 1 May 1984 through 30 September 1984. (Project 764266 - New)

\$15,641.00 - State of Ohio, Department of Mental Health, Columbus, Ohio, Mental Health Implications of the Postpartum Period, Department of Sociology and Center for Women's Studies (V. A. Taylor), 1 July 1984 through 30 June 1985. (Project 764264 - New)

\$4,500.00 - State of Ohio, The Ohio Humanities Council, Columbus, Ohio, Women's Week, Department of Educational Theory and Practice - Mansfield Campus (A. E. Dittmer) and Department of Political Science - Mansfield Campus (B. Kahn), 17 April 1984 through 31 May 1984. (Project 764076 - Continuation)

\$3,750.00 - State of Ohio, Department of Education, Columbus, Ohio, Ohio Occupational Employment Statistics Projections, Academic Faculty of Labor Education and Research Services (H. R. Blaine), 1 July 1984 through 30 June 1985. (Project 764223 - Continuation)

\$3,150.00 - State of Ohio, The Ohio Humanities Council, Columbus, Ohio, New Music: OSU Hosts Nineteenth Annual American Society of University Composers Festival-Conference, School of Music (G. M. Proctor and T. Wells), 10 February 1984 through 1 October 1984. (Project 763998 - Continuation)

September 7, 1984 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)

\$1,000.00 - State of Ohio, The Ohio Arts Council, Columbus, Ohio, New Music: The Ohio State University Hosts the 19th Annual American Society of University Composers Annual Conference Festival, School of Music (G. M. Proctor and T. Wells), 1 March 1984 through 30 April 1984. (Project 764290 - New)

TOTAL - STATE OF OHIO AWARDS

\$ 261,068.00

Industrial Research Contracts/Grants

\$166,251.00 - Abbott Laboratories, Columbus, Ohio, Studies of Rotavirus Diarrhea in Gnotobiotics, Food Animal Health Research Program - OARDC (L. J. Saif), 1 July 1984 through 30 June 1986. (Project 764255 - New)

\$99,883.00 - Hughes Aircraft Co., Los Angeles, California, Compact Range Performance Analysis, Department of Electrical Engineering, ElectroScience Laboratory (W. D. Burnside), 16 July 1984 through 15 July 1985. (Project 764281 - New)

\$80,000.00 - Research Medical, Inc., Salt Lake City, Utah, Application of Dimethyl Sulfoxide Together with an Antineoplastic Agent for the Treatment of Tumors, Department of Surgery (E. A. Woltering), 15 June 1984 through 14 June 1987. (Project 764267 - New)

\$21,950.00 - Singer Link, Inc., Binghamton, New York, Evaluation of the ESPRIT System, Department of Psychology (D. H. Owen), 1 July 1984 through 31 December 1984. (Project 764292 - New)

\$6,264.00 - IPM Corporation, Mount Gilead, Ohio, Job Analysis and Recommendations for Training - Assembly Department, College of Education - Administration (J. J. Buffer), 16 July 1984 through 21 September 1984. (Project 764299 - New)

\$5,000.00 - General Electric Company, Bridgeport, Connecticut, Study of Computer and Video Disc Integration and Standards, The National Center for Research in Vocational Education (R. E. Taylor), 12 June 1984 through 30 August 1984. (Project 764294 - New)

\$5,000.00 - Kali-Duphar Laboratories, Inc., Columbus, Ohio, Re-analysis of Effect of Ritodrine Hydrochloride in the Management of Premature Labor, Department of Preventive Medicine (M. L. Moeschberger), 1 June 1984 through 31 August 1984. (Project 764258 - 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)

\$5,000.00 - The Upjohn Company, Kalamazoo, Michigan, ANSAID Pre-Marketing Data Project (7235), Department of Medicine (S. M. Kantor), 1 July 1984 through 30 September 1984. (Project 764284 - New)

\$1,921.00 - Sutter (Sally) Assoc., Altoona, Pennsylvania, Technical Assistance for Sally Sutter Associates, The National Center for Research in Vocational Education (R. E. Taylor), 27 June 1984 through 14 September 1984. (Project 768048 - New)

\$1,500.00 - ARROW, Inc., Washington, D. C., Children in Federal Custody, Native American Youth Study, The National Center for Research in Vocational Education (R. E. Taylor), 1 June 1984 through 30 June 1984. (Project 763632 - Continuation)

\$36.00 - CSG Corporation, Washington, D. C., Technical Assistance Project for the Microcomputer Choices Program, The National Center for Research in Vocational Education (R. E. Taylor), 1 July 1984 through 31 December 1984. (Project 763026 - Continuation)

TOTAL - INDUSTRIAL AWARDS

\$ 392,805.00

Other Non-Federal Research Contracts/Grants

\$324,608.00 - Columbia University, New York, New York, National Longitudinal Surveys of Labor Market Experience, Center for Human Resource Research, Office of Academic Affairs (K. I. Wolpin), 1 January 1984 through 31 December 1984. (Project 764249 - New)

\$227,123.00 - University of California, Livermore, California, Nuclear Spin Polarized Fuel for Laser Experiments, Department of Physics (J. R. Gaines), 27 July 1984 through 30 November 1986. (Project 764301 - New)

\$107,608.00 - Healthcare Financial Management Association, Oak Brook, Illinois, The Development of a Financial Service for the Hospital Industry, College of Medicine - Administration (W. O. Cleverley), 1 July 1984 through 30 June 1985. (Project 761794 - Continuation)

\$106,332.00 - Franklin County Mental Retardation and Developmental Disabilities Board, Columbus, Ohio, Early Childhood Classes, Nisonger Center for Mental Retardation (M. G. Guralnick), 1 October 1984 through 30 September 1985. (Project 764265 - 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)

\$44,938.00 - American Congress on Surveying and Mapping, Falls Church, Virginia, Extended Operation of the National Committee for Digital Cartographic Data Standards: Developing Interim Proposed Standards, Department of Geography (H. Moellering), 1 April 1984 through 31 March 1985. (Project 764261 - Continuation)

\$35,000.00 - The Petroleum Research Fund, Anodic Oxidation in Heterocyclic Synthesis, Department of Chemistry (J. S. Swenton), 1 September 1984 through 31 August 1986. (Project 764275 - New)

\$30,058.00 - University of Rhode Island, Kingston, Rhode Island, Biosynthesis of Marine Natural Products, Department of Chemistry (H. G. Floss), 1 July 1984 through 30 June 1985. (Project 763351 - Continuation)

\$30,000.00 - California Institute of Technology, Pasadena, California, Support of the NASA Propagation Studies and Measurement, Department of Electrical Engineering, ElectroScience Laboratory (C. A. Levis and E. K. Damon), 1 July 1984 through 30 September 1984. (Project 763692 - Continuation)

\$24,320.00 - American Academy of Physician Assistants, Arlington, Virginia, Physician Self-Assessment Program, Department of Educational Theory and Practice (A. D'Costa), 1 July 1984 through 25 June 1985. (Project 764257 - Continuation)

\$21,000.00 - Muscular Dystrophy Association, New York, New York, The Role of the Complement System in the Pathogenesis of the Intramuscular Vasculopathy of Dermatomyositis, Department of Neurology (J. R. Mendell and J. T. Kissel), 1 July 1984 through 30 June 1985. (Project 763676 - Continuation)

\$20,000.00 - Stallone Fund for Autism Research, Culver City, California, Pattern of Urinary Putative Neuropeptides in Control and Autistic Subjects, Department of Pathology (H. A. I. Newman), 15 May 1984 through 1 September 1985. (Project 764260 - New)

\$17,000.00 - The Engineering Foundation, New York, New York, Strain Localization: Effect of Temperature Gradients, Department of Metallurgical Engineering (R. H. Wagoner), 1 September 1984 through 31 August 1985. (Project 764298 - New)

\$16,000.00 - Eight Members of the National Alliance, National Alliance of Postsecondary Education Institutions/Districts, The National Center for Research in Vocational Education (R. E. Taylor), 1 July 1984 through 30 June 1985. (Project 763548 - Continuation)

September 7, 1984 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 - The Petroleum Research Fund, Washington, D. C., Catalysis via the Diels-Alder Reaction, Department of Chemistry (A. W. Czarnik), 1 July 1984 through 31 August 1986. (Project 764277 - New)

\$14,651.00 - Defiance County Soil and Water Conservation District, Defiance, Ohio, Evaluation of Crop Production Effects and Soil and Nutrient Losses from Lake Plain Soils with Conservation Tillage Management, Department of Agronomy (T. J. Logan), 1 August 1984 through 31 March 1985. (Project 762509 - Continuation)

\$12,600.00 - State of Ohio, Department of Education, Columbus, Ohio, Consortium for the Development of Professional Materials for Vocational Education, The National Center for Research in Vocational Education (R. E. Taylor), 1 July 1984 through 30 June 1985. (Project 764302 - New)

\$10,500.00 - Purdue University, West Lafayette, Indiana, Improving the Geological Interpretation of Magnetic and Gravity Satellite Anomalies, Department of Geology and Mineralogy (R. R. B. von Frese), 1 July 1984 through 31 March 1985. (Project 763567 - Continuation)

\$8,216.00 - International Studies Association, Columbia, South Carolina, Assistance in Disseminating Learning Resources on Global Education and Teacher Training, Department of Political Science and Mershon Center for Education (J. E. Harf), 1 July 1984 through 30 June 1985. (Project 764287 - Continuation)

\$8,000.00 - American Cancer Society, Ohio Division, Inc., Cleveland, Ohio, Radioimmunodetection of CEA Producing Tumors with Indium-111 Labeled Anti-CEA Monoclonal Antibodies, University Hospitals Administration (G. H. Hinkle), Department of Radiology (H. Abdel-Nabi and J. Olsen), Department of Medical Microbiology and Immunology (K. Leung) and Department of Surgery (E. W. Martin), 1 July 1984 through 30 June 1985. (Project 764238 - New)

\$7,810.00 - American Cancer Society, Ohio Division, Inc., Cleveland, Ohio, Importance of Catechol Estrogen Formation in Cultured Human Mammary Cancer Cells, College of Pharmacy (R. W. Brueggemeir), 1 July 1984 through 30 June 1985. (Project 764245 - New)

\$5,500.00 - American Cancer Society, Ohio Division, Inc., Cleveland, Ohio, Multinuclear Metal Ion Complexes as Potential DNA Intercalating Agents, Department of Chemistry (A. W. Czarnik), 1 July 1984 through 30 June 1985. (Project 764250 - 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)

\$4,926.00 - The University of Wisconsin, Madison, Wisconsin, Screening Potato Accessions Held by IR-1 for Resistance to Northern Root Knot Nematode, Meloidogyne hapla, Department of Plant Pathology - OARDC and Department of Plant Pathology (R. M. Riedel), 1 May 1984 through 31 December 1984. (Project 764283 - New)

\$4,219.00 - Franklin County Mental Retardation and Developmental Disabilities Board, Columbus, Ohio, Community Worker Project, Nisonger Center for Mental Retardation (M. J. Guralnick), 31 January 1984 through 31 December 1984. (Project 763174 - Continuation)

\$3,240.00 - The University of Wisconsin, Madison, Wisconsin, Screening of the IR-1 Collection for Resistance to Verticillium dahliae, Department of Plant Pathology - OARDC (R. C. Rowe), 1 May 1984 through 31 December 1984. (Project 764279 - New)

\$2,400.00 - North Texas State University, Denton, Texas, The Adaptation and Pilot Testing of a Pre-Service Version of ICDM, The National Center for Research in Vocational Education (R. E. Taylor), 1 July 1984 through 31 August 1985. (Project 763418 - Continuation)

TOTAL - OTHER NON-FEDERAL AWARDS \$1,101,049.00

ENGINEERING EXPERIMENT STATION

Industrial and Other Sponsored Research and Development

\$109,769.00 - from 21 sponsors of 23 development projects under the direction of six engineering departments.

\$24,070.00 - from various industry supporting the Center for Welding Research Program for "Weld Process Modeling," Department of Welding Engineering, 1 July 1984 through 30 June 1985. (529510)

\$20,126.00 - Sandia National Laboratories, Livermore, California, "Development of Destructive and Non-Destructive Evaluation of Methods for Inertia Welds Between Similar and Dissimilar Alloys," Department of Welding Engineering, 1 July 1984 through 30 September 1984. (529660)

\$10,000.00 - SME Manufacturing Engineering Education Foundation, Dearborn, Michigan, "Manufacturing Systems -- Curriculum Development and Facility Development," Department of Industrial and Systems Engineering, 1 July 1984 through 30 June 1985. (529658-59)

TOTAL - INDUSTRIAL AND OTHER SPONSORED RESEARCH \$ 163,965.00

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Establishment of Named Funds

James Weldon Jones Scholarship Fund

The James Weldon Jones Scholarship Fund was established September 7, 1984, by the Board of Trustees of The Ohio State University with a gift to the Office of University Development from the estate of James Weldon Jones, Houston, 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 from this fund shall be used to award scholarships to one or more students attending either the main campus of The Ohio State University or any of its branch campuses. Awards will be based on student need as determined by the University Scholarship Committee.

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 purposes 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 student financial aids.

Veterinary Toxicology Support Fund

The Veterinary Toxicology Support Fund was established September 7, 1984 by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Office of University Development from alumni and friends of the College of Veterinary 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 is to be used to enrich veterinary toxicology programs within the College of Veterinary Medicine, providing funds for such items as seed money for small research projects, small equipment purchases, or the attraction of visiting lecturers. The use of these funds shall be determined by the Chairman of the Department of Veterinary Physiology and Pharmacology upon the approval of the Dean of the College of Veterinary Medicine.

Should the need for these funds 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 veterinary medical education.

September 7, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Walter H. Pomerene Scholarship Fund

The Walter H. Pomerene Scholarship Fund was established September 7, 1984, by the Board of Trustees of The Ohio State University with a gift to the Office of University Development from the estate of Walter H. Pomerene, B.A., Arts and Sciences, 1917, of 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 is to be used to provide scholarships for medical students enrolled in The Ohio State University College of Medicine with preference being given to students from rural areas of Ohio. The selection of the award recipients will be made by the University Committee on Student Financial Aids in consultation with the Dean of the College of Medicine.

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 then directly responsible for student scholarships in the College of Medicine.

William E. Drenten Memorial Service and Scholarship Award

The William E. Drenten Memorial Service and Scholarship Award was established September 7, 1984, by the Board of Trustees of The Ohio State University with gifts to the Office of University Development from WBNS broadcast stations, friends and former students of the late William M. Drenten, assistant professor of broadcast journalism in the School of Journalism at The Ohio State University, from 1959 until his death in 1984.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide the scholarship award. Twenty percent (20%) of the annual income shall be applied to the principal each year. The School of Journalism Scholarship Committee, with the approval of the Director of the School of Journalism, will select a student(s) to receive the award(s) based on the recommendation of the broadcast faculty. The award(s) will be made to the student(s) in the broadcast sequence who have made the greatest contributions to the School's Broadcast News Center in either radio or television and who have maintained at least an overall minimum grade point average of 2.0 and who have, at the time of selection, at least 25 credit hours

September 7, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

William E. Drenten Memorial Service and Scholarship Award (contd)

remaining before graduation. If the annual income used for the award exceeds \$800, the Scholarship Committee may elect to split the award among two or more students.

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 journalism scholarships.

Walter L. Chambers Scholarship Fund

The Walter L. Chambers Scholarship Fund was established September 7, 1984, by the Board of Trustees of The Ohio State University with a gift to the Office of University Development from Mrs. Virginia Chambers, Pompano Beach, Florida, in memory of her husband, Walter L. Chambers, B.C., Landscape Architecture, 1929; Honorary Doctor of Sciences, 1977.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be awarded to a graduate student who demonstrates the highest standards of academic excellence in the Master of Landscape Architecture program. Such awards shall be made by the faculty of the Department of Landscape Architecture in consultation with the Dean of the College of Engineering and the University Scholarship Committee.

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 purposes 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 landscape architectural education.

**Eldis O. Reed - Society of Women Engineers
Memorial Scholarship Fund**

The Eldis O. Reed - Society of Women Engineers Memorial Scholarship 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 members of the Society of Women Engineers and friends of Eldis O. Reed.

September 7, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Eldis O. Reed - Society of Women Engineers
Memorial 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.

Annually 80 percent of the income earned by this fund shall be awarded to a woman engineering student who exemplifies leadership and dedication to the Society of Women Engineers. The selection shall be made by the Dean of the College of Engineering in cooperation with the faculty advisor for the Society of Women Engineers and the Director of Student Financial Aids. The remaining 20 percent of the annual income will be reinvested into the fund's principal.

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 purposes 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 engineering education.

C. C. Allison Fund in Plant Pathology

The C. C. Allison Fund in Plant Pathology was established September 7, 1984, by the Board of Trustees of The Ohio State University with gifts to the Office of University Development from Dr. C. C. Allison, Professor Emeritus, Department of Plant Pathology, The Ohio State University, and his former students 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 and occasion dictates.

The annual income from the principal shall be used for undergraduate and graduate scholarships and awards in the Department of Plant Pathology in the College of Agriculture as determined by the chairman of the department.

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 plant pathology.

September 7, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Woody Hayes and Archie Griffin Scholarship Fund

The Woody Hayes and Archie Griffin Scholarship Fund was established September 7, 1984, by the Board of Trustees of The Ohio State University with gifts to the Office of University Development from the OSU Alumni Club of Oklahoma in honor of W. Woodrow Hayes, Professor Emeritus, and Archie M. Griffin, B.S., Business Administration, 1976, who provided the Club's inaugural 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 is to be used to provide scholarship assistance to out-of-state freshmen who have maintained a minimum 3.0 grade point average on a 4.0 scale for their high school years. The selection of the recipient(s) will be made upon the recommendation of the University Committee on Student Financial Aids.

Should the need for these scholarships 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 responsible for alumni affairs.

Change of Name and Description of Named Fund

Harry and Carl Sonkin Memorial Award for International Understanding and Peace

The Harry and Carl Sonkin Memorial Award for Peace and International Understanding was established March 2, 1984, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from public subscription and the friends and families of Harry and Carl Sonkin. The name was changed to the Harry and Carl Sonkin Memorial Award for International Understanding and Peace, September 7, 1984.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide one or more scholarships for deserving graduate or senior undergraduate student(s) whose academic achievements and field of study may contribute to the pursuit of international understanding and peace. Selection of the recipient(s) is to be made by the Director of the University Center for International Studies in cooperation with

September 7, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Change of Name and Description of Named Fund (contd)

**Harry and Carl Sonkin Memorial Award
for International Understanding and Peace (contd)**

the Dean of the College of Humanities and the Director of the Mershon Center or their representatives. The criteria for the selection of recipients are subject to review by members of the Sonkin family and the concerned Ohio State University administrators.

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 purposes 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 academic programs in international studies.

Change in Description of Named Funds

The Arthur J. Hoffmann Memorial Educational Fund

The Arthur J. Hoffmann Memorial Educational Fund was established May 5, 1978, by the Board of Trustees of The Ohio State University with gifts through the Development Fund in honor of the memory of Arthur J. Hoffmann.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to support a student in the Department of Plant Pathology, with preference going to a junior or senior student with interest in greenhouse vegetable production. One student is to be selected each year and the recipient is eligible for renewal for one year. Selection of the recipient is to be made with guidance of the Chairman of the Department of Plant Pathology.

Should the need for these awards 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 Plant Pathology education.

Walter W. Seifert Award

The Walter W. Seifert Award was established November 30, 1979, by the Board of Trustees of The Ohio State University with gifts through The Ohio State University Development Fund from Hill and Knowlton, Inc., in honor of Walter W. Seifert, Professor of Journalism.

September 7, 1984 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)

Walter W. Seifert Award (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 from this endowed fund is to be used to fund the "Walter W. Seifert Award" each year to the outstanding member or members of the OSU Chapter of the Public Relations Student Society of America. Selection of this student(s) is to be made by the academic and professional advisors of the Chapter on review by Hill and Knowlton's Managing Director at Chicago.

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 journalism education.

The C. B. and Ardis H. Stewart Scholarship Fund

The C. B. and Ardis H. Stewart Scholarship Fund was established September 4, 1981, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Dr. and Mrs. John A. Thoms.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income will be used to provide one or more full-tuition scholarship(s) to an entering freshman who is a resident of Wood County, Ohio. If at any time the income from this Fund is not sufficient to provide at least one annual full-tuition scholarship, the income shall be used to pay a partial tuition scholarship to the extent of the income available for the current year. Any unused annual income shall also be added to the principal.

The selection of the recipient(s) will be made by the University Committee on Student Financial Aid based upon recommendations received from any one of the following: County 4-H Agent; the Home Economics Agent; high school principals; or the Wood County Alumni Club. Preference shall be given to students interested in fields of study relating to Agriculture or Home Economics, and who are active in 4-H.

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

September 7, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Change in Description of Named Funds (contd)

The C. B. and Ardis H. Stewart Scholarship Fund (contd)

determined by the Board of Trustees with preference being given to recommendations from the Deans of the Colleges of Agriculture and Home Economics or from the appropriate administrative official of the University who is then responsible for study related to the field of agriculture.

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**EMPLOYMENT OF ARCHITECT
UPHAM HALL RENOVATION - MASTER PLAN AND PROGRAM**

Resolution No. 85-18

Synopsis: Authorization to employ an architectural firm is proposed.

WHEREAS University Hospitals and the Office of Health Services are proposing to renovate the psychiatric facility known as Upham Hall to include updating the building in accordance with new standards and codes; and

WHEREAS it is desirable to have a Master Renovation Plan and budget and a detailed Program of Requirements for a first phase of construction for this project; and

WHEREAS funds will be made available from University Hospitals for these services:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Finance be authorized to select a qualified architectural consulting firm to perform master planning and programming services for this project in conjunction with the Department of Administrative Services and that the fees for this service be negotiated between the firm selected and the Department of Administrative Services, Division of Public Works.

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

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September 7, 1984 meeting, Board of Trustees

**EMPLOYMENT OF ARCHITECT/ENGINEER
TWELFTH AVENUE PARKING RAMP**

Resolution No. 85-19

Synopsis: Authorization to employ an architectural/engineering firm is proposed.

WHEREAS the construction of the Cancer Research Institute and the Ohio Arthritis and Geriatric Centers will greatly increase outpatient traffic beyond the capacity of the existing available parking facilities; and

WHEREAS the construction of a new parking ramp on West Twelfth Avenue will add approximately 350 parking spaces, and will span Twelfth Avenue to provide access to medical and dental facilities; and

WHEREAS this project includes landscaping, signs, traffic control devices, and a traffic turn around area since Twelfth Avenue will be closed to any access from the east except for emergency vehicles; and

WHEREAS funds will be made available from Traffic and Parking funds for this project:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Finance be authorized to select a qualified architectural/engineering firm for this project from a list of architects requested from and submitted by the Department of Administrative Services, Division of Public Works.

Upon motion of Mr. Immke, seconded by Mr. Berry, 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
CAPITAL PROJECTS FUNDED BY AMENDED
SUBSTITUTE HOUSE BILL 798**

Resolution No. 85-20

Synopsis: Authorization to employ architectural/engineering firms and request construction bids for projects approved for The Ohio State University in Amended Substitute House Bill 798 is proposed.

WHEREAS Amended Substitute House Bill 798 (the 1983-85 capital appropriations bill), enacted by the 115th General Assembly, includes funds for several projects for The Ohio State University Columbus Campus and Regional Campuses; and

September 7, 1984 meeting, Board of Trustees

**EMPLOYMENT OF ARCHITECTS/ENGINEERS AND
REQUEST FOR CONSTRUCTION BIDS
CAPITAL PROJECTS FUNDED BY AMENDED
SUBSTITUTE HOUSE BILL 798 (contd)**

WHEREAS the following projects for The Ohio State University currently are planned from funds included in this capital appropriations bill:

LINE ITEM PROJECTS

Hagerty Hall Renovations
Lazenby Hall Renovations

UTILITIES AND RENOVATION

Agricultural Technical Institute - Exterior Improvements (Phase I)
Center for Lake Erie Area Research
Classroom Improvements (Smith, Boyd, Ramseyer and 164 W. 19th Avenue)
Elevator Replacement (Pomerene and Ramseyer)
Energy Modifications, Phase II
Goss Laboratory Renovations
Hitchcock Hall - Computer Lab Remodeling
Journalism Building Remodeling
MacQuigg Waterproofing
Mansfield Regional Campus - Ovalwood Hall Renovation
OARDC - Boiler Replacement
Postle Hall - Pre-Clinic Exhaust Improvements
Regional Campuses - Lima, Mansfield, Marion and Newark
Roof Replacements (Pomerene, Pressey, MacQuigg, Caldwell and Stillman)
Student Services Building Renovations
Tunnel System Renovations
West Campus Remodeling

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Finance be authorized to select qualified architectural/engineering firms for these projects in conjunction with the Department of Administrative Services, and that the fees for these services be negotiated between the firms selected and the Department of Administrative Services, Division of Public Works; and

BE IT FURTHER RESOLVED, That the President and/or Vice President for Business and Finance be authorized to request construction bids on these projects in accordance with established University procedures, and if satisfactory bids are received, to recommend to the Department of Administrative Services, Division of Public Works, the award of contracts with all actions to be reported to this Board at the appropriate time.

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

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September 7, 1984 meeting, Board of Trustees

**EMPLOYMENT OF ARCHITECT/ENGINEER AND
REQUEST FOR CONSTRUCTION BIDS
18TH AVENUE EXTENSION**

Resolution No. 85-21

Synopsis: Authorization to employ an architectural/engineering firm and request construction bids is proposed.

WHEREAS the proposed Center for the Visual Arts will result in the abandonment of portions of 15th and 17th Avenues; and

WHEREAS to facilitate access to the University it is necessary to extend 18th Avenue from College Road to High Street; and

WHEREAS this road work, including sewers and curbs between College Road and High Street, and associated work will have an estimated construction cost of approximately \$224,000 and will be funded from University funds:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Finance be authorized to select a qualified engineering firm for this project in conjunction with the Department of Administrative Services, and that the fees for this engineering service be negotiated between the firm selected and the Department of Administrative Services, Division of Public Works; and

BE IT FURTHER RESOLVED, That the President and/or Vice President for Business and Finance be authorized to request construction bids on this project in accordance with established University procedures, and if satisfactory bids are received, to recommend to the Department of Administrative Services, Division of Public Works, the award of contracts with all actions to be reported to this Board at the appropriate time.

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

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**PLANS AND SPECIFICATIONS AND
REQUEST FOR CONSTRUCTION BIDS
CAPITAL PROJECTS FUNDED BY AMENDED
SUBSTITUTE HOUSE BILL 798**

Resolution No. 85-22

Synopsis: Approval of plans and specifications and request for construction bids for projects approved for The Ohio State University in Amended Substitute House Bill 798 is proposed.

September 7, 1984 meeting, Board of Trustees

**PLANS AND SPECIFICATIONS AND
REQUEST FOR CONSTRUCTION BIDS
CAPITAL PROJECTS FUNDED BY AMENDED
SUBSTITUTE HOUSE BILL 798 (contd)**

WHEREAS Amended Substitute House Bill 798 (the 1983-85 capital appropriations bill), enacted by the 115th General Assembly, includes funds for several projects for The Ohio State University Columbus Campus and Regional Campuses; and

WHEREAS architectural/engineering services currently are underway on these projects; and

WHEREAS the following projects for The Ohio State University currently are planned from construction funds included in this capital appropriations bill:

LINE ITEM PROJECTS

Agricultural Engineering Building
Veterinary Sciences Facility
Water Distribution Improvements

UTILITIES AND RENOVATION PROJECTS

Don Scott Sanitary Sewers
Electrical Distribution Improvements (Substation D)
Masonry Improvements (Hayes, Haskett and MacQuigg)
Robinson Laboratory Environmental System
Window Replacements (Ramseyer, Page and Johnston)

NOW THEREFORE

BE IT RESOLVED, That the plans and specifications, bills of materials and estimates of cost for the projects listed above be approved and that the President and/or Vice President for Business and Finance be authorized to sign the plans and specifications for these projects and, in accordance with established University procedures, to request bids and, if satisfactory bids are received, to recommend to the Department of Administrative Services, Division of Public Works, the award of necessary contracts; and

BE IT FURTHER RESOLVED, That these actions be reported to the Board at a later meeting.

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

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September 7, 1984 meeting, Board of Trustees

PLANS AND SPECIFICATIONS

Resolution No. 85-23

Synopsis: Approval of plans and specifications for the following projects is proposed.

WHEREAS at the request of the Vice President for Business and Finance, the President recommended that the Board of Trustees approve the plans and specifications, bills of materials, and estimates of cost for the following projects:

ASBESTOS ABATEMENT
BIOLOGICAL SCIENCES BUILDING AND VETERINARY HOSPITAL

Project: Removal and disposal of existing asbestos insulation from the underside of roof deck surfaces and structural members and the re-insulation of same with non-asbestos material.

Funding: University Funds B/A 210134 (Contract Repair)

Estimated Project Cost: \$465,000.00

WASTE CHEMICAL VOLUME REDUCTION UNIT

Project: This incinerator will pre-dispose and dispose of certain biological, chemical, and low level radioactive waste. A small building will be constructed adjacent to the Bulk Chemical Warehouse at the Kenny Road Service Center to house this incinerator and support equipment. When completed, the incinerator will be operated by the Office of Radiation Safety.

Funding: University Funds B/A 885245

Estimated Project Cost: \$300,000.00

NOW THEREFORE

BE IT RESOLVED, That the plans and specifications, bills of materials, and estimates of cost for the projects listed above be approved and that the President and/or Vice President for Business and Finance be authorized to sign the plans and specifications for these projects and, in accordance with established University procedures, to request bids and, if satisfactory bids are received, to recommend to the Department of Administrative Services, Division of Public Works, the award of necessary contracts; and

September 7, 1984 meeting, Board of Trustees

PLANS AND SPECIFICATIONS (contd)

BE IT FURTHER RESOLVED, That these actions be reported to the Board at a later meeting.

Upon motion of Mr. Berry, seconded by Mrs. Bowser, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**PLANS AND SPECIFICATIONS AND REQUEST FOR PROPOSALS
FOR A PRECONSTRUCTION ADVISER AND FOR
CONSTRUCTION - TWELFTH AVENUE PARKING RAMP
AND OHIO UNION PARKING RAMP ADDITION**

Resolution No. 85-24

Synopsis: Authorization to approve plans and specifications and request proposals for a preconstruction adviser and for construction is proposed.

WHEREAS the Board of Trustees has approved the employment of an architectural/engineering firm to develop plans and specifications for a new parking ramp on Twelfth Avenue and the University Architect's Office currently is developing plans and specifications for an addition to the Ohio Union Parking Ramp; and

WHEREAS the Twelfth Avenue Parking Ramp will provide approximately 350 new parking spaces and will include landscaping, signs, traffic control devices, and a traffic turn around area (a total project cost estimated at \$2,500,000 to be funded from Traffic and Parking funds) and the addition to the Ohio Union Parking Ramp will provide approximately 460 additional spaces and will include a new access roadway from High Street, landscaping, signs, and traffic control devices (a total project cost estimated at \$3,365,000 to be funded from Traffic and Parking funds); and

WHEREAS the University desires to employ a single contractor to construct these two projects and to employ the contractor in advance as a preconstruction adviser to review and make recommendations regarding the plans and specifications for these projects to facilitate the completion of these projects in the most expeditious and economical manner possible; and

WHEREAS in keeping with the University's commitment to Affirmative Action it is desirable to employ a minority owned firm for these projects:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Finance be authorized to approve and sign the plans and specifications, bills of materials, and estimates of cost for these two projects and, in accordance with established University procedures and the standards of the American Institute of Architects, to request proposals, from a list of certified minority owned contractors requested from and submitted by the Department of Administrative

September 7, 1984 meeting, Board of Trustees

**PLANS AND SPECIFICATIONS AND REQUEST FOR PROPOSALS
FOR A PRECONSTRUCTION ADVISER AND FOR
CONSTRUCTION - TWELFTH AVENUE PARKING RAMP
AND OHIO UNION PARKING RAMP ADDITION (contd)**

Services, Division of Public Works, for preconstruction advice on these projects and for construction of these projects, and if satisfactory proposals are received, to award the necessary contracts, with all actions to be reported to this Board at the appropriate time.

Upon motion of Mr. Havens, seconded by Mr. Immke, 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. 85-25

Synopsis: Contracts have been awarded for the projects listed below to the lowest and best bidders in accordance with University procedures.

WHEREAS resolutions adopted by the Board of Trustees at previous meetings authorized the President and/or Vice President for Business and Finance to sign the plans and specifications and, in accordance with established University procedures, to request bids and, if satisfactory bids were received, to recommend to the Department of Administrative Services, Division of Public Works, the award of contracts for the following projects:

CANCER RESEARCH INSTITUTE

Description: This project will provide a single, inter-disciplinary facility for the clinical aspects of The Ohio State University Cancer Program. The building will contain both in-patient and out-patient facilities including space for research, education, and administrative support. Groundbreaking occurred July 10, 1984, and completion is schedule for Spring, 1987.

General Contract

Date Received:	June 1, 1984
No. of Bids:	7
Low Bid:	\$19,436,000.00*+
High Bid:	\$23,511,500.00*
Estimate of Cost:	\$19,033,037.00*
Awarded to:	Massaro Corporation, Pittsburgh, PA

*Recommended alternates reflected in these figures.

+General Contract is in excess of filed estimate of cost; however, the total price of all contracts is within the total estimate of cost and is recommended for award as provided by Section 153.12 of the Revised Code.

September 7, 1984 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

CANCER RESEARCH INSTITUTE (contd)

Plumbing Contract

Date Received:	June 1, 1984
No. of Bids:	4
Low Bid:	\$ 2,420,500.00*
High Bid:	\$ 2,764,250.00*
Estimate of Cost:	\$ 2,944,000.00*
Awarded to:	S. I. Industries, Pittsburgh, PA

Fire Protection Contract

Date Received:	June 1, 1984
No. of Bids:	6
Low Bid:	\$ 382,471.00*
High Bid:	\$ 603,000.00*
Estimate of Cost:	\$ 577,000.00*
Awarded to:	Capital Fire Protection Co., Columbus, Ohio

HVAC Contract

Date Received:	June 1, 1984
No. of Bids:	9
Low Bid:	\$ 4,206,530.00*
High Bid:	\$ 5,804,800.00*
Estimate of Cost:	\$ 4,878,000.00*
Awarded to:	Sauer Mechanical, Inc., Columbus, Ohio

*Recommended alternates reflected in these figures.

September 7, 1984 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

CANCER RESEARCH INSTITUTE (contd)

Electrical Contract

Date Received:	June 1, 1984
No. of Bids:	7
Low Bid:	\$ 4,556,310.00*
High Bid:	\$ 5,885,000.00*
Estimate of Cost:	\$ 5,466,000.00*
Awarded to:	Meisner Electric, Inc., Columbus, Ohio

Building Automation Contract

Date Received:	June 1, 1984
No. of Bids:	3
Low Bid:	\$ 514,200.00*
High Bid:	\$ 665,400.00*
Estimate of Cost:	\$ 656,000.00
Awarded to:	Honeywell, Inc., Columbus, Ohio

Total All Contracts:	\$31,516,011.00*
Total Contingency Allowance:	\$ 1,575,800.55 (which is 5 per cent of construction costs)
Total Project Cost:	\$40,373,400.00*
Funding:	Am. Sub. H.B. 552

*Recommended alternates reflected in these figures.

MCCRACKEN POWER PLANT - COAL FIRED BOILER PHASE I

Description: This phase of the project for the construction of a new coal fired boiler at the McCracken Power Plant is for Demolition and Boiler and Flue Gas Cleaning System. The demolition portion is scheduled to begin September, 1984 and be completed January, 1985. The Boiler and Flue Gas Cleaning System is scheduled for completion at the conclusion of the entire project, September, 1986.

September 7, 1984 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

MCCRACKEN POWER PLANT - COAL FIRED BOILER PHASE I (contd)

Boiler Demolition Contract

Date Received:	June 15, 1984
No. of Bids:	3
Low Bid:	\$ 168,000.00
High Bid:	\$ 278,350.00
Estimate of Cost:	\$ 204,000.00
Awarded to:	Craig Wrecking Co., Columbus, Ohio

Removals and Reroofing

Date Received:	June 15, 1984
No. of Bids:	3
Low Bid:	\$ 243,800.00*
High Bid:	\$ 344,000.00
Estimate of Cost:	\$ 187,481.00
Awarded to:	Concept Enterprises, Columbus, Ohio

Boiler with Stoker and Fans

Date Received:	June 15, 1984
No. of Bids:	2
Low Bid:	\$ 1,739,000.00
High Bid:	\$ 1,893,000.00
Estimate of Cost:	\$ 2,620,000.00
Awarded to:	Henry Vogt Machine Co., Louisville, Kentucky

*Removals and Reroofing Contract is in excess of filed estimate of cost; however, the total price of all contracts is within the total estimate of cost and is recommended for award as provided by Section 153.12 of the Revised Code.

September 7, 1984 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

MCCRACKEN POWER PLANT - COAL FIRED BOILER PHASE I (contd)

Flue Gas Cleaning System and Induced Draft Fans

Date Received:	June 15, 1984
No. of Bids:	2
Low Bid:	\$ 2,101,100.00
High Bid:	\$ 2,262,365.00
Estimate of Cost:	\$ 2,758,800.00
Awarded to:	Ecolaire Environmental Co., Pleasant Hill, California
Total All Contracts:	\$ 4,251,900.00
Total Contingency Allowance:	\$ 212,595.00 (which is 5 per cent of construction costs)
Total Project Cost:	\$ 4,490,395.06
Funding:	Revenue bonds

RHODES HALL - ATRIUM IMPROVEMENTS

Description: This project will provide environmental improvements to the Atrium within Rhodes Hall. It includes the installation of high bay light fixtures and associated apparatus which will make for a safer and a more attractive area for patient use. Work is scheduled for completion by November 1, 1984.

Electrical Contract

Date Received:	May 29, 1984
No. of Bids:	8
Low Bid:	\$ 173,444.00
High Bid:	\$ 203,000.00
Estimate of Cost:	\$ 185,000.00
Awarded to:	American Electric Const., Inc., Columbus, Ohio

September 7, 1984 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

RHODES HALL - ATRIUM IMPROVEMENTS (contd)

Total All Contracts:	\$ 173,444.00
Total Contingency Allowance:	\$ 14,083.55 (which is 8 per cent of construction costs)
Total Project Cost:	\$ 234,000.00

Funding: University Hospitals Funds B/A 885216

VETERINARY COLLEGE BUILDING IMPROVEMENTS - PHASE II

Description: This portion of the project includes the replacement of certain built-in shelving systems; alterations in Chemical Pathology Laboratory and Infectious Disease Laboratory; and an annunciator alarm system for walk-in environmental rooms and controlled temperature cabinets. Work is scheduled for completion in March, 1985.

General Contract

Date Received:	May 29, 1984
No. of Bids:	1
Low Bid:	\$98,460.00*+
High Bid:	\$98,460.00*
Estimate of Cost:	\$92,528.00*
Awarded to:	Waller & Lund, Columbus, Ohio

Plumbing Contract

Date Received:	May 29, 1984
No. of Bids:	6
Low Bid:	\$10,229.00
High Bid:	\$17,700.00
Estimate of Cost:	\$13,927.00
Awarded to:	Gene Williams Plumbing, Mt. Vernon, Ohio

*Recommended alternates reflected in these figures.

+General and HVAC Contracts are in excess of filed estimate of cost; however, the total price of all contracts is within the total estimate of cost and is recommended for award as provided by Section 153.12 of the Revised Code.

September 7, 1984 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

VETERINARY COLLEGE BUILDING IMPROVEMENTS - PHASE II (contd)

HVAC Contract

Date Received:	May 29, 1984
No. of Bids:	4
Low Bid:	\$ 5,285.00+
High Bid:	\$ 9,700.00
Estimate of Cost:	\$ 5,031.00
Awarded to:	Gene Williams Plumbing, Mt. Vernon, Ohio

Electrical Contract

Date Received:	May 29, 1984
No. of Bids:	6
Low Bid:	\$ 5,990.00
High Bid:	\$ 13,214.00
Estimate of Cost:	\$ 11,414.00
Awarded to:	Royal Electric Construction Corp., Columbus, Ohio

Total All Contracts \$119,964.00*

Total Contingency Allowance: \$ 13,297.23 (which is 11 per cent of construction costs)

Total Project Cost: \$150,000.00

Funding: Am. Sub. H.B. 552, U & R

+General and HVAC Contracts are in excess of filed estimate of cost; however, the total price of all contracts is within the total estimate of cost and is recommended for award as provided by Section 153.12 of the Revised Code.

*Recommended alternates reflected in these figures.

September 7, 1984 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

LINCOLN AND MORRILL TOWERS
BRIDGE AND WALK REPAIRS

Description: Repair of deteriorated bridges and walks around Lincoln and Morrill Towers. This project involves six bridges totaling ten spans, with the entire surface being coated with a liquid sealant to retard further deterioration. Work is scheduled for completion by September 15, 1984.

General Contract

Date Received:	May 1, 1984
No. of Bids:	4
Low Bid:	\$110,103.00*
High Bid:	\$150,820.21*
Estimate of Cost:	\$145,600.00*
Awarded to:	Henry A. Justus, Inc., Columbus, Ohio
Total All Contracts:	\$110,103.00*
Total Contingency Allowance:	\$ 5,505.19 (which is 5 per cent of construction costs)
Total Project Cost:	\$134,523.00*
Funding:	University Funds B/A 210134 (Contract Repair)

*Recommended alternates reflected in these figures.

ELEVATOR REPLACEMENT - JOHNSTON LABORATORY

Description: Replace old elevator in Johnston Laboratory with a new modern elevator. This project is scheduled for completion by June, 1985.

General Contract

Date Received:	July 17, 1984
No. of Bids:	2
Low Bid:	\$ 78,000.00
High Bid:	\$ 87,560.00
Estimate of Cost:	\$125,000.00
Awarded to:	Dover Elevator Co., Columbus, Ohio

September 7, 1984 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

ELEVATOR REPLACEMENT - JOHNSTON LABORATORY (contd)

Total All Contracts:	\$ 78,000.00
Total Contingency Allowance:	\$ 5,597.52 (which is 7 per cent of construction costs)
Total Project Cost:	\$ 86,000.00
Funding:	University Funds B/A 210134 (Contract Repair)

NEWARK REGIONAL CAMPUS - FOUNDERS HALL
IMPROVEMENTS TO WEST WALK

Description: This project involves the removal and replacement of portions of the deteriorated west walkway and concrete border curbs; removal of existing exterior lights; and the installation of Bollard lighting with associated conduit and wiring. Work is scheduled for completion by November 30, 1984.

General Contract

Date Received:	July 3, 1984
No. of Bids:	3
Low Bid:	\$ 27,266.00*
High Bid:	\$ 31,027.00*
Estimate of Cost:	\$ 31,784.00*
Awarded to:	Stouthill Construction, Inc., Stouthill, Ohio

Electrical Contract:

Date Received:	July 3, 1984
No. of Bids:	2
Low Bid:	\$10,300.00
High Bid:	\$17,289.00
Estimate of Cost:	\$15,438.00
Awarded to:	Claypool Electric Co., Lancaster, Ohio

*Recommended alternates reflected in these figures.

September 7, 1984 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

**NEWARK REGIONAL CAMPUS - FOUNDERS HALL
IMPROVEMENTS TO WEST WALK (contd)**

Total All Contracts:	\$37,566.00*
Total Contingency Allowance:	\$ 1,918.44 (which is 5 per cent of construction costs)
Total Project Cost:	\$41,100.00
Funding:	S.B. 381 Reappropriated U & R

*Recommended alternates reflected in these figures.

NOW THEREFORE

BE IT RESOLVED, That pursuant to the actions previously authorized by the Board, the award of contracts and the establishment of project funds and contingency funds for the projects listed above are hereby approved.

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

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**LEASE AND DEVELOPMENT OF LAND
WEST TENTH AVENUE, COLUMBUS, OHIO**

Resolution No. 85-26

Synopsis: Lease for development of 0.76 acres of University land on West Tenth Avenue, Columbus, Ohio, is proposed.

WHEREAS The Ohio State University owns two adjacent parcels of undeveloped land located on West Tenth Avenue; and

WHEREAS Creative Living, Incorporated, a non-profit organization, has proposed the use of this site for the development of a residential complex for the handicapped; and

WHEREAS the appropriate University offices are in agreement as to the desirability of leasing these two parcels of land to Creative Living, Inc.:

NOW THEREFORE

September 7, 1984 meeting, Board of Trustees

**LEASE AND DEVELOPMENT OF LAND
WEST TENTH AVENUE, COLUMBUS, OHIO (contd)**

BE IT RESOLVED, That the President and/or Vice President for Business and Finance be authorized to negotiate the terms of the proposed lease with Creative Living, Inc., and to request the Department of Administrative Services, on behalf of the University, to develop and execute the necessary legal instruments for this lease.

Upon motion of Mr. Berry, seconded by Mrs. Bowser, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**REPORT ON THE ACCEPTANCE
OF REAL PROPERTY
315 ACRES IN FAIRFIELD COUNTY
(VANBUREN FARM)**

Resolution No. 85-27

Synopsis: A report on the acceptance of a farm of approximately 315 acres in Fairfield County and the establishment of the Fred N. VanBuren Memorial Fund is presented.

WHEREAS the late Fred N. VanBuren of Fairfield County, Ohio, through his Last Will and Testament, devised to the Board of Trustees of The Ohio State University, through The Ohio State University Development Fund, a farm of approximately 315 acres located in Fairfield County, to be known as the Fred N. VanBuren Memorial Fund and to be maintained as an instructional and demonstration unit of the College of Agriculture and Home Economics [sic]; and

WHEREAS this devise provides that if the Board of Trustees determine that the property can no longer be used for this purpose, it may be sold, provided that the proceeds must be used to purchase other suitable real estate in Fairfield County to be used as an instructional and demonstration unit; and

WHEREAS this devise provided that if the Board of Trustees did not accept the devise under these conditions within the time limit specified or if the University should subsequently cease to use the property as an instructional and demonstration farm, the property would pass to the residuary devisees under Mr. VanBuren's Will; and

WHEREAS it has been determined that acceptance of this devise of real property is in the best interests of the University; and

WHEREAS this devise was conditioned upon acceptance within a time period ending on July 30, 1984, and on July 25, 1984, President Edward H. Jennings accepted the devise for and on behalf of this Board;

NOW THEREFORE

September 7, 1984 meeting, Board of Trustees

**REPORT ON THE ACCEPTANCE
OF REAL PROPERTY
315 ACRES IN FAIRFIELD COUNTY
(VANBUREN FARM) (contd)**

BE IT RESOLVED, That this report on the President's acceptance for and on behalf of the Board of Trustees, of this property, to be maintained as an instructional and demonstration unit of the College of Agriculture in accordance with the conditions of the devise, and the establishment of the Fred N. VanBuren Memorial Fund is hereby accepted; and

BE IT FURTHER RESOLVED, That the Board of Trustees hereby ratifies and confirms the President's acceptance of this property.

Upon motion of Mrs. Bowser, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**PREFERRED PROVIDER ARRANGEMENT
FOR UNIVERSITY EMPLOYEES**

Resolution No. 85-28

Synopsis: A preferred provider arrangement for University employees is proposed.

WHEREAS pursuant to section 3335-93-02 of the Hospitals Board Bylaws, the Hospitals Board is responsible for advice and counsel on matters of institutional income and expenditures, fees for institutional services, and utilization of hospitals services; and

WHEREAS The Ohio State University Hospitals is a major tertiary center with a full range of facilities and services; and

WHEREAS The Ohio State University Hospitals wishes to provide increased access and encourage University employees to utilize those facilities and services when medically necessary:

NOW THEREFORE

BE IT RESOLVED, That The Ohio State University Board of Trustees concurs with the recommendation of the Hospitals Board Finance Committee that as an employee benefit, private accommodations shall be given to University faculty/staff members when available. Reimbursement to the Hospitals for the differential between the cost of private and semi-private accommodations shall be made by the University for all regular faculty and staff. The effective date of this program shall be October 1, 1984.

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

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POLICY ON PURCHASING

Resolution No. 85-29

Synopsis: Revised policy on competitive bidding and purchasing is proposed.

WHEREAS it is the policy of The Ohio State University to solicit competitive bids in making University purchases in all cases wherein the best interest of the University and the State of Ohio will be served by such competition; and

WHEREAS there is a need to revise the University's current policy on purchasing established by this Board on September 14, 1965, to reflect current economic conditions; and

WHEREAS the President recommended adoption of the following policy on purchasing:

1. The Office of the Vice President for Business and Finance shall have the responsibility and requisite authority for the purchase of equipment, materials, supplies, and services for the University.
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, or supplies is less than five thousand dollars or where the purchase of such services is less than ten thousand dollars. In addition, the purchase of any combination of equipment, materials, supplies, and services of ten thousand dollars or more shall be made through solicitation of competitive bids or proposals. 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 Finance, 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 Finance 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"). A report on waivers granted shall be submitted to the Board of Trustees on a quarterly basis.
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

POLICY ON PURCHASING (contd)

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%. 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, nor shall it apply to the acquisition of objects of fine and decorative art, pursuant to the policy adopted by this Board on December 8, 1983.
6. This policy applies to all funds administered by The Ohio State University.

NOW THEREFORE

BE IT RESOLVED, That the Board of Trustees hereby rescinds the policy on competitive bidding adopted on September 14, 1965, and adopts the foregoing policy on purchasing, effective immediately.

Upon motion of Mr. Imnke, seconded by Mr. Berry, 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. 85-30

Synopsis: Authorization for designated officials to submit required documentation to the Ohio Public Facilities Commission and to certify compliance with the Commission's regulations is requested.

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 798 enacted by the 115th 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

September 7, 1984 meeting, Board of Trustees

**COMPLIANCE WITH REGULATIONS OF THE
OHIO PUBLIC FACILITIES COMMISSION (contd)**

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 Finance 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 8 of Amended Substitute House Bill 798 enacted by the 115th 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 projects 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 Mr. Havens, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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LOAN AGREEMENT - DEPARTMENT OF EDUCATION

Resolution No. 85-31

Synopsis: Loan Agreement with U. S. Department of Education is proposed for approval.

WHEREAS on August 27, 1981, the Treasurer of The Ohio State University, acting as Agent for the Office of Residence and Dining Halls of the University, filed with the Secretary of the United States Department of Education an application for a loan under Title IV of the Housing Act of 1950 to finance the cost to the University of energy conservation measures in Lincoln and Morrill Towers so as to reduce fuel and energy consumption and other operating costs related to said systems; and

September 7, 1984 meeting, Board of Trustees

LOAN AGREEMENT - DEPARTMENT OF EDUCATION (cont'd)

WHEREAS on September 30, 1981, the Secretary of the United States Department of Education issued preliminary approval of said loan application in the amount of \$497,000 and has transmitted for consideration a proposed Loan Agreement, dated as of April 4, 1984; and

WHEREAS at the November 6, 1981 meeting, the employment of an engineering firm and authorization to request construction bids pending finalization of funding were approved; and

WHEREAS it is deemed advisable and in the best interests of the University that the proposed Loan Agreement be accepted and its execution authorized:

NOW THEREFORE

BE IT RESOLVED, That the Treasurer of The Ohio State University, be, and is hereby authorized and directed on behalf of the Board, to take all actions necessary to complete the processing of the aforesaid loan application and to consummate the loan transaction, including executing loan application documents, loan agreements, promissory notes, and loan security documents pledging the "available receipts" of the University, as such term is defined in Section 3345.12 (A) (9) of the Ohio Revised Code, as collateral for the payment of said loan.

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

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NAMING OF BUILDING

Resolution No. 85-32

Synopsis: Naming of building is proposed.

WHEREAS pursuant to authority of this Board in naming of all buildings at The Ohio State University as set forth in paragraph (G) of rule 3335-1-08 of the Administrative Code; and

WHEREAS the President recommended, with the concurrence of the President's Staff, that the College of Medicine Administration Center located at 370 West Ninth Avenue be named Richard Lewis Meiling Hall, to honor Dr. Meiling, who served the College of Medicine from 1947 until his retirement in June, 1974 as Vice President and Professor Emeritus:

NOW THEREFORE

September 7, 1984 meeting, Board of Trustees

NAMING OF BUILDING (contd)

BE IT RESOLVED, That the above specified building be named Richard Lewis Meiling Hall.

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

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REPORT - EXPENSES FOR DESIGNATED ADMINISTRATIVE OFFICIALS

Resolution No. 85-33

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

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. Redman, seconded by Mr. Berry, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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DEFERRED COMPENSATION AGREEMENT

Resolution No. 85-34

Synopsis: Action by the Personnel Committee respecting a deferred compensation agreement between The Ohio State University and Dr. Edward H. Jennings is being submitted for ratification.

WHEREAS on June 7, 1984, this Board of Trustees adopted Resolution No. 84-151, which included, among other things, the authorization for an \$8,000 salary increase for Dr. Edward H. Jennings; and

September 7, 1984 meeting, Board of Trustees

DEFERRED COMPENSATION AGREEMENT (contd)

WHEREAS the Personnel Committee of the Board of Trustees has approved and executed on behalf of The Ohio State University an agreement between the University and Dr. Jennings respecting deferred compensation:

NOW THEREFORE

BE IT RESOLVED, That said agreement and action by the Personnel Committee be and they hereby are accepted, ratified and affirmed.

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

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REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 85-35

RESOLVED, That the report on the University's Investment Portfolio, dated August 17, 1984, 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 meeting Friday, October 5, 1984, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Madison H. Scott
Secretary

D. James Hilliker
Chairman

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

Columbus, Ohio, October 5, 1984

The Board of Trustees met at its regular monthly meeting on Friday, October 5, 1984, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

* * *

Minutes of the last meeting were approved.

* * *

October 5, 1984 meeting, Board of Trustees

The Chairman, Mr. Hilliker, called the meeting of the Board of Trustees to order at 12:35 p.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: D. James Hilliker, Chairman, John F. Havens, Edmund C. Redman, Leonard J. Immke, John W. Berry, Shirley D. Bowser, and Hamilton J. Teaford.

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Mr. Hilliker reconvened the meeting at 2:15 p.m.

Present: D. James Hilliker, Chairman, John F. Havens, Daniel M. Galbreath, Edmund C. Redman, Leonard J. Immke, John W. Berry, Shirley D. Bowser, and Hamilton J. Teaford.

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WEST CAMPUS CHANGES AND THE RESEARCH PARK CONCEPT

During the meeting of the Educational Affairs Committee of the Board of Trustees, Dr. Francille Firebaugh, Mr. David Marsh and Dr. Jack Hollander presented the following report.

Dr. Firebaugh:

Thank you, President Jennings, and thank you, Provost Haenicke. I will move to a topic that has taken some effort this year, especially on the part of a small committee that Dave and I chaired, to examine West Campus and to make some recommendations regarding it. Composition of the committee included faculty representatives, two architects, an undergraduate student who played an important role in the committee, and the two of us.

The first thing we found was that West Campus had never come into what it had been envisioned to become. In 1967, the plan included thirteen buildings on the West Campus and it was envisioned that there would be 13,000 full-time equivalent students who would be using West Campus. Shortly after the plan was approved and things were under way, a ceiling was placed on the Ohio State enrollment and so it has never happened that we have that many students there and indeed, we have only five buildings on West Campus. Because, I think, the plan was never fully implemented and changes occurred very early, the operation of West Campus for lower-division instruction has been less than satisfactory over the years. Some of the reasons that it has been somewhat unsatisfactory are the number of students we must bus daily. It was envisioned originally that there would be a dominance of commuter students, so they would just drive in and take their classes; indeed, that has not been the case. Some students who are there have a sense of isolation from the Central Campus. We also interviewed some students who sort of liked meeting people on the bus and being over there, so that must tell you that there are two sides. But, the scheduling of classes on West Campus is on the half-hour, so in any three hours a student on

October 5, 1984 meeting, Board of Trustees

WEST CAMPUS CHANGES AND THE
RESEARCH PARK CONCEPT (contd)

Dr. Firebaugh: (contd)

the main campus--on the Central Campus could take three courses, but if you have to lose the half-hour you may only schedule two classes on the West Campus.

Instructional efficiency of departments that teach on the West Campus is somewhat reduced because faculty and graduate associates must be on the West Campus while also serving, in some cases, on the Central Campus. And indeed, we have some office space which somewhat duplicates office space on the Central Campus.

As we worked with the current situation on West Campus we developed, as a committee, a concept of centralizing academic programs on the central core of the campus. I'd like now to take a look at a slide and show you what we conceived in our committee. The main point I want to make here is that in the central part of the campus we would have, surrounding the Oval, the library and so forth, the very heart of the arts and sciences and other areas; then this would move a bit farther out and go into some of the more applied areas and professional areas; pick up the agriculture campus; the medical complex; and here in the central core we would bring the undergraduate instruction. It just so happens that the 1962 Campus Master Plan envisioned just these basic principles. They suggested at that time that there should be a concept of a unified academic community with the basic disciplines grouped around the main library, at the heart of the central academic area; applied disciplines surrounding basic disciplines; and then the closely related disciplines, whether basic or applied, in some reasonable proximity. This 1962 plan proposed what we also are very supportive of and that is locating service buildings, varsity athletic fields, Continuing Education, Telecommunications, and non-academic facilities on the periphery of the campus in order to release space for teaching and research within the central academic area. And, finally, there was some concept of encouraging the development of, at appropriate places adjoining the campus, research-oriented industries and other University related agencies.

The specifics now will, I think, be of interest to you, because many of you are quite familiar with the campus--and so Dave Marsh is going to give you some of the specific details. Dave--

Mr. Marsh:

Thank you, Dr. Firebaugh. Let me get you oriented--I won't go into all the details that we are talking about in the plan, but I want to highlight the principal project so that you will get an idea of how we can accomplish this. [Throughout his presentation, Mr. Marsh referred to a map of the campus displayed on a projection screen at

October 5, 1984 meeting, Board of Trustees

WEST CAMPUS CHANGES AND THE
RESEARCH PARK CONCEPT (contd)

Mr. Marsh: (contd)

the front of the room.] As you know, down through here is High Street, the Oval is around this area--I know you can't see all those details on the map, but at least you can get a sense of where the buildings are. We have St. Rt. 315 down here, and then here is the West Campus area that we are concerned about.

One of the first areas that we looked at is Sullivant Hall, right here at 15th and High. That particular building has a large Biological Sciences collection in the basement in a very prime location. I refer to it jokingly as "dead storage" space, because they do store a lot of animals that are used in research and so on, things such as fish, reptiles, and so on. We would like to move that and another set of collections here in the Biological Sciences building, which would free up some space, to the West Campus area. In addition, Sullivant Hall contains offices for Continuing Education, and some Continuing Education offices are here in the Fawcett Center; we are proposing that they move to the West Campus and be consolidated on the West Campus location. That then would allow us to make the Sullivant Hall building--remodel it for undergraduate library space, which we will need when we move the students to the Central Campus area.

A second major project, located right here, is the Central Services building. This is the area that the University has its stores and supplies, and as you can see it is in the heart of the Central Campus area. It is about 50,000 square feet of space; we are proposing that that move out here along the St. Rt. 315/Kenny Road complex--the service area--and that that space be converted from a stores and receiving function into offices and classroom space.

Another major project is moving University College offices, which are here on the West Campus, to the Student Services building, which is very close to High Street and also very close to the Ohio Union. That building would be remodelled to handle University College and to provide some classroom space.

There are some other projects that are not directly related to the West Campus, at least they're not conceived for the sole purpose of solving the West Campus problem, but they contribute to the solution of the West Campus problem. One of those is in this location--the new Chemistry building that is replacing the old Sawtooth building. When it is completed within a couple of years, that would allow us to move general biology classes from the West Campus to the Central Campus area. A second project, down just across from the Main Library on Neil Avenue, is Lazenby Hall. That particular project is funded in the current Capital Plan through the State for renovation. We will make that renovation for Psychology. There is a companion project--Townshend Hall, also being renovated for Psychology, which will be completed yet this year, and that will assist in moving psychology classes to the Central Campus.

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Mr. Marsh: (contd)

There is one other project that is in planning right now and that is a replacement for the Brown Hall annex. The Brown Hall annex, again in the heart of the campus area, was the original power plant. It now serves as temporary instructional space for Architecture, but it really is in need of replacement. So we are proposing that that particular structure be demolished and replaced with a building that would address a severe problem we have in the mathematics and statistics office--housing of their faculty members; also, a consolidation of libraries, and also allow us to move the math instruction from the West Campus to the Central Campus area.

And finally, there are some projects down at the bottom of the screen--in this area--the Biological Sciences building and a connector between Parks and the Biological Sciences building. Parks Hall is the College of Pharmacy and the two--Biological Sciences building and B&Z building provide biological sciences space. Those, like the B&Z building, are in need of renovation. When it is renovated we will make provisions to accommodate lower-division biology located over here in Rightshire Hall. So, that gives you an idea of the kinds of projects that we are looking at here. There are some other smaller-level projects that, of course, will contribute to this move. But it is rather a complex move and will take, we think, around four years to make 90 per cent of the moves we are talking about here.

Now, I think with that, I would like to turn to Dr. Hollander to describe a little bit more about the West Campus and its relationship to the Research Park, because this ties together with the direction we want to move in that particular area. Dr. Hollander--

Mrs. Bowser:

Could I ask a question? What are you planning to do about traffic as you move more people into this center? Because part of the reason for West Campus was traffic control or alleviating some of the traffic congestion. What are your plans, what is your thinking on that?

Mr. Marsh:

What we will do as far as traffic and parking--and they have been looking at this particular problem or potential problem--we are looking at a differential fee for parking to encourage parking on the West Campus parking lots and then set up a bus park-and-ride system. We think that will help tremendously.

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Dr. Firebaugh:

And we also have the increase in the parking garages which you previously approved, and those will be under way. Dave, before Vice President Hollander speaks, did you address the "freed-up space?"

Mr. Marsh:

One of the major accomplishments here will be freeing up approximately 100,000 to 125,000 square feet of space on the West Campus area that will be used for research and meeting other high space demands on the campus. So, it gives us the flexibility that we don't have now.

Mr. Galbreath:

One of these projects that you mentioned--about the second one, that you were going to move material purchasing or something like that to Kenny Road. Are you moving it into an existing building?

Mr. Marsh:

No, that would be a new facility.

Mr. Galbreath:

So some of this that you are talking about will require capital expenditures and not just moving from one building to another?

Dr. Firebaugh:

Yes. And it has been included in our capital improvements planning process already.

Mr. Marsh:

That was one of the goals, to maintain and be sure we didn't add anything new.

President Jennings:

Materials/Receiving is in the capital expenditure plan and it is second or third on the priority list for the next capital bill. The key there is that we have tremendous traffic clogging up the campus as these semi-trailers come into the institution to unload right there by the power plant and it is much more convenient for the Business Management operation to get them out of that central area and distribute to campus from a more remote location.

Mr. Galbreath:

Even though it is double-handling?

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Mrs. Bowser:

It is anyway, isn't it?

President Jennings:

It is anyway and I think Dick would say that by moving from the power plant location there will be less activity because it will not only ease traffic movement, but in many places the location planned for receiving is closer to the large distribution centers--namely the Hospital, which is very far away from the present location. The material has to be trucked anyway. Do you want to add anything to that, Dick?

Mr. Jackson:

I guess the only additional comment that I would make about it is that at this time the present warehouse facility is a pretty inefficient facility, in that it has multiple floors and the floor heights were not originally designed for warehousing, and the palletizing type of operation that we have now. So that in addition to the points that you have made, we certainly strongly support the reorientation of the warehouse.

Mr. Galbreath:

I guess I am interested in--not in the specifics, because I certainly don't know the operations that well, but philosophically, you're trying to reuse a West Campus facility and you feel, too, that you are going to end up not only by using this more effectively, but by helping the Main Campus, as well?

Dr. Firebaugh:

Yes. We do think that space change will--we do not have great duplication, but we actually have some duplication today and so we would gain 90 per cent in efficiency. I suppose one of the greatest gains, though, would be for students and faculty, because now the students take courses both on the Central and West Campus, and with the changes they would be taking all their courses on the Central Campus.

President Jennings:

Part of the momentum in this project relates to our efforts to address the attrition problem for our freshmen and sophomores. With the conditional/unconditional admissions we have taken one step, but we think that an enormously important second part of our attrition problem results from the fact that our freshmen, a large group of them, tend to land at the West Campus and essentially stay there and do not get integrated into the enormous benefits of the central campus, whether it is the faculty interaction or whether it is at the

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President Jennings: (contd)

Ohio Union/Drake Union. These students have a tendency to stay on the West Campus and there is a perception that it is an extension of high school. If we can get them into campus early on, in those first few weeks, we will keep more of them. I don't think there is any question that that is a source of the attrition.

Mr. Galbreath:

Well, it all makes such good sense and I just wanted to understand it a little bit better. The only disappointing thing is that it is going to take four years to make it work.

Dr. Firebaugh:

That's all right, we started out--when the committee first reported to the President's Staff, we had about a ten-year time line, and so we got our marching orders and we think that it is fantastic to have it down to four years.

Mr. Galbreath:

Maybe by the first year we can talk about it in terms of two years.

Mrs. Bowser:

I'm sure I missed this in the conversation, but at what point did we plan the West Campus, anyway? How many years have lapsed since we changed our philosophy?

Dr. Firebaugh:

1967.

President Jennings:

Keep in mind, though, that was a time when higher education was, as we know now, making some very serious errors in enrollment projections all across the country. Freshman enrollment was expected to continue on the trend that was taking place. Our expectation was that West Campus would be a much larger portion of the campus and less of a problem, as we were just talking about, because of its size and activity. A lot of things have happened, but we have been particularly affected by the enrollment ceiling where our freshman class has been getting smaller and smaller; and depending on how successful we are in reducing attrition, will get smaller still.

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Mr. Galbreath:

How much of it is a result of the limits imposed on us and how much of it is other problems?

President Jennings:

I think, for Ohio State, virtually all of it is the limits imposed. Because while there is a demographic element, we are still, in terms of the size of our freshman class, even today, well below what we could have had had it not been for the limits. We shut off admissions to Ohio State January 5 of last year.

Mr. Galbreath:

That is probably the key to it, I think it is the limit that we didn't know we were going to get.

President Jennings:

But of course that limit today is an enormous advantage not only financially, but an advantage as these demographic trends begin to take hold. If our demand today is artificially low, we are not going to face this up and down cycle of potentially having this University pop up to 75,000-80,000 students and then pop right back down to the current 60,000 or so. Because without that limit--I agree very much with that limit; without it, I'm afraid we would have an up and then down cycle and it would hurt Ohio State very badly. Keep in mind the way that limit operates for stability purposes. If you would have applied after January 5 at Ohio State, you could have gone to a Regional Campus or you could have postponed your matriculation until the Winter Quarter; so that while we will close out people entering the Fall Quarter on the Main Campus, they are not closed out absolutely from entering Ohio State.

Mr. Galbreath:

Why can they get in in the Winter, because of attrition?

President Jennings:

The limit is imposed on the fourteenth day of the Fall Quarter when we take a snapshot of the number of students enrolled on the campus. And that snapshot is our enrollment ceiling. The very next day the number is going to be wrong again, but as long as they come in Winter Quarter that allows us to adjust the next year's freshman class.

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Mr. Teaford:

But, they will catch up to you the following fourteenth day of the Fall Quarter, anyway, if you admitted too many in that Winter Quarter.

President Jennings:

But, in the meantime we have caught up to that with our freshman class for the following year. And we have pretty good predictive power based on the numbers reported. Where you see us exceeding our enrollment ceiling, though, is that we make those judgments in January when we don't yet know the attrition rate of the previous freshman class; and that attrition has been systematically going downward. Now we are adjusting for those systematic changes, but we are not adjusting completely--I don't think we should--and the Board of Regents is cooperating with us, too, on this. We are suppose to be, I think, 800 over the ceiling for this fall. I think our numbers indicate that we will be very close to that--maybe a little above that 800 number.

Mr. Ihrig:

Yes, just a little bit above it, as far as being closer to the enrollment limit. The other factor, to complicate the question one more time, is the number of courses the students take, because the enrollment limit is not based on headcounts, but full-time equivalents or FTE. So, if the students enroll in more courses per student on the average, our FTE will go higher.

President Jennings:

So, it is just really a snapshot.

Mr. Teaford:

Where will the funds come from on the remodelling of Sullivant Hall and the stores/receiving facility?

President Jennings:

This will be--this whole project, exclusive of the capital activity--we estimate right now that it will be a \$6 million project--the entire project. That will come from the normal utilities and renovation money that is appropriated by the General Assembly in lump sum activities. In addition, there will be some reallocation of funds from the General Fund. But, I think that this is really an exciting project. The four years seems like a long time, but it is not just a building activity that would limit our remodelling; it is also the curriculum adjustment, the scheduling, and so forth that is required here. David is going through a reallocation of classroom space, and while we have a shortage of classroom space that is in use, we do

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President Jennings: (contd)

not have a shortage of classroom space in total. More classroom space will become available in time as the deans work with the Planning Office in sorting out issues of need and availability.

The 100,000 to 125,000 square feet is free space and in time we will develop a plan for that. We are trying to be very clear to the campus, though, that this is not space that will be allocated on an ad hoc basis. As these numbers become completely firm, we will start a process of planning for that. That is enormously important because we have so many needs for temporary as well as permanent research space that is low traffic-space; and this will, in time, solve an awful lot of research space issues that exist on the campus. I say that because, while I don't think we have changed directions, we have put actually some more activity into the research park. That 125,000 square feet for research, I think, fits very well into the research park concept that Jack is now going to talk about. Jack--

Dr. Hollander:

Madam Chairperson and members of the Board, I am very pleased to be with you this morning to talk about the subject of The Ohio State University Research Park. Specifically, we would like to report to you and seek Board approval of a plan to develop the first physical entities of that park. A specific resolution will come later on your agenda today. I would like to speak for a moment of the general philosophy of this plan and then turn the floor back over to David Marsh to explain some of the details of it to you.

You have heard of the word integration mentioned a couple of times already in the discussion of the West Campus, integration in terms of bringing the students who are out there--to integrate them more into the activities of the Central Campus. Well, integration is also a main element of the philosophy of this plan with respect to the Research Park, because it includes the development of the West Campus area, which has been under discussion as a major focus of research at the University, and following that, developing the Research Park as another focus of research in proximity to the West Campus area. We believe that we have selected a logical first site for the Research Park and that it is the Kinnear Road area, near to the West Campus and near to other research related entities such as the University's research center, which houses the Research Foundation, and the Computer Center, newly moved to Kinnear Road, which we have some hope will be the location of a new super computer center should we win that program from the National Science Foundation. (I am sure that you are aware that we just submitted a major proposal to the National Science Foundation for a super computer center which would be located at that same Kinnear Road computer center.)

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Dr. Hollander: (contd)

The basis of this plan is a visual and an infrastructural integration of the area from Kinnear Road to the West Campus and then all the way through to the Main Campus, which as I said includes the computer center and the research center at that location. We believe that the development of this area as The Ohio State University Research Park and research area will provide increasingly a magnet to attract research oriented companies to our vicinity. It will provide, also, an interface between campus-based research and the advanced or high technology industrial research that we hope to attract to the edges of the campus in the Research Park. This region is also near to leading R & D and information organizations that already exist, such as Battelle and Chemical Abstracts, among others.

The specifics of the initial plan are to acquire and renovate two buildings on Kinnear Road. One of these is planned to provide the home for the two Edison Centers that we recently have been awarded in the State's Thomas Alva Edison Program. They will be essentially across the street from the Computer Center. This location, in addition, will take advantage of the support services that are going to be developed over the coming months and years to support the new research activities that will be housed in the West Campus area, as you just heard described by Francille and David.

The infrastructure in this development will also link the Kinnear Road Research Center, which houses the Research Foundation, to this overall project. This will accomplish another objective and that is to help in strengthening the research development activities of the Research Foundation. You are aware, I am sure, that we engaged a faculty committee during the present calendar year to investigate and report to us on ways that the program and services of the Research Foundation could be strengthened. One of the several recommendations that they made was indeed to beef up and strengthen the development activities of the Research Foundation. Having this location integrated in with--closer to the West Campus and to the first sites of the Research Park, and with the renovation of their facilities which have not been renovated I think since--many years, will go a long way toward accomplishing the recommendations of the report from the committee of Professor Thomas Taylor. The Research Center will then become the home, not only for the Foundation, but also for our new office that we are forming for University/industry relations, the Coordinator of the Research Park, and our new University Patent Administrator's office.

So in short, this plan for this acquisition and development will allow the University to implement the Research Park in a considerably shorter time than would have been otherwise possible if we were talking about starting from the ground up with new construction. We are negotiating with a number of firms and among them are several

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Dr. Hollander: (contd)

who simply could not wait for the time it would take to build new buildings. So, we do feel that these buildings located in the West Campus area are where it makes the most sense to initiate the Research Park activities. This plan will in no way alter the more long-range consideration of the Research Park with the Ackerman Road site and Don Scott field sites which have been under discussion. Those are simply a second, or longer-range phase, of the Research Park activity and this is where we would like to begin.

I think it would probably be appropriate, since I've sketched the overall philosophy, to turn the floor back over to David Marsh, who has a pretty picture up there, and would like to talk about the details of the plan.

Mr. Marsh:

Let me get you oriented again on this particular slide. Here we have Lane Avenue, Kinnear here, Kenny, then North Star is over in this area. The West Campus area that we talked about previously is in this vicinity. Those are the existing West Campus buildings, this is the location of the West Campus parking lot, and then this is the Kinnear Road area. Currently, on Kinnear Road, the Research Center is located in this location near the Food Service Facility and the Computer Center is located here. We have these three buildings making up the National Center for Research in Vocational Education, in this area. The buildings that we are going to introduce a resolution about to the Board later today would be involved here.

The one, A-C (Allis-Chalmers), at 1100 Kinnear Road is about a 46,000 square foot building and associated with that is about 5 1/2 acres of land and it abuts, of course, the University property at this location. The second facility is identified here as FMC at 1224 Kinnear Road; it is about the same size structure--49,000 square feet, about 3 acres associated with that and that will be introduced as a lease of land with an option to purchase later.

Now, some of the site improvements that we were talking about--we would reorient these buildings, especially this FMC building, so that it will face toward the West Campus area to bring it into the campus area itself, the same for the Allis-Chalmers building. By means of landscaping and some exterior work, those can be improved so they will be integrated into the total campus area. We are also talking about major improvements in our access to this site. Right now this particular road exists as a one-lane road exiting from the West Campus parking lot to Kenny Road. It is proposed that that be expanded to at least a two-lane distribution highway along the south edge of the parking lot and then extend that around so we can have access to the Research Center and then eventually it will also intersect Kinnear Road. So that will help us in access to this whole area. In addition, we would plan to extend a roadway through from

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Mr. Marsh: (contd)

the West Campus area to the Kinnear Road area, which would give us good access to the Computer Center right here and also make this particular building--the Allis-Chalmers building--much more readily accessible from the Central Campus area. Most traffic from the Central Campus area would come across Woody Hayes Drive, Carmack Road and then have a straight shot into any of these facilities in this general area.

So, in addition, there are some other site areas available if we want to do any future expansion, here. There are also eight additional building sites up here in the West Campus area that could be used for future expansion, in addition to the Kenny Road, Ackerman Road, and Don Scott areas. Are there any questions?

President Jennings:

Just to point out that in this area is the West Campus we have just been talking about where a lot of--eventually institutional research activity will be going on. Then, up here at the top we have property capable of making--I guess what we envision now as the next major step of the Research Park activity, where potential buildings could be constructed. The third step, then, would be to move to the Kenny/Ackerman Road areas or out to Don Scott Field. You would clearly be getting an area of the campus that would be directly related to research activity--the low traffic research--where there would be laboratories, some student activity, but not much.

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FACULTY APPOINTMENTS, PROMOTIONS AND TENURE

Resolution No. 85-36

Synopsis: Approval, ratification and confirmation of policies relating to faculty appointments, promotion and tenure is proposed, these policies to be known as Faculty Rules 3335-47-1 through 3335-47-11.

WHEREAS since 1941, the University has had as a part of the rules governing the University, various written statements relating to Faculty Appointments, Promotion and Tenure; and

WHEREAS those University rules have been expanded, modified and amended from time to time, notably in 1951, 1962, and 1975 and have come to encompass rules 3335-47-1 through 3335-47-11, rule 3335-47-11 being added in May, 1984; and

WHEREAS it is desirable now to ratify and confirm, with some changes, University rules 3335-47-1 through 3335-47-11, as "Rules of the University Faculty":

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NOW THEREFORE

BE IT RESOLVED, That the Board does hereby approve, ratify and confirm the adoption of the following as "Rules of the University Faculty":

Chapter 3335-47

ADDITIONAL RULES OF THE UNIVERSITY FACULTY
CONCERNING FACULTY APPOINTMENTS, PROMOTION
AND TENURE

3335-47-01 General considerations.

- (A) Nominations for promotion and/or tenure originate in the department or appropriate academic unit in accordance with the procedures established by the unit. The recommendation must provide a comprehensive assessment of the candidate's qualifications, together with detailed evidence to support the nomination. It must also include information about the nature and extent of consultation on the matter within the academic unit and must present any significant evidence and differences of opinion which would support a contrary recommendation. Nominations will subsequently be considered by the college, and if favorable concurrence is obtained, the dean will forward the nomination, along with the dean's assessment and recommendation, to the provost. Recommendations are subject to the approval of the provost, the president, and the board of trustees.
- (B) No teacher attains tenure automatically. It may be acquired either in the original appointment to the regular faculty rank of professor, upon promotion from within the university to the rank of associate professor, or following a probationary period (as specified in rule 3335-47-09 of the Administrative Code). The granting of tenure requires the recommendation of the dean of the college after consultation with the chairperson of the applicable department, with the concurrence of the dean of the graduate school, the provost, the president, and the board of trustees.
- (C) When some of the nominations from a college involve the granting of tenure, the dean should provide a statement showing how the proposed actions will affect the long-range staffing pattern of the department and of the college, taking into consideration expected attrition, budgetary limitations, the need for flexibility, and the effect on that fraction of the faculty already tenured.
- (D) Recommendations for promotion and/or tenure should be based on the merit of the individual, on a consideration of comparable achievement in the faculty member's own field or in closely related fields and on the judicious use of the fiscal resources of the department and college. Whenever possible, consideration should be given to how the nominee stands in relation to other people in the same field outside of the university who might be considered alternative candidates for the position. All available evidence should be considered and it is the responsibility of the academic units to provide complete documentation.

FACULTY APPOINTMENTS, PROMOTIONS AND TENURE (contd)

- (E) In accordance with a policy of equality of opportunity, decisions concerning appointment, promotion, and tenure are based on the following criteria without discrimination as to race, creed, religion, national origin, age, sex, handicap, or Vietnam-era veteran status.

3335-47-02 Criteria for promotion and tenure.

- (A) Each candidate will be judged with respect to the proposed rank and duties, considering the candidate's record of performance in:
- (1) Teaching;
 - (2) Research or other creative work; and
 - (3) Service to the instructional unit, the college, and the university and public service related to academic expertise.
- (B) In evaluating the candidate's qualifications within these areas, reasonable flexibility shall be exercised, balancing, where the case requires, heavier commitments and responsibilities in one area against lighter commitments and responsibilities in another. Each candidate is expected to be engaged in a program of work that is both sound and productive. As the university enters new fields of endeavor and places new emphases on its continuing activities, instances will arise in which the proper work of faculty members may depart from established academic patterns. In such cases care must be taken to apply the criteria with sufficient flexibility. In all instances superior intellectual attainment, in accordance with the criteria set forth below, is the crucial qualification for promotion to tenured positions. Clearly, insistence upon this standard for continuing members of the faculty is necessary for maintenance of the quality of the university as an institution dedicated to the discovery and transmission of knowledge.
- (C) The criteria set forth below are intended to serve as a guide in evaluating the candidate:

Teaching. Effective teaching is a criterion essential to advancement or the award of tenure. In evaluating the effectiveness of a candidate's teaching, points such as the following should be considered: the candidate's command of the appropriate subject; the continuous growth in the field; the ability to organize the material and to present it with logic and conviction; the capacity to awaken in students an awareness of the relationship of the subject to other fields of knowledge; objectivity; the creativity, spirit, and enthusiasm which vitalize learning and teaching; the candidate's ability to arouse curiosity in beginning students and to stimulate advanced students to creative work; personal attributes as they affect teaching and students; the extent and skill of participation in the general guidance and advising of students.

FACULTY APPOINTMENTS, PROMOTIONS AND TENURE (contd)

- (D) It is the responsibility of the department chairperson to submit meaningful statements, accompanied by evidence, concerning the candidate's teaching effectiveness at lower-division, upper-division, and graduate levels of instruction commensurate with the candidate's assigned teaching responsibilities.
- (E) No single set of satisfactory measures can be prescribed. However, among significant types of evidence of teaching effectiveness are the following (not rank ordered):
- (1) Opinions of other members of the candidate's department, particularly if based on class visitations, on attendance at public lectures or lectures before professional societies given by the candidate, or on the results of the candidate's teaching in courses prerequisite to those of other members of the department;
 - (2) Opinions of students, appropriately documented and accompanied by interpretative information;
 - (3) Development by the candidate of new and effective techniques of instruction and instructional materials, particularly when evidenced by acceptance at other universities;
 - (4) Publications by the candidate on the teaching of the appropriate discipline in respected journals devoted to pedagogy; and
 - (5) Recognitions or awards for distinguished teaching.
 - (6) In addition, and of particular significance in appointment or promotion to the rank of professor,
 - (a) Opinions of graduates who have achieved notable professional success since leaving the university; and
 - (b) The number as well as caliber of students guided in research by the candidate and of those attracted to the campus by the candidate's repute as a leader.
 - (7) Research and creative work. Evidence of productivity and creativity should be sought in the candidate's published research or recognized artistic production, architectural, or engineering designs, and the like.
- (F) Publications of research and other creative accomplishment should be evaluated, not merely enumerated. There should be evidence that the candidate is continuously and effectively engaged in creative activity of high quality and significance. Work in progress should be assessed whenever possible. When published work in joint authorship (or other product of joint effort) is presented as evidence, it is the responsibility of the department to establish as clearly as possible the role of the candidate in the joint effort. Account should be taken of the type and

FACULTY APPOINTMENTS, PROMOTIONS AND TENURE (contd)

quality of creative activity normally expected in the candidate's field. Appraisals of publication or other works in the scholarly and critical literature provide important testimony. The department chairperson is expected to supplement the opinions of colleagues within the department by critical appraisals from distinguished scholars at other universities.

- (G) Textbooks, reports, circulars, and similar publications normally considered evidence of teaching ability or public service should be considered creative work when they present new ideas or incorporate scholarly research.
- (H) In certain fields such as art, architecture, dance, music, literature, and drama, distinguished achievement may be considered in addition to distinction in scholarly analysis involving the particular branch of creative endeavor. In evaluating artistic creativity, an attempt should be made to define the candidate's merit in the light of such criteria as originality, scope, and depth of creative expression. It should be recognized that in music, drama, and dance, distinguished performance, including conducting and directing, is evidence of a candidate's creativity.
- (I) Service. The faculty plays a vital role in the administration of the university at all levels and in the formulation of its policies. Recognition should therefore be given to scholars who prove themselves to be able administrators and who participate effectively and imaginatively in faculty government and the formulation of departmental, college, and university policies. Service by members of the faculty to the community, state, and nation in their special capacities as scholars should likewise be recognized. Similarly, contributions to student welfare through service on student-faculty committees and as adviser to student organizations should be acknowledged.
- (J) In certain of the colleges, a demonstrated distinction in other service responsibilities characteristic of the area should be recognized as a criterion for promotion and/or tenure. Examples include industrial consulting (engineering) and extension work (agriculture and home economics).
- (K) The candidate's professional activities should be scrutinized for evidence of achievement and leadership in the field and of demonstrated progressiveness in the development or utilization of new approaches and techniques for the solution of professional problems. It is the responsibility of the department chairperson to provide evidence of the quality of the service rendered, including statements from persons served.

3335-47-03 Probationary service, duration of appointments.

- (A) Probationary periods are established for regular faculty members with the rank of instructor, assistant professor, and associate professor. In determining the years served in these probationary periods, the following will not be credited toward the attainment of tenure: service on a regular clinical adjunct, clinical, visiting, or lecturer appointment; service (with

FACULTY APPOINTMENTS, PROMOTIONS AND TENURE (contd)

any title) on a special appointment, or part-time service at a level of less than fifty per cent of total service (as specified in one or more concurrent notices of appointment) to the university.

- (B) Leaves of absence. The period of a leave of absence may not be credited in the probationary period unless there is a written agreement to so credit it. Such an agreement will require the approval of the dean and of the provost.
- (C) The appointment of a person to a nontenured regular faculty position is probationary in nature. Appointments during the probationary period are for a one-year period and faculty members are normally reviewed annually during this time. It is during this period that persons have an opportunity to prove themselves to their peers; their record of accomplishments forms the basis for decisions concerning renewal of the appointment or the eventual decision to grant tenure or not. The faculty member will be advised of the time at which decisions affecting renewal or tenure will be made and will be afforded the opportunity to submit materials which the faculty member believes will be helpful to an adequate consideration of circumstances affecting status.
- (D) The university does not assume any continuing obligation to renew the appointment of a nontenured faculty member. Nonrenewal may be based upon such factors as changing standards of competence within a discipline, an assessment of inadequate performance or insufficient development, or any one of a number of less fully defined academic, financial, or policy reasons, but must be the result of formal annual review in accord with the review procedures established by the appropriate academic unit of the appointee. The nonrenewal of an appointment in and of itself, however, should not carry with it the implication of either incompetence or misconduct on the part of the faculty member.
- (E) Decisions affecting the nonrenewal of a probationary appointment may not be arbitrary or capricious or carried out in violation of a faculty member's right to academic freedom. Faculty rule 3335-5-05 of the Administrative Code provides a procedural mechanism under which an aggrieved probationary faculty member can challenge a nonrenewal decision believed to have been improper. In that instance, however, the burden of proof is on the probationary faculty member to establish that the nonrenewal decision was improper.

3335-47-04 Extension of the probationary period for part-time faculty.

Where a member of the regular faculty has served for a period of less than full-time service but at a level of fifty per cent or more of total service, the probationary period may be extended. Such extension must be requested at least one year in advance of the expiration of the usual probationary period and must have the approval of the dean and the provost. In such cases, the extension shall be for an integral number of years, based on the principle that the usual probationary period should represent full-time service. (For example, either two years at a fifty per cent level or four years at a seventy-five per

FACULTY APPOINTMENTS, PROMOTIONS AND TENURE (contd)

cent level would permit a one-year extension.) The maximum permissible extension of a probationary period will be three years in the case of a probationary instructor or assistant professor, and one year in the case of a probationary associate professor.

3335-47-05 Prior service.

When a faculty member has rendered prior service at or above the level of instructor at this or another university, such prior service may be included as part of the probationary period. This credit will be agreed to prior to the initial appointment and only upon the written recommendation of the chairperson of the department and the dean of the college with the concurrence of the provost.

3335-47-06 Multiple appointments.

- (A) For persons with multiple appointments, whether members of the regular faculty or the auxiliary faculty, it is important that there be a single department (or academic faculty, division, school) which will be responsible for assisting in the professional development of the faculty member and the evaluation of the faculty member; for maintaining complete records, and for initiating promotion recommendations. While tenure is a shared responsibility involving the university, the college, and the department, it is essential that a single department (or academic faculty, division, school) be responsible for the appointment of a member of the regular faculty and be responsible for initiating tenure or nonrenewal recommendations and for any eventual tenure commitment.
- (B) Multiple appointments 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 if at least one of the appointments is an appointment to a regular faculty position.

3335-47-07 Campus assignment.

The Ohio state university provides instructional programs at several locations including the central campus in Columbus, regional campuses in Lima, Mansfield, Marion, and Newark, and the agricultural technical institute (Wooster). Members of the regular faculty who receive tenure while rendering primary service on a particular campus hold tenure only at that campus.

It is the policy of the university to achieve and maintain high quality programs on each of the several campuses. Decisions regarding the selection, salary, assessment, promotion, assignment, and responsibilities of a regional campus faculty member should reflect full cooperation between the Columbus academic unit, which is responsible for instruction, and the regional campus administration. All formal recommendations (e.g., appointments, nominations for promotions or tenure, etc.) must bear the signature of the chairperson of the Columbus campus academic unit, the dean of the college of instruction, the dean of the regional campus, and the associate vice president for academic affairs (regional campuses).

FACULTY APPOINTMENTS, PROMOTIONS AND TENURE (contd)

3335-47-08 Change of tenure status.

- (A) When a faculty member moves from one department (or academic faculty, division, school) to another, responsibility for tenure consideration or tenure moves to the new instructional unit. Also, a faculty member may be considered for service on a campus other than the one at which regular faculty service was initially rendered or tenure was earned. In the case of such reassignment, which must have the prior approval of the dean and of the provost, responsibility for tenure will move to the new location.
- (B) A tenured member of the regular faculty who voluntarily agrees to reduction of appointment below fifty per cent of service to the university (as specified in the notice(s) of appointment) loses tenure except in the case of an approved leave of absence. Similarly, a tenured member of the regular faculty who changes to a regular clinical or an auxiliary faculty position loses tenure.

3335-47-09 Standards of notice.

- (A) In cases of nonrenewal of an appointment to a regular faculty rank, the university will, insofar as possible, observe the following standards of notice:
 - (1) Not later than March first of the first academic year of probationary service, if the appointment expires at the end of that year; or if a one-year appointment expires during an academic year, at least three months in advance of its expiration;
 - (2) Not later than December fifteenth of the second academic year of probationary service, if the appointment expires at the end of that year; or if an appointment expires during the second academic year, at least six months in advance of its expiration; and
 - (3) At least twelve months before the expiration of an appointment after two or more years in the institution.
- (B) These standards of notice need not apply in cases of termination for cause.
- (C) In event of a decision resulting in nonrenewal, the faculty member shall be notified in writing of that decision. Upon written request by the faculty member, reasons for the nonrenewal shall be supplied in writing.
- (D) Decisions regarding renewal of members of the auxiliary faculty (adjunct, clinical, visiting titles, or lecturers) are made annually in accordance with criteria and procedures of the appointing instructional unit and in accordance with university policies relative to auxiliary faculty positions.

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

- (A) Instructor.

October 5, 1984 meeting, Board of Trustees

FACULTY APPOINTMENTS, PROMOTIONS AND TENURE (contd)

- (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 seven-year probationary period must be completed.
 - (2) Initial appointments as an instructor are on a probationary basis. Performance is ordinarily 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 eighth year of service. If tenure is not granted, the instructor's appointment will not be renewed after the end of the seventh year.
- (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 seven-year probationary period must be completed. Service to the university as an instructor (without interruption) will be counted in meeting this probationary requirement. Tenure may be granted at an earlier time upon promotion to associate professor.

FACULTY APPOINTMENTS, PROMOTIONS AND TENURE (contd)

- (2) Initial appointments as an assistant professor are on a probationary basis. Performance is ordinarily 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 eighth year of service. If tenure is not granted, the appointment will not be renewed after the end of the seventh year.
- (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.
 - (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 to associate professor will serve a three-year probationary period. During the second year, the person involved will be informed by the chairperson or dean if tenure is to be granted beginning with the fourth year of service. If tenure is not granted, the appointment will not be renewed after then end of the third year.
- (D) Professor. Recommendations for appointment as professor are subject to the following conditions:
- (1) Formal requisite: Ph.D. degree or equivalent qualification.
 - (2) Capacities: demonstrated evidence that the person being appointed has met the criteria described in criteria for promotion and tenure in rule 3335-47-02 of the Administrative Code with distinction and that these outstanding contributions will continue.
 - (3) Tenure: tenure is automatic upon promotion or appointment to this regular faculty rank.

October 5, 1984 meeting, Board of Trustees

FACULTY APPOINTMENTS, PROMOTIONS AND TENURE (contd)

3335-47-11 Regular clinical faculty ranks.

The titles of regular clinical faculty are professor of clinical (department), associate professor of clinical (department), assistant professor of clinical (department), and instructor of clinical (department). 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 clinical departments in the college of medicine, as defined by the college of medicine.
- (2) They perform duties which consist primarily of patient care or clinical teaching.
- (3) They have the appropriate educational background and credentials to perform the duties outlined in (2).
- (4) They are essential to the continuing mission of the college of medicine as determined by the appropriate clinical department chairperson, dean of the college of medicine, 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 clinical departments, approved by the dean of the college of medicine, and vice president for academic affairs and provost.
- (4) If the appointment is not renewed, standards of notice must be in accord with rule 3335-47-09 of the Administrative Code.

FACULTY APPOINTMENTS, PROMOTIONS AND TENURE (contd)

(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 deemed appropriate, the following must be accomplished:

- (1) The process of transfer from the regular faculty to the regular clinical faculty or from the regular clinical faculty to the regular faculty is initiated only upon the written request of the faculty member. A recommendation for transfer must indicate clear evidence of a change in the individual's career goals and expectations, duties, and activities.
- (2) An individual appointed to a tenure-eligible position as an instructor or assistant professor may transfer to the regular clinical faculty at any time before the fourth year of service, or after tenure has been granted. Transfer of a tenured faculty member to the regular clinical faculty requires resignation of the tenured position.

An individual appointed to a tenure-eligible position as an associate professor, from outside the university, may transfer to the regular clinical faculty before the second year of service, or after tenure has been granted.

- (3) An individual appointed to the regular clinical faculty at the instructor, assistant professor, or associate professor level, upon transfer to a tenure-eligible position, must meet the criteria for the granting of tenure within the established time limits including that time already served in the regular clinical faculty appointment. Transfer at the professor level can be made only with concurrent granting of tenure.
- (4) All transfers must be approved by the department appointments, promotions and tenure committee, the department chairperson, the dean of the college of medicine, 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 in accordance with criteria and procedures established by departmental faculty.

- (1) A department may recommend the promotion of an assistant professor of clinical (department) to the rank of associate professor of clinical (department) at any time up to the end of the ninth year. An individual who is not promoted by the end of nine years will be

October 5, 1984 meeting, Board of Trustees

FACULTY APPOINTMENTS, PROMOTIONS AND TENURE (contd)

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

- (2) A department may recommend the promotion of an associate professor of clinical (department) to professor of clinical (department) in recognition of outstanding accomplishments. Promotion may be recommended no earlier than the third year of service as an associate professor of clinical (department). All recommendations will be reviewed by the appointments, promotions and tenure committee of the department, the college, and the office of academic affairs.

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

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RULE 3335-5-02 - APPOINTMENTS AND
CONTINUING EMPLOYMENT; CONDITIONS UPON

Resolution No. 85-37

Synopsis: Rescission of Rule 3335-5-02 (B) is proposed.

WHEREAS it is the recommendation of the University Administration that the requirements as set forth in Board of Trustees Rule 3335-5-02 (B) concerning the employee oath be rescinded:

NOW THEREFORE

BE IT RESOLVED, That effective October 5, 1984, Subparagraph (B) of Board of Trustees Rule 3335-5-02 pertaining to the employee oath be hereby rescinded, and that Subparagraph (C) shall be redesignated as Subparagraph (B) and that Subparagraph (D) shall be redesignated Subparagraph (C).

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

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NAMING OF FOUNTAIN PLAZA

Resolution No. 85-38

Synopsis: Naming of the fountain area in front of Rhodes Hall is being proposed.

October 5, 1984 meeting, Board of Trustees

NAMING OF FOUNTAIN PLAZA (contd)

WHEREAS Josephine S. and Jay L. Failer are distinguished alumni of The Ohio State University College of Pharmacy and have brought honor to the College and to the University through their personal and professional accomplishments; and

WHEREAS Mrs. Failer has carried on that tradition of loyalty, devotion and service since the passing of her husband in 1969, giving generously of her time and resources to students, faculty, alumni and the community; and

WHEREAS Mrs. Failer has served as a member of the University Hospitals Board since its establishment in 1980, and thereby her concern for others has been manifested to the Hospitals' staff, patients and their families:

NOW THEREFORE

BE IT RESOLVED, That upon the recommendation of Hospitals Administration, the Medical Staff Administrative Committee, the Joint Conference Committee, and the University Hospitals Board, in recognition of outstanding joint and individual contributions to The Ohio State University, and in gratitude for exemplary service to the Hospitals and the community, the fountain plaza at the Rhodes Hall entrance to the Hospitals be dedicated and henceforth known as the Josephine S. and Jay L. Failer Fountain Plaza.

Upon motion of Mrs. Bowser, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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HONORARY DEGREES

Resolution No. 85-39

Synopsis: Approval is requested for awarding honorary degrees to seven individuals.

WHEREAS the Committee on Honorary Degrees and the University Senate, pursuant to rule 3335-5-57 of the Administrative Code, have approved for recommendation to the Board of Trustees awarding of honorary degrees as listed below:

- | | |
|----------------------|--|
| Elise Boulding | Doctor of Social and Behavioral Sciences |
| Eva Crane | Doctor of Science |
| Torsten Hagerstrand | Doctor of Science |
| Joseph McVicker Hunt | Doctor of Science |
| Torsten Husen | Doctor of Higher Education |
| Abba G. Lichtenstein | Doctor of Engineering |
| David Riesman | Doctor of Social and Behavioral Sciences |

October 5, 1984 meeting, Board of Trustees

HONORARY DEGREES (contd)

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

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PERSONNEL ACTIONS

Resolution No. 85-40

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the September 7, 1984 meeting of the Board, including the following Change in Title, Appointment, Appointment of Chairperson of Department and Directors of Centers, Reappointment of Department Chairperson, Leaves of Absence Without Salary, Leave of Absence Without Salary--Extension, Professional Improvement Leave--Change of Date, Professional Improvement Leave--Cancellation, and Emeritus Titles as detailed in the University Budget be approved.

Change in Title

Name:	FRANCILLE M. FIREBAUGH
Title:	Vice Provost for International Affairs
Office:	Academic Affairs
Effective:	October 15, 1984
Salary:	\$71,400.00
Present Position:	Associate Provost for Academic Affairs

Appointment

Name:	TERRY A. MILLER
Title:	Professor (Ohio Eminent Scholar in Experimental Physical Chemistry)
Department:	Chemistry
Effective:	October 1, 1984
Salary:	\$65,040.00
Present Position:	Distinguished Member of Technical Staff, Bell Telephone Laboratories, Murray Hill, New Jersey

Appointment of Chairperson of Department and Directors of Centers

July 1, 1984 through June 30, 1985

Melton Center for Jewish Studies

Marc L. Raphael

October 5, 1984 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Appointment of Chairperson of Department and Directors of Centers (contd)

October 1, 1984 through June 30, 1985

Center for Comparative Studies
in the Humanities

Anthony P. Libby*

October 8, 1984 through September 30, 1988

Animal Science

Donald E. Becker

*Acting Director

Reappointment of Department Chairperson

October 1, 1985 through June 30, 1989

Judaic and Near Eastern Languages
and Literatures

Frederic J. Cadora

Leaves of Absence Without Salary

EIICHI BANNAI, Professor, Department of Mathematics, effective Spring Quarter 1985, to allow him to accept a British SERC Grant.

WILLIAM B. JOHNSON, Professor, Department of Mathematics, effective Autumn Quarter 1984 and Winter Quarter and Spring Quarter 1985, to visit Texas A & M.

LLOYD M. BERLINER, Assistant Professor, Department of Statistics, effective Autumn Quarter 1984, to accept a Visiting Professorship at the University of Michigan.

NICHOLAS ERCOLANI, Assistant Professor, Department of Mathematics, effective Autumn Quarter 1984 and Winter Quarter and Spring Quarter 1985, to accept a National Science Foundation Postdoctoral Fellowship at the University of Arizona.

Leave of Absence Without Salary--Extension

YUJI KODAMA, Assistant Professor, Department of Mathematics, extension effective Autumn Quarter 1984 and Winter Quarter and Spring Quarter 1985, to complete his work at the University of Nagoya.

Professional Improvement Leave--Change of Date

THOMAS M. WOODSON, Professor, Department of English, change professional improvement leave from Autumn Quarter 1984, Winter Quarter and Spring Quarter 1985 to Autumn Quarter 1984 and Winter Quarter 1985.

October 5, 1984 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Professional Improvement Leave--Cancellation

HARVEY M. FRIEDMAN, Professor, Department of Mathematics, effective Autumn Quarter 1984, Winter Quarter and Spring Quarter 1985.

Emeritus Titles

PHILIP B. HARDYMON, Department of Surgery, with the title Clinical Professor Emeritus, effective July 1, 1984.

WILLIAM F. MITCHELL, Department of Medicine, with the title Clinical Professor Emeritus, effective July 1, 1984.

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

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RESOLUTIONS IN MEMORIAM

Resolution No. 85-41

Synopsis: Resolutions honoring the service of two of the University's faculty members who have recently died are being 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.

Dwight M. DeLong

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on August 23, 1984, of Dwight M. DeLong, Professor Emeritus in the Department of Entomology.

Dr. DeLong was born in Corning, Ohio, on April 6, 1892, the son of a public school superintendent. He received his B.S. degree at Ohio Wesleyan in 1914. This institution later granted him the honorary D.Sc. degree in 1941. He came to Ohio State as a graduate assistant in 1914, where he received his M.S. degree in 1916. After serving in the U. S. Army in World War I, he returned to Ohio State and in 1922 received the Ph.D. degree. He served on the faculty for 45 years and since 1962 was a very active Emeritus Professor. He contributed distinguished service to this University for 70 years.

Professor DeLong was an excellent teacher of entomology. Many of our successful alumni give him credit for stimulating their interest in the field. Under Dr. DeLong's direction 98 M.S. degrees and 49 Ph.D. degrees in Entomology were earned at The Ohio State University. He was co-author of the most widely used textbook in entomology, "An Introduction to the Study of Insects."

October 5, 1984 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Dwight M. DeLong (contd)

Professor DeLong had also distinguished himself as an international authority on an important group of insects known as leafhoppers (Homoptera). This group of insects is of great economic importance because of the direct damage done to crops and because they carry important plant diseases. He published over 400 papers and monographs on the taxonomy of leafhoppers and the control of economic insects in North America.

Professor DeLong was active in various professional societies and received many awards and honors. He served as President of the Ohio Academy of Sciences in 1959 and was an Honorary Life Member of the Academy. He served as Associate and Acting Director of the Ohio Biological Survey from 1943-1958. From 1929-1936, he served as Associate Editor of the Journal of Economic Entomology and was a member of the Editorial Board. In 1964, he received the Founders Memorial Award of the Entomological Society of America. He was awarded an Honorary Life Membership by this Society in 1966. Dr. DeLong was a member of the Presidents Club at Ohio State University, and in 1962 received the Distinguished Teaching Award. He received an Honorary Doctor of Science degree from Ohio State University in 1977.

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 in 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 and The Ohio State University has sustained.

Ruth Streitz

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on August 11, 1984, of Ruth Streitz, Professor Emeritus in the Department of Educational Theory and Practice.

Dr. Streitz was born September 19, 1892 in North Platte, Nebraska. At the age of 22, she enrolled in the Pestalozzi-Froebel Teachers College in Chicago, Illinois. Following that year of study, she taught kindergarten for one year and in a junior high school for two years in Lincoln, Nebraska. From 1919-1921 she was Director of Child Welfare, Madison, Wisconsin. She was awarded a Ph.B. in 1921 and an M.A. in 1922 from the University of Chicago. Dr. Streitz was an Associate in the Bureau of Educational Research and an Instructor in the College of Education at the University of Illinois, 1922-1924. She completed work for her doctorate at Teachers College, Columbia University and was awarded the Ph.D. in 1926. She taught at the University of Cincinnati before coming to The Ohio State University in 1938.

Her field of endeavor, elementary education, led her into a very wholesome and devoted interest in young children and early childhood education. She felt privileged to have studied under John Dewey. Her writing included contributions to the Progressive Education Journal, the John Dewey Society Yearbook, and the American Elementary School. She served as Director and Chairman of

October 5, 1984 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Ruth Streitz (contd)

the Teacher Education Committee of the American Progressive Education Association. She devoted her professional life to teaching. Dr. Streitz retired from the College of Education in 1963.

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.

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

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

Resolution No. 85-42

Synopsis: The reports on contracts, grants, and gifts and the summary for August, 1984 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 and The Ohio State University Development Fund during the month of August 1984, be approved.

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

SUMMARY FOR AUGUST 1984

	No. of Projects	Support Level
The Ohio State University Research Foundation	84	\$5,339,283.19
Engineering Experiment Station	47	\$ 159,744.00
		\$5,499,027.19

October 5, 1984 meeting, Board of Trustees

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

SUMMARY FOR AUGUST 1984 (contd)

The Ohio State University Development Fund

Establishment of Named Funds

Troi O. and Dorothy H. Farmer Fund in Electrical Engineering (Aid in research, teaching and service programs)	\$ 293,034.26
Claire LaFuze Harmeyer Memorial Fund (To benefit the College of Administrative Science)	\$ 16,782.25
D. A. Price Lectureship Fund in Veterinary Medicine (Provide honoraria and expenses for an annual lecturer)	\$ 10,000.00
The Author W. "Art" Jordan Herd Excel- lence Fund (Enhance the quality of the teaching herds and flocks - Animal Science Department)	\$ 8,287.50
Arthur Z. and Elfriede H. Kovesdy Endowment Fund (Support research in the College of Optometry)	\$ 5,335.05

Report from Presidents Club

Members to date	4,673
1984-85 members: fiscal year to date	12
New members - August 1984	6

New Presidents Club Members - August 1984

George K. Brown	Martha R. Palmer
David H. Kamer	(Mrs. Charles L. III)
Terry A. Miller	Robert C. Turner
	Gene Woltering, M.D.*

*Presidents Society - Lifetime Membership

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (cont'd)

July through August
1983-84 compared to 1984-85

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

CONTRIBUTIONS BY SOURCE

	Donors			Dollars		
	July through 83-84	August 84-85	% Change	July through 83-84	August 84-85	% Change
Alumni	13,175	10,353	(21)	\$ 687,880	\$ 512,516	(25)
Non-Alumni	6,687	3,361	(50)	870,318	241,438	(72)
Corporations	517	404	(22)	812,456	542,551	(33)
Corporate/Foundations	110	94	(15)	405,386	302,564	(25)
Private Foundations	23	12	(48)	44,414	24,736	(44)
Other	211	96	(55)	226,020	187,877	(17)
Total	20,723	14,320	(31)	\$ 3,046,474	\$ 1,811,682	(41)

CONTRIBUTIONS BY TYPE

	July-August 83-84	July-August 84-85	% Change
Designated	\$ 2,720,551	\$ 1,568,079	(42)
Undesignated	276,566	218,016	(21)
Gifts-In-Kind	49,357	25,587	(48)
Total	\$ 3,046,474	\$ 1,811,682	(41)
Gifts (# of)	22,818	15,750	(31)

October 5, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Report - August 1984

Federal Research Contracts/Grants

\$791,433.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Spinal Cord Injury Research Center, Department of Surgery (W. E. Hunt and M. Beattie), Department of Physiology (B. T. Stokes and D. L. Noyes), Department of Physiological Chemistry (L. A. Horrocks), Department of Neurology (N. R. Clendenon), Department of Anatomy (J. C. Bresnahan and G. F. Martin) and Department of Pathology (A. J. Yates), 1 September 1984 through 31 August 1985. (Project 763358 - Continuation)

\$500,000.00 - Department of Commerce, National Oceanic and Atmospheric Administration, Rockville, Maryland, Ohio Sea Grant/1984-1985, Center for Lake Erie Area Research (C. E. Herdendorf and J. M. Reutter), 1 September 1984 through 31 August 1985. (Project 764320 - Continuation)

\$199,967.00 - Department of the Interior, Bureau of Mines, Pittsburgh, Pennsylvania, Analysis of Hand Tool Injuries in the Underground Mining Industries, Department of Industrial and Systems Engineering (W. S. Marras and T. H. Rockwell) and College of Engineering - Mining Engineering (R. G. Lundquist), 17 August 1984 through 16 November 1986. (Project 764311 - New)

\$145,896.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Liposome-Macrophage Activating Factor for Clinical Use, Department of Medicine (J. J. Rinehart and C. Whitacre) and Department of Microbiology (B. Zwilling), 1 July 1984 through 30 June 1985. (Project 763199 - Continuation)

\$137,664.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Ion Transport by Heart Mitochondria, Department of Physiological Chemistry (G. P. Brierley), 1 September 1984 through 31 August 1985. (Project 760026 - Continuation)

\$120,000.00 - National Science Foundation, Washington, D. C., Establishment of a Center for Welding Research, Department of Welding Engineering (K. F. Graff), 1 August 1984 through 31 July 1985. (Project 762389 - Continuation)

October 5, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$115,000.00 - Department of the Interior, Geological Survey, Reston, Virginia, Ohio Water Research Institute Program - 1984, Water Resources Center, Engineering Experiment Station and Department of Civil Engineering (R. C. Stiefel), Department of Chemical Engineering (L. S. Fan), Center for Lake Erie Area Research (C. E. Herdendorf), School of Natural Resources (D. L. Johnson), Department of Agronomy (T. J. Logan) and Department of Civil Engineering (K. W. Bedford), 1 October 1984 through 30 September 1985. (Project 764319 - Continuation)

\$109,105.00 - Department of the Navy, Navy Material Command, China Lake, California, Ram and Inlet Modeling, Department of Electrical Engineering, ElectroScience Laboratory (P. Pathak), 30 July 1984 through 29 July 1985. (Project 764295 - New)

\$108,012.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Cardiopulmonary Actions: Trimetoquinol Analogs, College of Pharmacy (D. D. Miller and D. R. Feller), 1 September 1984 through 31 August 1985. (Project 761574 - Continuation)

\$105,879.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, The Development of Precerebellar Nuclei, Department of Anatomy (J. S. King), 1 September 1984 through 31 August 1985. (Project 760045 - Continuation)

\$100,000.00 - Department of Agriculture, Cooperative State Research Service, Washington, D. C., Inhibition of N₂-Fixing Activity of Legume Nodules by Nitrate, Department of Agronomy - OARDC (J. G. Streeter), 1 September 1984 through 31 August 1986. (Project 764326 - New)

\$91,066.00 - National Science Foundation, Washington, D. C., Paleontologic and Geologic History of the James Ross Island Basin, Antarctica, Institute of Polar Studies (W. J. Zinsmeister) and Institute of Polar Studies and Department of Geology and Mineralogy (D. H. Elliot), 1 August 1984 through 31 July 1985. (Project 763601 - Continuation)

\$90,741.00 - Department of Agriculture, Cooperative State Research Service, Washington, D. C., Enteritis in Turkey Poults: The Role of Rotaviruses and Rotavirus-Like Viruses, Food Animal Health Research Program - OARDC (K. W. Theil, Y. M. Saif and P. D. Moorhead), 15 September 1984 through 30 September 1987. (Project 764314 - New)

October 5, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$89,393.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, Engineering Calculations for Communications Satellite Systems Planning, Department of Electrical Engineering, ElectroScience Laboratory (C. A. Levis) and Department of Industrial and Systems Engineering (C. H. Reilly), 13 September 1984 through 15 July 1985. (Project 762552 - Continuation)

\$88,065.00 - Department of Education, Office of Postsecondary Education, Washington, D C., The Central Ohio Consortium for the Improvement of Postsecondary Computer Science Education, Department of Computer and Information Science (S. H. Zweben), 1 October 1984 through 30 September 1985. (Project 763306 - Continuation)

\$81,323.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Pathogenesis of Virus-Induced Erythroid Aplasia, Department of Veterinary Pathobiology (G. J. Kociba and J. L. Rojko), 30 September 1984 through 29 September 1985. (Project 763853 - Continuation)

\$80,000.00 - National Science Foundation, Washington, D. C., Systematics and Evolutionary Aspects of the Order Tetrasporales (Chlorophyceae, Chlorophyta), Department of Botany (G. L. Floyd and C. J. O'Kelly), 1 September 1984 through 31 August 1986. (Project 764329 - New)

\$79,419.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Prolactinomas: *In Vivo* and *in Vitro* Studies, Department of Medicine (W. B. Malarkey) and Department of Veterinary Pathobiology (C. C. Capen), 1 July 1984 through 30 June 1985. (Project 763223 - Continuation)

\$75,000.00 - National Science Foundation, Washington, D. C., Studies of Anatomically Preserved Plants from the Permian and Triassic of Antarctica, Institute of Polar Studies and Department of Botany (T. N. Taylor), 1 August 1984 through 31 July 1985. (Project 763591 - Continuation)

\$72,959.00 - Department of the Army, Army Research Office, Research Triangle Park, North Carolina, An Investigation into the Metallurgical Aspects of Joining Rapidly-Solidified Powder Metallurgy Aluminum Alloys, Department of Welding Engineering (W. A. Baeslack, III), 1 October 1984 through 30 September 1985. (Project 764348 - 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)

\$71,000.00 - Department of the Air Force, Air Force Systems Command, Hanscom Air Force Base, Massachusetts, Theoretical Studies on Determinations, Predictions, and Accuracies of Geodetic Parameters and Gravimetric Quantities, Department of Geodetic Science and Surveying (U. A. Uotila), 27 June 1984 through 30 September 1984. (Project 762947 - Continuation)

\$70,677.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Diabetes-Vitamin E-Vascular Degeneration, Department of Physiological Chemistry (R. V. Panganamala), 1 August 1984 through 31 July 1985. (Project 761628 - Continuation)

\$70,000.00 - National Science Foundation, Washington, D. C., Organization and Development of Bulbosplinal Collaterals, Department of Anatomy (G. F. Martin, Jr.), 1 September 1984 through 31 August 1985. (Project 763771 - Continuation)

\$61,220.00 - Department of Agriculture, Cooperative State Research Service, Washington, D. C., Inheritance of Antibiosis Resistance to Mexican Bean Beetle in Soybeans, Department of Agronomy - OARDC and Department of Agronomy (S. K. St. Martin), Department of Chemistry (J. S. Swenton) and Department of Entomology - OARDC (R. B. Hammond), 1 August 1984 through 31 July 1987. (Project 764307 - New)

\$60,000.00 - Department of Energy, Albuquerque, New Mexico, Membership in The Ohio State University Center for Welding Research, Department of Welding Engineering (K. F. Graff), 1 August 1984 through 31 July 1985. (Project 764315 - New)

\$60,000.00 - National Science Foundation, Washington, D. C., Chemosystematics, Cytology, Phylogeny, and Evolution of Nassauvia (Compositae, Mutisieae), Department of Botany (T. F. Stuessy and D. Crawford), 1 September 1984 through 31 August 1987. (Project 764331 - New)

\$59,527.00 - Department of Education, Office of Educational Research and Improvements, Washington, D. C., Analytical Studies of NCES Longitudinal Studies Data - Impact of Vocational Education, The National Center for Research in Vocational Education (R. E. Taylor), 1 October 1984 through 31 October 1985. (Project 764322 - New)

October 5, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$56,895.00 - National Aeronautics and Space Administration, George C. Marshall Space Flight Center, Marshall Space Flight Center, Alabama, Develop a Coaxial Viewing and Vision System for Gas Tungsten Arc Welding, Department of Welding Engineering (R. W. Richardson), 1 May 1984 through 30 November 1984. (Project 763891 - Continuation)

\$55,000.00 - National Science Foundation, Washington, D. C., Regulation of Dihydrofolate Reductase Gene Expression, Department of Biochemistry (L. F. Johnson), 15 August 1984 through 14 August 1985. (Project 763775 - Continuation)

\$50,000.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Radar Target Classification Studies, Department of Electrical Engineering, ElectroScience Laboratory (E. K. Walton), 1 August 1984 through 31 July 1985. (Project 764323 - New)

\$46,669.00 - Department of Education, Office of Special Education and Rehabilitation Services, Washington, D. C., Project Leisure Education - Participation, School of Health, Physical Education and Recreation (W. F. Ersing) and School of Health, Physical Education and Recreation and University Recreation and Intramural Activities (M. A. Daniels), 30 September 1984 through 29 September 1985. (Project 764330 - New)

\$45,000.00 - Department of Energy, Argonne, Illinois, Construction of a High Precision Vertex Detector to be Installed in the CLEO Experiment at the Cornell Electron Storage Ring, Department of Physics (H. P. Kagan), 1 July 1984 through 30 June 1985. (Project 764321 - New)

\$44,790.00 - National Science Foundation, Washington, D. C., The Evolution of the Compositae of the Juan Fernandez Islands, Department of Botany (T. F. Stuessy and D. J. Crawford), 1 August 1984 through 31 July 1985. (Project 763738 - Continuation)

\$35,000.00 - Department of the Air Force, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio, Study of Electromagnetic Scattering by Certain Types of Apertures and Cavities, Department of Electrical Engineering, ElectroScience Laboratory (P. H. Pathak), 15 August 1984 through 30 September 1984. (Project 764343 - New)

\$35,000.00 - Environmental Protection Agency, Washington, D. C., The Parameterization of Sediment Resuspension Effects for Hazard Evaluation, Department of Civil Engineering (K. W. Bedford), 1 July 1984 through 31 March 1985. (Project 764312 - 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)

\$30,000.00 - National Science Foundation, Washington, D. C., Relaxation and Magnetic Ordering in Highly Polarized Spin Systems, Department of Physics (J. R. Gaines), 1 August 1984 through 30 November 1984. (Project 764313 - New)

\$25,000.00 - National Science Foundation, Washington, D. C., Presidential Young Investigator Award - Fracture and Toughening of Ceramic Materials, Department of Ceramic Engineering (K. T. Faber), 1 July 1984 through 30 June 1985. (Project 764324 - New)

\$21,750.00 - Department of Health and Human Services, Public Health Service, Center for Disease Control, Atlanta, Georgia, Isometric versus Isokinetic Back Lifting Performance, Department of Industrial and Systems Engineering (W. S. Marras), 1 August 1984 through 31 July 1985. (Project 763720 - Continuation)

\$10,000.00 - Department of Housing and Urban Development, Washington, D. C., National Conference on Pricing the Call and Default Options in Mortgage Contracts, Academic Faculty of Finance (P. Hendershott), 17 August 1984 through 17 April 1985. (Project 764304 - New)

\$10,000.00 - National Science Foundation, Washington, D. C., Field Theory in Flat and in Curved Space-Times, Department of Mathematics (U. H. Gerlach), 1 July 1984 through 30 June 1985. (Project 763234 - Continuation)

\$9,292.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Modulation of Oncogene Expression by Pharmacological Agents, Departments of Pharmacology and Radiology (S. D'Ambrosio) and Department of Pharmacology (H. Duran), 1 September 1984 through 31 August 1985. (Project 764340 - New)

\$9,128.00 - Environmental Protection Agency, Chicago, Illinois, Mud Creek Watershed Project, Department of Agronomy - OARDC and Department of Agronomy (T. J. Logan), 1 July 1984 through 30 September 1985. (Project 764339 - New)

\$5,000.00 - Department of Commerce, National Oceanic and Atmospheric Administration, Ann Arbor, Michigan, A Cooperative Program in Great Lakes Research and Technology Transfer, Center for Lake Erie Area Research (C. E. Herdendorf), 1 September 1984 through 31 December 1984. (Project 764347 - 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)

\$5,000.00 - Department of the Navy, David Taylor Naval Ship Research and Development Center, Annapolis, Maryland, Fabrication of Weldments Containing Longitudinal Weld Cracks, Department of Welding Engineering (D. Howden), 1 September 1984 through 31 October 1984. (Project 764332 - New)

\$5,000.00 - National Science Foundation, Washington, D. C., Acquisition of Mathematical Sciences Research Equipment, Department of Statistics (P. K. Goel), 1 September 1984 through 31 August 1985. (Project 764333 - New)

\$4,843.00 - Department of Transportation, National Highway Traffic Safety Administration, East Liberty, Ohio, Pedestrian Thorax Impact Reconstruction, Department of Mechanical Engineering (D. A. Guenther), 1 July 1984 through 15 September 1984. (Project 763951 - Continuation)

\$4,050.00 - National Advisory Council on Vocational Education, Washington, D. C., Preparation of Proceedings for the Conference, "Vocational Education and Training Policy for Today and Tomorrow," The National Center for Research in Vocational Education (R. E. Taylor), 1 July 1984 through 31 August 1984. (Project 764328 - New)

\$4,000.00 - National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland, Differences in Chromospheres in Selected Grants: Study of Alpha Orionis Winds, Department of Astronomy (R. F. Wing), 1 December 1984 through 30 November 1985. (Project 761634 - Continuation)

\$3,625.00 - National Science Foundation, Washington, D. C., Orthogonal Polynomials and Interpolation, Department of Mathematics (P. Nevai), 20 August 1984 through 31 May 1985. (Project 763583 - Continuation)

\$650.00 - Department of the Interior, Geological Survey, Menlo Park, California, Preparation of Free-Air Gravity Anomaly Maps for the Circum-Pacific Map Project, Department of Geodetic Science and Surveying (R. H. Rapp), 30 July 1984 through 15 September 1984. (Project 763928 - Continuation)

TOTAL - FEDERAL AWARDS

\$4,149,038.00

State of Ohio Research Contracts/Grants

\$39,486.00 - State of Ohio, Department of Health, Columbus, Ohio, Comprehensive Adult Hemophilia Clinic, Department of Medicine (S. P. Balcerzak), 1 July 1984 through 30 June 1985. (Project 762760 - Continuation)

October 5, 1984 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)

\$25,000.00 - State of Ohio, Department of Agriculture, Columbus, Ohio, Governor's Commission on Agriculture, Department of Agricultural Economics and Rural Sociology - OARDC and Department of Agricultural Economics and Rural Sociology (D. R. Henderson), 1 July 1984 through 30 June 1985. (Project 764318 - New)

\$7,000.00 - State of Ohio, Department of Mental Health, Columbus, Ohio, Graduate Nurse Training, College of Nursing (J. A. Clement), 1 July 1984 through 30 June 1985. (Project 763956 - Continuation)

TOTAL - STATE OF OHIO AWARDS **\$ 71,486.00**

Industrial Research Contracts/Grants

\$148,694.00 - Koppers Company, Inc., Monroeville, Pennsylvania, Study of Modified Electrodes for Electrosynthetic Purposes, Department of Chemistry (T. Kuwana), 1 September 1984 through 31 August 1986. (Project 762217 - Continuation)

\$129,080.00 - Minnesota Mining and Manufacturing Company (3M), St. Paul, Minnesota, Diagnostic Kit for Cancer, Department of Physiological Chemistry (T. E. Webb and D. E. Schumm) and Department of Medical Microbiology and Immunology (R. W. Lang), 1 September 1984 through 28 February 1986. (Project 764336 - New)

\$109,987.00 - Oxford Research International Corp., Clifton, New Jersey, Protocol for A Double-Blind Placebo Controlled Escalating Multiple Dose Study to Evaluate the Safety and Toleration of Suloctidil (Monsanto) in Healthy Geriatric Volunteers, Department of Pharmacology (N. Gerber), 16 July 1984 through 30 September 1984. (Project 764001 - Continuation)

\$49,419.00 - Monsanto Company, St. Louis, Missouri, Responses of Lactating Dairy Cows to Polychlorinated Biphenyls, Department of Dairy Science - OARDC (L. B. Willett), 26 August 1984 through 30 June 1985. (Project 763767 - Continuation)

\$32,737.00 - RCA Service Corporation, Cherry Hill, New Jersey, Preparing Personnel to Implement and Operate a Vocational Training MIS (Management Information System) in Egypt, The National Center for Research in Vocational Education (R. E. Taylor), 20 May 1984 through 5 November 1984. (Project 764310 - New)

\$19,227.00 - International Business Machines Corporation, Owego, New York, Spiral Circuit Analysis, Department of Electrical Engineering, ElectroScience Laboratory (E. Newman), 9 July 1984 through 15 November 1984. (Project 764325 - New)

October 5, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial Research Contracts/Grants (contd)

\$6,264.00 - Smith, Kline and French Laboratories, Philadelphia, Pennsylvania, Comparison of Auranofin with Placebo in the Treatment of Psoriatic Arthritis (AU-113), Department of Medicine (S. M. Kantor), 1 July 1984 through 31 December 1984. (Project 764335 - New)

\$5,000.00 - General Electric Company, Cincinnati, Ohio, Presidential Young Investigator Award, Department of Metallurgical Engineering (R. H. Wagoner), 7 August 1984 through 31 December 1984. (Project 764071 - Continuation)

\$5,000.00 - Hoffmann-LaRoche Inc., Nutley, New Jersey, Research in Clinical Pharmacology, Department of Pharmacology (N. Gerber), 1 July 1984 through 30 June 1985. (Project 764001 - Continuation)

\$39.00 - CSG Corporation, Washington, D. C., Technical Assistance Project for the Microcomputer Choices Program, The National Center for Research in Vocational Education (R. E. Taylor), 1 July 1984 through 31 December 1984. (Project 763026 - Continuation)

TOTAL - INDUSTRIAL AWARDS

\$ 505,447.00

Other Non-Federal Research Contracts/Grants

\$167,528.00 - Electric Power Research Institute, Palo Alto, California, Corrosion and Corrosion Cracking for Water Cooled Reactors, Department of Metallurgical Engineering (B. E. Wilde), 1 September 1984 through 31 August 1985. (Project 760982 - Continuation)

\$99,854.00 - University of Michigan, Ann Arbor, Michigan, Genes on Mitochondrial DNA, Department of Genetics (P. S. Perlman), 1 September 1984 through 31 August 1985. (Project 764327 - Continuation)

\$85,859.00 - Muscular Dystrophy Association, New York, New York, Clinical Investigation of Duchenne Dystrophy, Department of Neurology (J. R. Mendell), 1 July 1984 through 30 June 1985. (Project 761360 - Continuation)

\$61,236.00 - Battelle Memorial Institute, Columbus, Ohio, Soviet Responses to Development of U. S. ABM System, Mershon Center for Education (C. F. Hermann), 1 August 1984 through 31 January 1985. (Project 764342 - 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)

\$25,000.00 - March of Dimes Birth Defects Foundation, White Plains, New York, Proteins that Covalently Bind to DNA: Their Role in Gene Expression in the Developing Embryo, Department of Microbiology (M. T. Muller), 1 September 1984 through 31 August 1985. (Project 763776 - Continuation)

\$20,897.07 - University of Wisconsin, Madison, Wisconsin, Education Development Training Project, Academic Affairs - Administration (D. G. McCloud), 1 January 1984 through 31 August 1984. (Project 764305 - New)

\$19,644.00 - New Mexico Institute of Mining and Technology, Socorro, New Mexico, A Proposed Subcontract for Research on the Volcanic and Climatic Record of Antarctic Ice Cores, Institute of Polar Studies (E. Mosley-Thompson and D. Elliot), 1 January 1984 through 30 April 1985. (Project 763009 - Continuation)

\$17,160.00 - Columbus Jobs Development Department, Columbus, Ohio, Area Commission Intern Program, Department of City and Regional Planning (S. I. Gordon), 1 April 1984 through 30 June 1984. (Project 763520 - Continuation)

\$16,181.00 - Electric Power Research Institute, Palo Alto, California, Causes and Corrective Actions for Pitting in Steam Generator Tubing, Department of Metallurgical Engineering (S. S. Smialowska), 24 May 1983 through 31 October 1984. (Project 763582 - Continuation)

\$16,000.00 - Eight Members of the National Alliance of Post-secondary Education Institutions/Districts, National Alliance of Postsecondary Education Institutions/Districts, The National Center for Research in Vocational Education (R. E. Taylor), 1 July 1984 through 30 June 1985. (Project 763548 - Continuation)

\$15,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Diuretic Effects on Rhythm in Chronic Ischemic Canine Model, Department of Veterinary Clinical Sciences (W. W. Muir, III) and Department of Medicine (B. L. Wilkoff), 1 October 1984 through 30 September 1985. (Project 764341 - New)

\$13,948.00 - American Lung Association of Ohio, Columbus, Ohio, Oxidant Injury in the Lower Respiratory Tract of Cigarette Smokers: The Effect of Oral Vitamin E Therapy, Department of Medicine (W. B. Davis), 1 July 1984 through 30 June 1985. (Project 764316 - 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)

\$12,240.00 - Mayo Foundation, Rochester, Minnesota, Mechanical Factors Determining Collateral Gas Flow in Dog Lungs, Department of Veterinary Physiology and Pharmacology (L. E. Olson), 1 July 1984 through 30 June 1985. (Project 763974 - Continuation)

\$11,450.00 - University of Pittsburgh, Pittsburgh, Pennsylvania, NSABP Colo-Rectal Protocols, Department of Surgery (W. B. Farrar), 1 February 1984 through 31 January 1985. (Project 763581 -Continuation)

\$10,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Characterization of Nonlinear Procainamide Disposition, College of Pharmacy (J. J. Lima and J. D. Coyle), 1 October 1984 through 30 September 1985. (Project 764337 - New)

\$6,666.00 - National Kidney Foundation of Central Ohio, Inc., Columbus, Ohio, Binding of Fibronectin to Immune Complexes, Department of Medicine (F. G. Cosio), 1 July 1984 through 30 June 1985. (Project 764308 - New)

\$6,666.00 - National Kidney Foundation of Central Ohio, Inc., Columbus, Ohio, Helper and Cytotoxic T Cell Function at the Site of a Rejecting Allograft, Department of Surgery (C. G. Orosz), 1 July 1984 through 30 June 1985. (Project 764309 - New)

\$3,740.00 - North Atlantic Treaty Organization, Brussels, Belgium, Pipeline Transport of Viscous Crudes as Oil-in-Water Emulsions, Department of Chemical Engineering (J. L. Zakin), 1 July 1984 through 30 June 1985. (Project 764334 - New)

\$2,000.00 - New York State Occupational Information Coordinating Committee, Albany, New York, Dissemination and Field Test of Integrating the Occupational Outlook Handbook into the Curriculum, The National Center for Research in Vocational Education (R. E. Taylor), 1 March 1984 through 30 April 1984. (Project 763622 - Continuation)

\$2,000.00 - State Board for Community Colleges and Occupational Education, Denver, Colorado, National Entrepreneurship Education Consortium, The National Center for Research in Vocational Education (R. E. Taylor), 1 July 1984 through 30 June 1985. (Project 764317 - New)

\$243.12 - Washington State Community College District No. 17, Spokane, Washington, National Alliance of Postsecondary Education Institutions/Districts, The National Center for Research in Vocational Education (R. E. Taylor), 1 July 1984 through 30 June 1985. (Project 763548 - Continuation)

TOTAL - OTHER NON-FEDERAL AWARDS

\$ 613,312.19

October 5, 1984 meeting, Board of Trustees

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

ENGINEERING EXPERIMENT STATION

State Sponsored Research and Development

\$11,936.00 - Ohio Department of Transportation, Columbus, Ohio, "Resurfacing, Restoration and Rehabilitation of Highways -- A Three Day Seminar," Department of Civil Engineering, 1 August 1984 through 30 September 1984. (312130/7625)

Industrial and Other Sponsored Research and Development

\$97,945.00 - from 34 sponsors of 42 development projects under the direction of six engineering departments.

\$35,799.00 - Firestone Tire and Rubber Company, Akron, Ohio, "The Measurement of Tire Static Stiffness and Their Relation to the Relaxation Lengths," Department of Mechanical Engineering, 6 August 1984 through 5 February 1985. (529662)

\$11,000.00 - Cleveland Electric Illuminating, Cleveland, Ohio, "Control Rod Pattern Exchange in BWR/6 Utilizing Gang Mode Withdrawal," Department of Mechanical Engineering, 1 July 1984 through 30 October 1984. (529661)

\$10,000.00 - Huntsman Chemical, Columbus, Ohio, "Polymer Engineering Research Program (PERP)," Department of Chemical Engineering, 1 July 1984 through 30 June 1985. (529638)

\$5,000.00 - C. A. Schwartz Co., Beachwood, Ohio, "Characterization of High Frequency Resistance Welding Transformers," Department of Welding Engineering, 1 August 1984 through 30 September 1984. (529663)

TOTAL - INDUSTRIAL AND OTHER SPONSORED RESEARCH \$ 159,744.00

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Establishment of Named Funds

Troi O. and Dorothy H. Farmer Fund
in Electrical Engineering

The Troi O. and Dorothy H. Farmer Fund in Electrical Engineering was established October 5, 1984, by the Board of Trustees of The Ohio State University with gifts to the Office of University Development from the estates of Troi O. Farmer, B.S.E.E., 1913, and Dorothy H. Farmer.

All gifts are to be invested in the University's Permanent Endowment Fund, under the 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, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

**Troi O. and Dorothy H. Farmer Fund
in Electrical Engineering (contd)**

The annual income is to be used for those programs which will aid the research, teaching and service programs/facilities within the Department of Electrical Engineering in the College of Engineering. The Chairperson of the Department of Electrical Engineering will have sole authority to authorize expenditures from the fund, as approved by the Dean of the College of Engineering.

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 electrical engineering education.

Claire LaFuze Harmeyer Memorial Fund

The Claire LaFuze Harmeyer Memorial Fund was established October 5, 1984, by the Board of Trustees of The Ohio State University with a gift to the Office of University Development from the estate of Claire LaFuze Harmeyer.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used for the benefit of the College of Administrative Science as determined by the Dean of the College.

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 based on the donor's original intent.

**D. A. Price Lectureship Fund
in Veterinary Medicine**

The D. A. Price Lectureship Fund in Veterinary Medicine was established October 5, 1984, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Office of University Development from the American Veterinary Medical 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.

October 5, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

D. A. Price Lectureship Fund
in Veterinary Medicine (contd)

The annual income is to be used to provide honoraria and expenses for an annual lecturer invited by the College of Veterinary Medicine to present views on, and to stimulate interest and discussion of issues in, various topics within veterinary medicine. The visiting lecturer would spend one to three days on campus presenting lectures, meeting students formally in classes, and meeting students informally outside classes. The selection is to be made by the Dean of the College of Veterinary Medicine.

Should the need for this lectureship 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 veterinary medical education.

The Author W. "Art" Jordan
Herd Excellence Fund

The Author W. "Art" Jordan Herd Excellence Fund was established October 5, 1984, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund. This fund was established by alumni of the Department of Animal Science, livestock industry supporters, and the family of Author W. "Art" Jordan.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income will be used to enhance the quality of the teaching herds and flocks maintained by the Animal Science Department, specifically swine, beef cattle, and sheep. Superior genetic material will be introduced in these herds through artificial insemination, embryo transplants, animals owned or leased, or other scientific methods that may be discovered. All expenditures will be approved by the Department Chairperson.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income from the fund may be used for any purpose whatsoever as determined by the Board of Trustees with preference being given to recommendations from the Dean of the College of Agriculture of The Ohio State University.

October 5, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Arthur Z. and Elfriede H. Kovesdy Endowment Fund

The Arthur Z. and Elfriede H. Kovesdy Endowment Fund was established October 5, 1984, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Arthur Z. Kovesdy, B.S., Optometry, 1959.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to support research in the College of Optometry as determined by the Dean of the College of Optometry. If the funds for research in the college are so ample that other purposes for the income of this endowment are possible, the Dean is authorized to use the income in any way which will improve the excellence of the College of Optometry.

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 optometry education.

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**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS**

Resolution No. 85-43

Synopsis: Contracts have been awarded for the projects listed below to the lowest and best bidders in accordance with University procedures.

WHEREAS resolutions adopted by the Board of Trustees at previous meetings authorized the President and/or Vice President for Business and Finance to sign the plans and specifications and, in accordance with established University procedures, to request bids and, if satisfactory bids were received, to recommend to the Department of Administrative Services, Division of Public Works, the award of contracts for the following projects:

CENTER FOR LAKE ERIE AREA RESEARCH

Description: Construction of new housing units and Stone Laboratory improvements, installation of sewage treatment, primary electric, and improvements to the existing dining facility. Work is scheduled for completion by September 1, 1985.

October 5, 1984 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

CENTER FOR LAKE ERIE AREA RESEARCH (contd)

General Contract

Date Received:	August 9, 1984
No. of Bids:	3
Low Bid:	\$768,000.00*
High Bid:	\$816,125.00*
Estimate of Cost:	\$830,750.00*
Awarded to:	The Spieker Co., Holland, Ohio

Plumbing Contract

Date Received:	June 1, 1984
No. of Bids:	3
Low Bid:	\$145,300.00*
High Bid:	\$179,390.00*
Estimate of Cost:	\$168,900.00*
Awarded to:	Clem Less, Inc., Toledo, Ohio

HVAC Contract

Date Received:	June 1, 1984
No. of Bids:	2
Low Bid:	\$ 50,600.00*
High Bid:	\$ 59,083.00*
Estimate of Cost:	\$ 56,300.00*
Awarded to:	Hank's Plumbing, Sylvania, Ohio

*Recommended alternates reflected in these figures.

October 5, 1984 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

CENTER FOR LAKE ERIE AREA RESEARCH (contd)

Electrical Contract

Date Received:	June 1, 1984
No. of Bids:	4
Low Bid:	\$ 174,000.00*
High Bid:	\$ 224,730.00*
Estimate of Cost:	\$ 223,500.00*
Awarded to:	Romanoff Electric, Toledo, Ohio
Total All Contracts:	\$1,137,900.00*
Total Contingency Allowance:	\$ 74,979.70 (which is 7 per cent of construction costs)
Total Project Cost:	\$1,382,000.00*
Funding:	Senate Bill 381, House Bill 798 and University Funds B/A 885251

CAMPUS LOTS, WALKS, AND CURBS - REPAIRS 1984

Description: Repair, slurry seal, emulsion seal coat and reconstruct various parking lots on the central campus and at Don Scott Field, and extend Jesse Owens Plaza across Woody Hayes Drive to accommodate pedestrian traffic between the Stadium and St. John Arena. Work is scheduled to be completed by October 1, 1984.

General Contract

Date Received:	August 23, 1984
No. of Bids:	3
Low Bid:	\$195,249.70*
High Bid:	\$204,317.92*
Estimate of Cost:	\$201,480.50*
Awarded to:	Miller Sealing & Trucking Co. Inc., Hilliard, Ohio

*Recommended alternates reflected in these figures.

October 5, 1984 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

CAMPUS LOTS, WALKS, AND CURBS - REPAIRS 1984 (contd)

Total All Contracts:	\$195,249.70*
Total Contingency Allowance:	\$ 16,020.27 (which is 8 per cent of construction costs)
Total Project Cost:	\$216,200.00*
Funding:	University Funds B/A 885071 (Traffic & Parking) University Funds B/A 885200

MEANS HALL ROOF REPLACEMENT

Description: This project will provide a complete water-tight roof system to replace the deteriorated roof on Means Hall. Completion is scheduled for January, 1985.

General Contract

Date Received:	August 31, 1984
No. of Bids:	3
Low Bid:	\$150,000.00*
High Bid:	\$164,895.00*
Estimate of Cost:	\$161,000.00*
Awarded to:	The Bright Company, Columbus, Ohio
Total All Contracts:	\$150,000.00*
Total Contingency Allowance:	\$ 11,800.00 (which is 8 per cent of construction costs)
Total Project Cost:	\$166,000.00*
Funding:	University Hospitals Funds B/A 885198

*Recommended alternates reflected in these figures.

October 5, 1984 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (cont'd)

LAND IMPROVEMENTS - NEW AGRONOMY FARM
OHIO AGRICULTURAL RESEARCH AND DEVELOPMENT CENTER

Description: This project will provide a complete all weather driveway system to test plot areas, provide complete and proper surface and subsurface drainage systems, and provide an irrigation water source by drilling a well and installing buried water mains. Work is scheduled for completion Spring, 1985.

General Contract

Date Received:	August 21, 1984
No. of Bids:	3
Low Bid:	\$124,900.00*
High Bid:	\$153,750.00*
Estimate of Cost:	\$122,000.00*
Awarded to:	George G. Lockhart d/b/a Spring Valley Co., Akron, Ohio

Well Drilling Contract

Date Received:	August 21, 1984
No. of Bids:	3
Low Bid:	\$ 9,360.00
High Bid:	\$ 16,536.00
Estimate of Cost:	\$ 12,250.00
Awarded to:	Frontz Drilling, Wooster, Ohio

Total All Contracts:	\$134,260.00*
Total Contingency Allowance:	\$ 9,574.70 (which is 7 per cent of construction costs)
Total Project Cost:	\$147,930.00
Funding:	Senate Bill 381

*Recommended alternate reflected in these figures.

NOW THEREFORE

October 5, 1984 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

BE IT RESOLVED, That pursuant to the actions previously authorized by the Board, the award of contracts and the establishment of project funds and contingency funds for the projects listed above are hereby approved.

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

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**ACQUISITION OF LAND AND IMPROVEMENTS
1100 KINNEAR ROAD, COLUMBUS, OHIO**

Resolution No. 85-44

Synopsis: Acquisition of 5.562 acres of land with improvements at 1100 Kinnear Road is proposed.

WHEREAS The Ohio State University desires additional land and facilities to establish temporary accommodations for organizations participating in the proposed University Research Park; and

WHEREAS Allis-Chalmers, Inc., owns approximately 5.562 acres of land at 1100 Kinnear Road with one building containing a total area of approximately 46,484 square feet and has offered this property for sale; and

WHEREAS the appropriate University offices are in agreement as to the desirability of acquiring this property:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Finance be authorized to purchase, at a price of \$825,000.00, in the name of the Board of Trustees, the property at 1100 Kinnear Road under such terms and conditions as they consider to be in the best interest of the University.

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

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**LEASE OF LAND AND IMPROVEMENTS
1224 KINNEAR ROAD, COLUMBUS, OHIO**

Resolution No. 85-45

Synopsis: Lease of 3.18 acres of land with improvements at 1224 Kinnear Road, Columbus, Ohio, is proposed.

October 5, 1984 meeting, Board of Trustees

**LEASE OF LAND AND IMPROVEMENTS
1224 KINNEAR ROAD, COLUMBUS, OHIO (contd)**

WHEREAS The Ohio State University desires additional land and facilities to establish temporary accommodations for organizations participating in the proposed University Research Park; and

WHEREAS Byers Realty owns approximately 3.18 acres of land at 1224 Kinnear Road with buildings containing a total area of approximately 49,000 square feet and has offered to lease this property to the University for a period of ten years with an option to purchase the property; and

WHEREAS the appropriate University offices are in agreement as to the desirability of leasing this property from Byers Realty;

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Finance be authorized to negotiate the terms of the proposed lease and option to purchase with Byers Realty; the initial rent shall be \$1.83 per square foot (total annual rent of approximately \$89,763.00) and the option purchase price shall be \$750,000.00; and said officers shall develop and execute on behalf of the Board of Trustees the necessary legal instruments for this lease.

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

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IMPROVEMENT IN LONG-TERM DISABILITY PROGRAM BENEFITS

Resolution No. 85-46

Synopsis: An improvement in the long-term disability program benefits is proposed.

WHEREAS the Board of Trustees on March 1, 1974 recommended the establishment of a long-term disability program effective July 1, 1974; and

WHEREAS the program awarded to the Teachers Insurance Annuity Association guaranteed all regular faculty/staff working 50 per cent or more time a minimum benefit of 40 per cent of salary subject to a maximum monthly benefit of \$2,000; and

WHEREAS the maximum monthly benefit effective July 1, 1980 was increased to \$3,000; and

WHEREAS the Faculty Compensation and Benefits Committee has made a comparative analysis of all the program elements and based on this review has recommended an increase in this program;

NOW THEREFORE

October 5, 1984 meeting, Board of Trustees

IMPROVEMENT IN LONG-TERM DISABILITY PROGRAM BENEFITS (contd)

BE IT RESOLVED, That effective October 1, 1984, the monthly benefit be increased to 50 per cent of salary to a maximum of \$4,500, resulting in a corresponding increase in the monthly premium for each eligible faculty/staff member from \$3.75 to \$4.67. The total estimated annual cost for the long-term disability program will be \$840,600; and

BE IT FURTHER RESOLVED, That the coverages, premium and performance of the carrier be reviewed annually with the contract remaining in force until such time as it is deemed appropriate to seek new proposals.

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

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**NON-MANDATORY TRANSFER FROM CURRENT FUNDS
FISCAL YEAR 1983-84**

Resolution No. 85-47

Synopsis: Transfers to Loan Funds, Endowment Principal Funds, Unexpended Plant Funds, Renewals and Replacements Funds-Remodeling and Renovation, and Renewals and Replacements Funds-Repairs and Replacements is being recommended for approval.

WHEREAS non-mandatory transfers from current funds for the fiscal year 1983-84 have been made; and

WHEREAS this accounting procedure is in compliance with the Auditor of State that all transfers made among fund groups during the fiscal year be reported:

NOW THEREFORE

BE IT RESOLVED, That the transfers as detailed in the accompanying report be accepted and approved.

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

Account Description	Account Number	Transferred from Account Number	Amount
To: Loan Funds			
International Students	177	015800	\$ 11,400.00
To: Endowment Principal Funds			
Quasi Endowment	070004	020000	\$ 3,548,072.00
The William H. Davis Endowment for Basic Medical Research	071603	015018	100,000.00

October 5, 1984 meeting, Board of Trustees

NON-MANDATORY TRANSFER FROM CURRENT FUNDS
FISCAL YEAR 1983-84 (contd)

Account Description	Account Number	Transferred from Account Number	Amount
To: Endowment Principal Funds			
The Harold L. and Audrey Enarson Professorship in Public Policy	071968	015032	\$ 53,721.96
The Ohio State University Name and Seal Scholarship Fund	075427	015102	50,000.00
University Hospital Quasi Endowment	077418	019000	1,000,000.00
Unrestricted Gifts	077435	015018	803,768.26
		015024	15,000.00
Total Transfers to Endowment Principal Funds			\$ 5,570,562.22
To: Unexpended Plant Funds			
A.T.I. Residence Hall	082027	016024	\$ 800,000.00
Eye Center-Clinics Building	082050	025415	(2,561.48)
U.S.C.C. Cable Project	082054	010058	71,504.77
University Art Center	082055	015018	100,000.00
Rardin Family Practice Center	082056	025968	2,073.42
		033702	526.58
Total Transfers to Unexpended Plant Funds			\$ 971,543.29
To: Renewals and Replacements Funds			
Remodeling and Renovation:			
Dormitory Contingency Fund	085049	017200	\$ 157,000.00
Public Safety Building	085067	010058	12,500.00
Parking Lot Repairs	085071	016007	150,000.00
Computer Design Lab	085072	035457	7,264.98
St. John Arena - Lockers	085106	016019	1,071.47
Roofing Projects	085155	010058	(777.00)
Masonry Projects	085156	010058	(304.07)
Painting and Waterproofing	085157	010058	(388.56)
Energy Conservation - Library	085162	010058	(3.63)
Baker Systems Engineering Bldg.	085166	010058	(12,807.00)
Housing Commission No. 3 Retrofitting	085169	017300	9,975.00
Parking Ramp Repairs	085175	016007	350,000.00
South Medical Ramp Repair	085176	016007	100,000.00
Stadium Scholarship Dorm	085181	010058	13,160.00
Fawcett Center - Roof	085182	010058	(85,000.00)
4H Hall of Fame	085184	010058	3,500.00
Neil Hall Fire Exits	085190	017200	96,000.00
Johnston Lab	085191	010058	(2,432.00)
Energy Conservation Projects	085194	014004	35,868.00

October 5, 1984 meeting, Board of Trustees

NON-MANDATORY TRANSFER FROM CURRENT FUNDS
FISCAL YEAR 1983-84 (contd)

Account Description	Account Number	Transferred from Account Number	Amount
To: Renewals and Replacements Funds			
Remodeling and Renovation:			
Farm Science Review - Relocation	085196	011083	\$ 150,000.00
Baker Systems Engineering Bldg. Entranceways	085199	010058	(795.00)
Dental Clinic - Renovation	085200	010058	95,408.00
Lab Animal Center	085203	057171	100,000.00
1325 Kinnear Road - Renovation	085209	064748	3,200.00
QARDC - Telephone System	085211	010058	150,000.00
St. John Arena - Airconditioning	085213	010185	206,488.18
Cunz Hall	085215	016019	2,712.00
Bricker Hall	085224	010058	60,100.00
Gasoline Refueling Facility	085225	010058	497,034.00
Postle Hall - Cold Room	085226	010058	51,800.00
Evans Lab	085227	010058	91,279.00
Lincoln Tower - Telephone Service	085229	010058	50,483.00
Goss Lab - Monorail	085231	014120	25,000.00
WOSU Studios Airconditioning	085233	010058	35,220.00
Dreese Lab	085234	010058	100,000.00
Hitchcock Hall	085237	010058	29,867.00
Hopkins Hall	085238	010058	51,992.00
Woody Hayes Drive - Bridge Repair	085239	010058	44,100.00
Evans Lab	085240	010058	300,000.00
Cockins Hall	085241	010058	54,525.00
A.T.I. Residence Hall		037157	10,000.00
	085242	010058	40,100.00
	085243	016031	104,402.00
		017200	295,598.00
Total Remodeling and Renovation			\$ 3,383,140.37
Repairs and Replacements:			
Admissions	086904	010058	\$ (2,100.00)
Business and Finance	086905	010058	8,249.00
Business Management	086907	010058	17,700.00
Physical Facilities	086909	010058	243,640.51
Police	086910	010058	70,561.00
Traffic and Parking	086911	016007	472,750.00
Food Facility	086912	014006	66,900.00
Stores	086913	014001	86,500.00
Laundry	086914	014004	268,500.00
Office Equipment Repair	086915	014003	25,000.00
Printing Facility	086916	014002	270,000.00
Bookstore	086918	014100	150,000.00
Physical Facilities Improvements	086920	014010	76,589.02
University Airport	086921	016014	413,421.04
Meats Lab	086922	011072	19,000.00

October 5, 1984 meeting, Board of Trustees

**NON-MANDATORY TRANSFER FROM CURRENT FUNDS
FISCAL YEAR 1983-84 (contd)**

Account Description	Account Number	Transferred from Account Number	Amount
Repairs and Replacements:			
Housing Commission No. 1	086924	016101	\$ 4,300.00
Housing Commission No. 2	086925	016102	6,750.00
University Properties	086926	016300	8,200.00
Endowment Properties	086927	016350	35,550.00
North Campus Apartments	086928	016390	4,100.00
Property Management	086929	016015	8,000.00
University Properties - Improvements	086930	016300	33,500.00
Endowment Properties - Improvements	086931	016350	35,900.00
North Campus Apartments Improvements	086932	016390	17,300.00
Housing Commission No. 1 Improvements	086933	016101	6,400.00
To: Renewals and Replacements Funds			
Repairs and Replacements:			
Housing Commission No. 2 Improvements	086934	016102	(24,000.00)
WOSU Stations	086938	011064	30,000.00
Food Facility - Improvements	086940	014006	1,100.00
Internal Auditing	086944	010058	(13,019.40)
Learning Resources	086945	010058	16,433.14
Libraries	086948	010058	(29,685.00)
Fawcett Center	086952	016004	750.00
Alumni Information	086958	010058	9,024.00
Dentistry	086961	011531	75,000.00
Transportation	086964	014100	106,000.00
Lantern	086968	011081	195,324.00
Reprographics	086969	014015	100,000.00
Public Safety	086971	010058	7,385.00
Registrar	086975	010058	26,152.47
Dental Clinic	086978	011496	125,000.00
University Hospitals - Capital	086995	019000	8,700,960.63
		057171	1,250.00
Plant Funds - General	086999	010058	3,055,100.00
Total Repairs and Replacements			\$14,729,485.41
Total Transfers to Renewals and Replacements Funds			\$18,112,625.78
Total Transfers to Plant Funds			\$19,084,169.07

October 5, 1984 meeting, Board of Trustees

NON-MANDATORY TRANSFER FROM CURRENT FUNDS
FISCAL YEAR 1983-84 (contd)

RECAP

	Account Range	Amount
Current General	010058	\$ 5,059,506.23
Current General - OARDC	010185	206,488.18
Current General - Department Earnings	011xxx	594,324.00
Current General - Services Accounts	014xxx	1,211,457.02
Current General - Designated Funds	015xxx	100,000.00
Auxiliary Enterprises	016xxx	2,531,106.51
Residence and Dining Halls	017xxx	558,573.00
Hospitals	019xxx	8,700,960.63
Current Restricted - Endowment	02xxxx	(488.06)
Current Restricted - Development Fund	03xxxx	17,791.56
Current Restricted - Other	05xxxx	101,250.00
Current Restricted - OSURF	06xxxx	3,200.00
Total Non-Mandatory Transfers to Plant Funds		\$19,084,169.07

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MODERNIZATION OF THE ADMISSIONS AND REGISTRATION PROCESS

President Jennings called on Dr. Russell Spillman, Vice Provost for Student Affairs, to present a report on the modernization of the admissions and registration process.

Dr. Spillman:

Thank you, Mr. President, members of the Board. I have with me, Mr. Gene Schuster, the University Registrar, who is going to discuss some of the very exciting things beginning to happen in the Admissions and Registration Office. Unfortunately, Mr. Mager, our Director of Admissions, was to be with us, but he took ill this morning, so Gene will fill in for him.

At the beginning of this year, with the more stable budget, we were able to fund some things in the Admissions Office and the Registrar's Office that we think will make life much more bearable and happy for our students, faculty and staff. And with that, I would like to turn to Gene and ask him to tell you about some of our major projects.

Mr. Schuster:

Thank you. In the Admissions Office itself, we have a situation where about three years ago we were able to complete a major development effort towards personalizing the admissions system. As a result, there are several enhancements that we think will greatly improve the process.

October 5, 1984 meeting, Board of Trustees

MODERNIZATION OF THE ADMISSIONS AND REGISTRATION PROCESS (contd)

Mr. Schuster: (contd)

At the time, three years ago, when the admissions system was installed, the system dealt only with applicants to the University. Since then we have noticed a great need to watch the people who are simply interested in Ohio State University and to do a better job of keeping track of those people who may turn into applicants. As a result, prospective students and the area of prospective students becomes very important to the University, particularly during times of declining enrollments within the State of Ohio and declining traditional type students. Also our interest in improving the quality of the student body makes this group very important to the University.

Two separate efforts are undertaken in this area: one is to personalize the communication with these people; the other is to install a prospective student data system which will allow all the departments, staff, and alumni who have contact with people who may be prospective students to "log the contacts." Then, when others have the opportunity to talk with that student we know what information they have been given, what advice they may have received, who else they have talked to, and so on.

In the area of undergraduate transfer applicants, we have a development under way that would try to use the modern technology available to enhance articulation of those students from other universities to Ohio State. By developing a system which would allow us to know the equivalent courses at other institutions, and enable us to use that for advising and counseling those prospective applicants, we would later be able to ease the processing burden that we have in awarding credit to those applicants.

In the area of graduate and professional applicants, again utilizing modern technology, we hope to establish a referral network for the individual departments and colleges. We want to be able to receive information without having to use campus mail, so we can be much more speedy in our response. Again, in that area, personalization of the correspondence is a high priority, as well as personalization of the contact.

In the area of the Registrar's responsibilities, the need to modernize our information management practices is terribly important to us. For example, in the area of room scheduling we need to develop some software to help us schedule rooms for two basic reasons: to improve the use of the capital facility that the University has allocated for common use (the classroom pool); and also to try to create a more efficient environment so a faculty member from the south side of the Oval doesn't go to the north side of the Oval to teach a class, when another faculty member is going to his side. So, we plan to do some work there. We will also be working in that

October 5, 1984 meeting, Board of Trustees

MODERNIZATION OF THE ADMISSIONS AND REGISTRATION PROCESS (contd)

Mr. Schuster: (contd)

area because of the move of West Campus instruction to the Central Campus area and some efficiencies that we need to gain in the short-run to accomplish that goal.

In the area of registration our move is to decrease the amount of run-around on campus. Currently, all students who do not participate in advance registration have to walk to Lincoln Tower in order to be able to accomplish their registration and to have their fees assessed. So, our main goal is to try to use the modern technology that is available (i.e., touch-tone type input, voice response--similar to what many of the banks have done) to allow registration to be accomplished at the point that the last decision is made about what the student wants to take. Whether it is at the student's home, that would be a possibility, or at the adviser's office, that would be a possibility. We want to try to keep students from having to move to two or three other areas on campus to complete their registration.

In the area of student records, we currently are keeping paper records in a variety of locations on campus--the college office, our office, sometimes departmental offices, sometimes in the adviser's desk drawer. We will move our dependence to a mechanical or computer record and generate complete accurate records each quarter, and not have to shuffle paper and spend the time in three or four different areas with records maintenance.

The area we are most excited about, however, is the area of improving advising support. This fall we are going around to the colleges and departmental offices with an on-line system that will help them better manage adviser assignments. This will enable the colleges and departments to keep track of how many students are assigned to one particular adviser, to spread the load more evenly, and to move students easily between advisers. As I mentioned, we will begin distributing complete records instead of sticky labels that go in file folders, in order to make it much easier for people to have the information they need for advising and to make sure that that information is accurate.

Then, the most exciting development is what we are calling "degree-auditing." Basically, it is a system whereby we use the computer to keep a list of degree requirements and to match those against the courses students have taken to complete their degree program. Then we will respond with a report for the student or adviser which will graphically lay out exactly what the student needs to do to finish his or her degree. That will be helpful for students and it will be helpful for advisers. Faculty members will be able to concern themselves with and spend time discussing with the student how to enhance the academic program, instead of simply how to complete the academic program.

October 5, 1984 meeting, Board of Trustees

MODERNIZATION OF THE ADMISSIONS AND REGISTRATION PROCESS (contd)

Dr. Spillman:

We would be happy to entertain any questions.

President Jennings:

Well, thank you very much. That is very exciting when we stop and think that three times a year we register and process almost 60,000 students and untold numbers of applicants--15,000-16,000 a year at Ohio State. We currently do a fine job, but I think this will lead to considerable improvement in the matriculation experience of our student body. And there again, I hope we will leap-frog much of higher education in our modernization of the admissions and registration process. We thank you for all of the efforts you are expending on this important project. Thank you.

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REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 85-48

RESOLVED, That the report on the University's Investment Portfolio, dated September 21, 1984, 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, November 2, 1984, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Madison H. Scott
Secretary

D. James Hilliker
Chairman

Page 218 is blank

THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND TWO HUNDRED AND FIFTH MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, November 2, 1984

The Board of Trustees met at its regular monthly meeting on Friday, November 2, 1984, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

* * *

Minutes of the last meeting were approved.

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November 2, 1984 meeting, Board of Trustees

The Chairman, Mr. Hilliker, called the meeting of the Board of Trustees to order at 11:40 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: D. James Hilliker, Chairman, John F. Havens, Daniel M. Galbreath, Leonard J. Immke, John W. Berry, Shirley D. Bowser, Hamilton J. Teaford, and John J. Barone.

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Mr. Hilliker reconvened the meeting at 1:45 p.m.

Present: D. James Hilliker, Chairman, John F. Havens, Daniel M. Galbreath, Leonard J. Immke, John W. Berry, Shirley D. Bowser, Hamilton J. Teaford, and John J. Barone.

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ENROLLMENT--AUTUMN QUARTER, 1984

President Jennings called on Mr. Ihrig to present a report on the Autumn, 1984 enrollment situation.

Mr. Ihrig:

Thank you, Mr. President. Included in the agenda materials you each have copies of the detailed enrollment data for Autumn Quarter, 1984, which summarizes, by campus and by college of enrollment, how the 56,756 students break out throughout the University. Rather than review these data with you, I would like to concentrate this report on the results we achieved this year on our planned enrollments, and compare them with the assumptions and plans we had going into the year.

First of all, the question that normally comes up is, "Where are we with regard to our 40,000 FTE ceiling?" If you recall, last year we projected being around 800 above that ceiling in our planned reduction in the Columbus Campus enrollment. We actually turned out to be 1,367 above last year. We revised our plans based on what we saw of the data at that time and expected to be around 700 above the ceiling this year. The results show that we came out at 528 FTE above the ceiling this year, which was the original target we set a year ago, and it has actually occurred this year. So all this shows is how much we understand about what we are doing with regard to our planning for bringing the Columbus Campus closer to the enrollment ceiling.

The majority of the reduction of 1,600 students enrolled at Ohio State was the result of planned activity. We are carefully studying, at this time, where we are today with regard to each of the assumptions; let me go through them briefly. We had assumed this

November 2, 1984 meeting, Board of Trustees

ENROLLMENT--AUTUMN QUARTER, 1984 (contd)

Mr. Ihrig: (contd)

year that the retention rates would equal 1983's retention rates, and that is essentially what has happened. The retention rates have stabilized, after one year of enrollment for entering freshmen, at around 79 per cent; and at 67 per cent after two years. Those rates have held steady for the last two years after increasing regularly over the previous five years. So we may be at a plateau on retention rates. But remember, this Autumn Quarter is the first quarter that we are having the conditional/unconditional admissions with students who have been alerted to that and planned their high school preparation. So our planning for the next two years, as we set up a year ago, was to look at a slight increase in those retention rates over the next two years. And we will be reevaluating that position this year as we analyze the data more closely.

We also assumed that the credit hours taken by the students would be stable this year and for the next several years; and again, that assumption has held up. There was stability in the credit hour loads taken by the students this year in the undergraduate level and the professional student level--a very slight (1 per cent) increase in the graduate credit hour load. That stability comes after a period of several years of growth in the number of credit hours.

We also assumed that there would be a slight increase in the number of graduate students this year compared to last year and that increase would continue another year. That is one assumption that did not occur. There was a leveling off of our graduate student enrollments and that is a very significant feature that we are going to try and understand better as we look at our enrollment planning for the next fiscal year.

The best way to summarize where we are is by pointing out that in the grand totals we are where we want to be according to our plans; however, the mix leaves a little to be desired. We would like to have slightly fewer lower-division students and more upper-division and graduate students in our enrollment mix. On the issue of retention, Provost Haenicke authorized a study where we actually made telephone contact with around 1,500 students who had left the University between Spring 1983 and Winter 1984. We noted two primary causes in talking with those students as to the reason they had left the University without graduating. Forty-two per cent indicated poor academic performance as a significant factor, but 35 per cent indicated that they could not afford college costs. That is a significant concern to us as we look at the participation rates, with this state being 46th in the nation and Ohio's fee rates being near the highest in the country--about third nationally. This concerns us greatly and that is why we think the efforts to bring those fees down in the future, as part of a total cost of education, are very significant.

November 2, 1984 meeting, Board of Trustees

ENROLLMENT--AUTUMN QUARTER, 1984 (contd)

Mr. Ihrig: (contd)

Moving on from the Columbus Campus--our Regional Campus enrollments were generally down, in the 3 to 4 per cent range, with two exceptions: 1) Newark, which was up one per cent; and 2) ATI, which is down around 20 per cent. We are working with those campuses because we think those are early indications of the impact of changing demographics of the high school classes, and we need to work with those campuses very closely in planning for their future enrollments.

Of interest, the state-assisted universities in Ohio had generally a 2.6 per cent decline in total enrollments--that is about 6,600 students. Bowling Green and Ohio State led the way and both universities are trying to bring enrollment down to the ceiling. Looking at the Big 10, there was about 7/10 of a per cent decline in the total enrollments within the Big Ten and that was led again by Ohio State, but also Minnesota had about an 1,800 student enrollment reduction.

As we are looking toward our planning for next year, we are running a great number of analyses on what's happened within student classes, so we can try and understand what is going on in our enrollments and our mix. We will be looking at the impact of the changing demographics in high school enrollments; also, at how to judge the impact of a recovering economy on the college participation rates. We think that will have a significant impact on what is going on with students entering higher education and on retaining those already enrolled. We are also interested in the continuing impact on retention of having better prepared students entering this university, and also, where graduate enrollments are going. That completes my report and I would be glad to respond to any questions about the enrollment data that you might have.

President Jennings:

Well, thank you. I think it is very important to emphasize that these enrollment results are in the context of planning. And I think it is appropriate to note that in that planning we are talking about a total enrollment of 57,000. Where the numbers were off 200 or 300, I think Weldon's people and the admissions people should be complimented on coming so close.

We will, in the next several weeks, be going over the data for next year. As you know, in the last several years we have had to close down admissions--last year for example we had to close down admissions on January 5. We will be making those decisions probably in November as to when we will close down admissions for the freshman class for fall, 1985. But the difficulty with that is, of course, the uncertainties in the rate of conditional/unconditional

November 2, 1984 meeting, Board of Trustees

ENROLLMENT--AUTUMN QUARTER, 1984 (contd)

President Jennings: (contd)

admissions and those generated by the economic recovery. Weldon emphasized the economic recovery because our industry is very much a counter-cyclical industry in the sense that nationwide, during recession periods, more youngsters go on to college. The percentage participation rates are higher than in better economic times.

Mr. Galbreath:

Doesn't that refute one of the reasons they said they didn't come back to school--that they couldn't afford it?

President Jennings:

It does refute--although we are talking generality versus a specific set, and a 35 per cent set. I would also say that any youngster that has a financial problem at Ohio State, I am completely confident that that youngster can receive financial aid so that they can stay in. But the typical national response is that the college-going rates go down in prosperous economic times and go up during poorer ones--because remember the largest cost of going to college is the "opportunity cost"--namely, the income forgone while you are in school. That is the largest cost. The second largest cost, of course, the general living expenses--the room and board associated with that. Tuition and books are the third largest cost associated with that. In that context, of course, when times are good the job opportunity cost begins to go up and those at the margin will go up. And then overarching all of this is the demographics that we talked about--where beginning in '79, with the end of the baby boom, the number of high school graduates began to decline at a rate that will amount to 30 per cent by 1992.

One of the interesting things in Ohio, where our college-going rates are so low relative to the nation--we are at 43 per cent relative to 53 per cent--it does give us an opportunity--when I say us, I mean higher education in Ohio--to avoid those demographics if we can get the college-going rate up. And there is some indication that we will be able to get the college-going rate up, because the opportunity costs, particularly in the heavy industries, are not as large as they were all during the 50's, 60's and early 70's. I think this is up and down--but, the point I really do want to leave you with is that I don't think we have any worry about major enrollment declines at Ohio State in the foreseeable future.

Mr. Ithiq:

Just to add on to that, Mr. Galbreath, when the economic times are depressed there are more students who are interested in attending higher education and will initiate attending higher education. But,

November 2, 1984 meeting, Board of Trustees

ENROLLMENT--AUTUMN QUARTER, 1984 (contd)

Mr. Ihrig: (contd)

the problem is how long would they have the resources to continue their education, and when the good times are back, there will be more opportunities for students.

President Jennings:

That is, incidentally, the only variable across the nation that higher education has ever been able to find that has any predictive power at all in terms of the number of students going on to higher education. The demographics, income, all of that--higher education as an industry has been singularly ineffective in predicting enrollments. We had a report last month on West Campus. It was originally designed to have thirteen buildings and house an institution with 80,000 students.

Mr. Ihrig:

The demographic studies are very interesting, because we had a downturn in the number of high school students in the early to mid-70's. But higher education in general, especially in this state, did not experience that downturn. What happened then, was the increased number of women that enrolled in higher education who had not been participating previously, and that leveled off that downturn. And, at this time, the only variable is the participation rate and that hits the states in this region very hard. With the new emphasis on training individuals to handle greater changes in society and the economy, we think that there is a great opportunity here in this state to increase the participation rate and to go counter-cyclical to the rest of the nation during the next five or ten years.

President Jennings:

Terrel H. Bell, Secretary of Education, put out a report that made a variety of suggestions. I was very pleased to see that report, because all of those suggestions were suggestions that Ohio State and the State of Ohio had started two, three, or four years ago. Thank you, Weldon.

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AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY

Resolution No. 85-49

Synopsis: Amendments to rules 3335-5-59 and 3335-5-60 are being proposed.

November 2, 1984 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 September 29, 1984, as follows:

AMENDED RULES

3335-5-59 Faculty compensation and benefits committee.

(A) Membership:

The committee shall consist of:

- (1) Twelve elected faculty members, at least two of whom also shall be members of the senate, to serve a three-year term with four to be elected each year;
- (2) The vice president for academic affairs and provost, or designee, ex officio;
- (3) The vice president for personnel services, or designee, ex officio;
- (4) A non-voting emeritus faculty member appointed annually by the president in consultation with the Ohio state university retirees association; and
- (5) Additional ex officio, non-voting members and consultants from the university, at the discretion of the committee.

3335-5-60 University calendar committee.

(C) The university calendar committee shall report to the university senate at least once a year. Reports, including results of studies conducted by the university calendar committee, shall be forwarded to the council on academic affairs and the university senate for consideration and appropriate action.

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. Immke, seconded by Mr. Berry, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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November 2, 1984 meeting, Board of Trustees

DEGREES AND CERTIFICATES - AUTUMN QUARTER COMMENCEMENT

Resolution No. 85-50

Synopsis: Approval is being requested for awarding degrees and certificates for Autumn 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

BE IT RESOLVED, That the degrees and certificates be conferred on December 7, 1984, 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 Mrs. Bowser, seconded by Mr. Teaford, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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PERSONNEL ACTIONS

Resolution No. 85-51

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the October 5, 1984 meeting of the Board, including the following Medical Staff--Appointments, Medical Staff--Reappointments, Leave of Absence Without Salary, and Emeritus Titles as detailed in the University Budget, be approved.

Medical Staff--Appointments

Effective June 1, 1984

John D. Walters, D.D.S.
Attending Staff in Periodontics; Assistant Professor

Effective July 1, 1984

Amal Aboutaleb, M.D.
Limited Staff in Radiation Oncology; Clinical Instructor HS

November 2, 1984 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Medical Staff--Appointments (contd)

Effective July 1, 1984 (contd)

Narciso S. Albarracin, Jr., M.D.

Attending Staff in Pathology; Clinical Associate Professor

Gregory A. Barrett, M.D.

Courtesy Staff in Pediatrics; Clinical Assistant Professor

Stephen R. Bauer, D.O.

Courtesy Staff in Pediatrics; Clinical Instructor

J. Richard Casuccio, M.D.

Limited Staff in Plastic Surgery; Clinical Instructor HS

Barbara Cromer, M.D.

Attending Staff in Pediatrics; Assistant Professor

Reinhard Gahbauer, M.D.

Attending Staff in Radiation Oncology; Assistant Professor

Humphrey D. Germaniuk, M.D.

Limited Staff in Pathology; Clinical Instructor HS

Virginia H. Jones, M.D.

Courtesy Staff in Pediatrics; Clinical Assistant Professor

David L. Pacini, M.D.

Attending Staff in Pediatrics; Assistant Professor

Jon A. Pike, D.D.S.

Attending Staff in General Dentistry

Ronald J. Siegle, M.D.

Attending Staff in Dermatology; Assistant Professor

James Taylor, M.D.

Limited Staff in Radiation Oncology; Clinical Instructor HS

Effective August 1, 1984

Robert L. Folk, M.D.

Attending Staff in Medicine; Professor

Celeste M. Good, M.D.

Limited Staff in General Psychiatry; Clinical Instructor HS

Jane M. Leiby, M.D.

Attending Staff in Hematology/Oncology; Assistant Professor

Michael C. Loar, M.D.

Courtesy Staff in Pediatrics; Clinical Instructor

Leonard D. Quick, M.D.

Transfer from Limited Staff to Courtesy Staff in Ophthalmology; Clinical Assistant Professor

Effective September 1, 1984

Joseph P. M. Byrnes, M.D.

Attending Staff in Anesthesiology; Assistant Professor

November 2, 1984 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Medical Staff--Appointments (contd)

Effective September 1, 1984 (contd)

Jane F. Donat, M.D.

Courtesy Staff in Pediatrics; Clinical Associate Professor

Donald F. Middendorf

Attending Staff in Renal; Assistant Professor

Douglas F. Smith, M.D.

Attending Staff in Anesthesiology; Assistant Professor

Effective September 4, 1984

Benson Harvey, Jr., M.D.

Limited Staff in General Surgery (Vascular Surgery); Clinical Instructor HS

Effective October 1, 1984

Lewis Seeder, M.D.

Courtesy Staff in Emergency Medicine; Clinical Assistant Professor

Medical Staff--Reappointments

Effective July 1, 1984

Robert F. Cooper, M.D.

Courtesy Staff in Pediatrics

Robert L. Hallet, M.D.

Courtesy Staff in Ob-Gyn

Robert J. Keck, M.D.

Courtesy Staff in Pediatrics

John P. King, M.D.

Courtesy Staff in Pediatrics

John L. Mormal, M.D.

Courtesy Staff in Pediatrics

Clifford Raymond, M.D.

Courtesy Staff in Ob-Gyn

J. Douglas Veach, M.D.

Courtesy Staff in Pediatrics

Leave of Absence Without Salary

JUDITH ANN WESSEL, Instructor, Cooperative Extension Service, effective January 1, 1985 through March 15, 1985, to pursue Ph.D. degree.

November 2, 1984 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Emeritus Titles

MATHEW F. DEE, College of Law - Library, with the title Assistant Dean Emeritus, effective October 1, 1984.

J. WILLIAM BRADFIELD, Department of Geography (Mansfield Campus), with the title Assistant Professor Emeritus, effective July 1, 1984.

CHARLES W. MILLER, College of Dentistry - Orthodontics, with the title Assistant Professor Emeritus, effective October 1, 1984.

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

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RESOLUTION IN MEMORIAM

Resolution No. 85-52

Synopsis: A resolution honoring the service of one of the University's faculty members who has recently died is being 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.

Eugene H. Roseboom

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on September 19, 1984 of Eugene H. Roseboom, Professor Emeritus in the Department of History.

Dr. Roseboom was born in 1892 in Frankfurt, Ohio. He took his B.A. from The Ohio State University in 1914, where he graduated Phi Beta Kappa. Continuing on at The Ohio State University, he took his M.A. and then went to Harvard University where he took his Ph.D. in 1932.

Dr. Roseboom joined the faculty at Ohio State as an Assistant Professor in 1929. From 1929 until he retired in 1963, Dr. Roseboom taught American political history and the history of Ohio.

Dr. Roseboom, together with Mr. Frances Weisenburger, published a History of Ohio in 1934, a book that quickly became the standard text for over thirty years and is a book still widely consulted. He then published an authoritative history of Ohio in the Civil War era in 1944. Dr. Roseboom's definitive study, A History of Presidential Elections, was published in 1957. This book won wide scholarly acclaim and was praised by former President Harry Truman as one

November 2, 1984 meeting, Board of Trustees

RESOLUTION IN MEMORIAM (contd)

Eugene H. Roseboom (contd)

every high school senior and college student should be required to read. As Mr. Truman observed in a letter to Dr. Roseboom, "Our youngsters would then find out just exactly what makes the Government tick." This book won the Ohio Academy of History Award in 1958. Up until his death Dr. Roseboom was consulted by scholars, journalists, and television commentators for his views of current presidential elections.

Dr. Roseboom served a term on the Board of Editors of the most prestigious journal in his field, The Mississippi Valley Historical Review. His eminence was also recognized when he was elected President of The Ohio Academy of History in 1956.

Professor Roseboom was truly an outstanding scholar who brought great distinction to The Ohio State University. His special role was in encouraging younger scholars to become the very best teachers and scholars they could. He gave this University forty years of effective and devoted service.

On behalf of the University community, the Board of Trustees expresses to the family of Dr. Roseboom its deepest sympathy. 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 sincere appreciation 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. Galbreath, seconded by Mr. Berry, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

Resolution No. 85-53

Synopsis: The reports on contracts, grants, and gifts and the summary for September 1984 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

November 2, 1984 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 September 1984, be approved.

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

SUMMARY FOR SEPTEMBER 1984

Source	No. of Projects	Support Level
The Ohio State University Research Foundation	76	\$2,809,082.05
Engineering Experiment Station	45	\$1,041,364.00
		\$3,850,446.05
The Ohio State University Development Fund		
Establishment of Named Funds		
John T. Boyd Scholarship Fund in the College of Engineering (Scholarships)		\$ 50,575.00
Karl V. Taylor Memorial Scholarship Fund in the College of Engineering (Scholarships - Civil Engineering)		\$ 20,000.00
Robert E. Watson Memorial Fund (Research, teaching and service programs/facilities - Department of Industrial and Systems Engineering)		\$ 8,911.50
Elizabeth M. Mote Memorial Award in Microbiology (Provide awards to outstanding graduate teaching associates in microbiology)		\$ 5,285.00
Robert J. Wherry, Sr., Memorial Fund (Awarded to a graduate student(s) seeking a doctorate in Industrial/Organizational or Quantitative Psychology)		\$ 5,257.92
Eugene C. D'Angelo Award (Awarded to graduate or undergraduate Double Bass students enrolled in the School of Music)		\$ 5,000.00

November 2, 1984 meeting, Board of Trustees

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

SUMMARY FOR SEPTEMBER 1984 (contd)

The Ohio State University Development Fund (contd)

Establishment of Named Funds (contd)

Lawrence A. Kaufman Scholarship Fund
(Scholarship awarded to an undergraduate
student in the Pharmaceutical Administra-
tion Department) \$ 5,000.00

Francis P. Robinson, Frank M. Fletcher,
Harold B. Pepinsky, and Maude Stewart
Endowment Fund
(Support faculty development student
research in the area of Counseling
Psychology) \$ 5,000.00

Report from Presidents Club

Members to date	4,678
1984-85 members: fiscal year to date	17
New members - September 1984	5

New Presidents Club Members - September 1984

D/M John T. Brandt ⁺	Alan D. Letson, M.D.*
Grange Mutual Companies ⁺⁺	Alan B. Levy, M.D.*
(J. Frederick Reid)	G. Opie Rollison

* Enrolled under new requirements - \$2,000 annual gift

+ Presidents Society - Lifetime Membership

++Presidents Council - Lifetime Membership

November 2, 1984 meeting, Board of Trustees

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

FIRST QUARTER SUMMARY

July 1, 1984 through September 30, 1984

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Sponsor	No. of Awards	Amount of Support
FEDERAL		
National Aeronautics and Space Administration	7	\$ 323,806.00
National Science Foundation	49	2,606,072.00
Department of Defense	20	1,584,504.00
Department of Energy	4	150,000.00
Department of Education	12	834,272.00
Department of Health and Human Services	37	5,901,439.00
Other Federal	23	2,559,129.00
TOTAL - FEDERAL	152	\$13,959,222.00
STATE OF OHIO	20	350,821.00
INDUSTRIAL	35	1,376,029.00
OTHER NON-FEDERAL	60	2,224,764.24
GRAND TOTAL	267	\$17,910,836.24

ENGINEERING EXPERIMENT STATION

Sponsor	No. of Awards	Amount of Support
STATE	2	\$ 12,086.00
INDUSTRIAL AND OTHER	117	1,400,597.00
TOTAL	119	\$ 1,412,683.00

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (cont'd)

July through September
1983-84 compared to 1984-85

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

CONTRIBUTIONS BY SOURCE

	Donors			Dollars		
	July through 83-84	September 84-85	% Change	July through 83-84	September 84-85	% Change
Alumni	15,828	14,289	(10)	\$ 1,583,841	\$ 924,797	(42)
Non-Alumni	8,621	8,719	1	1,077,345	977,857	(9)
Corporations	631	556	(12)	1,142,055	2,497,907	119
Corporate/Foundations	127	119	(6)	558,051	430,274	(23)
Private Foundations	31	30	(3)	104,097	171,175	64
Other	313	166	(47)	268,717	316,774	18
Total	25,551	23,879	(7)	\$ 4,734,106	\$ 5,318,784	12

CONTRIBUTIONS BY TYPE

	July-September 83-84	July-September 84-85	% Change
Designated	\$ 3,757,418	\$ 3,519,709	(6)
Undesignated	379,448	251,161	(34)
Gifts-In-Kind	597,240	1,547,914	159
Total	\$ 4,734,106	\$ 5,318,784	12
Gifts (# of)	28,968	27,584	(5)

November 2, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Report - September 1984

Federal Research Contracts/Grants

\$299,876.00 - Department of the Army, Army Tank - Automotive Command, Warren, Michigan, A Mobility System Design Study for an Agile Automatic Land Vehicle, Department of Electrical Engineering (R. B. McGhee) and Department of Mechanical Engineering (K. J. Waldron), 1 August 1984 through 31 October 1984. (Project 764306 - Continuation)

\$150,000.00 - National Science Foundation, Washington, D. C., Alan T. Waterman Award, Department of Mathematics (H. M. Friedman), 14 September 1984 through 13 September 1987. (Project 764390 - New)

\$99,998.00 - Department of the Navy, Naval Air Station, Point Mugu, California, Radar Cross Section Studies - Phase II, Department of Electrical Engineering, ElectroScience Laboratory (R. J. Marhefka, L. Peters and W. D. Burnside), 20 August 1984 through 20 August 1985. (Project 764345 - New)

\$86,030.00 - Department of the Army, U. S. Army Medical Research and Development Command, Frederick, Maryland, Lipopolysaccharide Antigens of *Pseudomonas aeruginosa* and Design of Novel Vaccines, Department of Chemistry (D. Horton), 1 September 1984 through 15 April 1985. (Project 764356 - New)

\$85,000.00 - Department of the Air Force, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio, Optical Scattering Studies, Department of Electrical Engineering, ElectroScience Laboratory (S. A. Collins, Jr.), 17 September 1984 through 15 November 1984. (Project 764394 - New)

\$83,021.00 - National Science Foundation, Washington, D. C., Knowledge Organization and Problem Solving for Diagnostic Reasoning, Department of Computer and Information Science (B. Chandrasekaran) and Department of Pathology (J. W. Smith, Jr.), 1 July 1984 through 30 June 1985. (Project 763708 - Continuation)

\$80,751.00 - Department of the Army, Army Research Office, Research Triangle Park, North Carolina, Gaseous Corrosion of Silicon Based Ceramics, Department of Ceramic Engineering (E. R. Kreidler and D. W. Readey), 30 September 1984 through 30 September 1985. (Project 763186 - Continuation)

November 2, 1984 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 - National Science Foundation, Washington, D. C., Gaseous and Aqueous Corrosion of Ceramics, Department of Ceramic Engineering (D. W. Readey), 1 July 1984 through 31 June 1985. (Project 764282 - Continuation)

\$70,000.00 - Department of Agriculture, Cooperative State Research Service, Washington, D. C., Synergism between Root Lesion Nematode Species and Verticillium Dahliae on Potato, Department of Plant Pathology - OARDC and Department of Plant Pathology (R. M. Riedel) and Department of Plant Pathology (R. C. Rowe), 1 September 1984 through 31 August 1986. (Project 764364 - New)

\$70,000.00 - National Science Foundation, Washington, D. C., Acquisition of a Vacuum Hot Press Facility (Materials Research), Department of Ceramic Engineering (K. T. Faber, E. R. Kreidler and D. W. Readey), 1 September 1984 through 31 August 1985. (Project 764359 - New)

\$56,404.00 - National Science Foundation, Washington, D. C., Timing in Serial Pattern Perception and Remembering, Department of Psychology (M. R. Jones), 1 October 1984 through 30 September 1985. (Project 764369 - New)

\$54,071.00 - Department of Health and Human Services, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, Rockville, Maryland, Alcohol Use and Life Cycle Events among Young Adults, Center for Human Resource Research, Office of Academic Affairs (J. E. Crowley), 1 September 1984 through 31 August 1985. (Project 763851 - Continuation)

\$52,458.00 - Department of the Army, Army Material Development and Readiness Command, Redstone Arsenal, Alabama, Radar Cross Section (RCS) Prediction Code Development and Modification, Department of Electrical Engineering, ElectroScience Laboratory (R. J. Marhefka), 1 October 1984 through 30 September 1985. (Project 763828 - Continuation)

\$50,003.00 - National Science Foundation, Washington, D. C., Late Cretaceous - Cenozoic Biostratigraphy of Antarctica, Institute of Polar Studies and Department of Geology and Mineralogy (P. N. Webb), 1 September 1984 through 31 August 1985. (Project 763746 - Continuation)

November 2, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$49,210.00 - United States Information Agency, Washington, D. C., Institutional Affiliation Program: The Hilandar Research Project (Ohio State) and the Serbian Academy of Sciences and Arts: The National Library of Serbia, Department of Slavic and East European Languages and Literatures (L. I. Twarog), 1 September 1984 through 31 August 1987. (Project 764371 - New)

\$45,011.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Research in Nonparametric Incomplete Rankings Procedures, Small Sample Asymptotics, and Statistical Decision Theory, Department of Statistics (D. A. Wolfe, M. A. Fligner and L. M. Berliner), 8 June 1984 through 7 June 1985. (Project 764240 - New)

\$39,347.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Stress Corrosion Cracking and Oxidation Characteristics of Boride-Strengthened Microcrystalline Iron and Nickel Based Alloys, Department of Metallurgical Engineering (C. E. Mobley and S. Smialowska), 1 July 1982 through 30 June 1985. (Project 763166 - Continuation)

\$38,112.00 - Department of Health and Human Services, Public Health Service, Health Resources and Services Administration, Rockville, Maryland, Confirmation/Disconfirmation: RN/MD Communication, College of Nursing (B. J. Garvin and C. W. Kennedy), 26 September 1984 through 25 March 1985. (Project 763844 - Continuation)

\$37,225.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Carcinogenesis, Molecular and Cellular Biology, Cancer Research Center and Department of Physiological Chemistry (G. E. Milo), 1 September 1984 through 31 August 1985. (Project 764351 - New)

\$30,000.00 - Department of Energy, Pittsburgh Energy Technology Center, Pittsburgh, Pennsylvania, Effects of Fine Particles on the Coarse Particle Terminal Velocity in the Fluidized Bed Gasifier, Department of Chemical Engineering (L. S. Fan), 20 September 1984 through 19 September 1985. (Project 764377 - New)

\$30,000.00 - Department of the Air Force, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio, Optical Scattering Studies, Department of Electrical Engineering, ElectroScience Laboratory (B. A. Munk), 28 September 1984 through 31 December 1984. (Project 764396 - New)

November 2, 1984 meeting, Board of Trustees

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 the Army, Army Material Command, Dover, New Jersey, Synthesis of a Stable, Near-Precursor of Tetranitro Tetrahomocubane, Department of Chemistry (L. A. Paquette), 1 June 1984 through 31 December 1984. (Project 764354 - New)

\$23,393.00 - National Science Foundation, Washington, D. C., Petrogenesis of the Kirkpatrick Basalt Group, North Victoria Land, Institute of Polar Studies and Department of Geology and Mineralogy (G. Faure) and Institute of Polar Studies (D. Elliot), 1 September 1984 through 31 August 1985. (Project 764391 - New)

\$21,499.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Mechanical Control and Energetics of Muscle Contraction, Department of Physiology (E. Bozler), 30 September 1984 through 31 August 1985. (Project 760924 - Continuation)

\$17,736.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Biosynthesis of Riboflavin, Individual National Research Service Award, Department of Chemistry (H. G. Floss and D. H. Brown), 1 September 1984 through 31 August 1985. (Project 764360 - New)

\$17,040.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Asukamyan, Manumycin, Reductiomycin; Biosynthesis, Department of Chemistry (H. G. Floss and J. M. Beale), 1 October 1984 through 30 September 1985. (Project 764368 - New)

\$16,824.00 - Department of Education, Rehabilitation Services Administration, Chicago, Illinois, Rehabilitation Long-Term Traineeships, Department of Communication (H. J. Oyer), 1 September 1984 through 31 August 1985. (Project 764355 - New)

\$15,000.00 - Department of Energy, Argonne, Illinois, University Reactor Sharing Program, Engineering Experiment Station (R. D. Myser), 1 September 1984 through 31 August 1985. (Project 762411 - New)

\$15,000.00 - National Aeronautic and Space Administration, Ames Research Center, Moffett Field, California, SETI (Search for Extraterrestrial Intelligence) Research, Department of Electrical Engineering (J. D. Krause and R. S. Dixon), 1 August 1984 through 31 July 1985. (Project 760413 - Continuation)

November 2, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$10,000.00 - Department of Health and Human Services, Office of Human Development Services, Administration on Developmental Disabilities, Kansas City, Missouri, UAF Administration and Operation, Nisonger Center for Mental Retardation (M. J. Guralnick), 30 June 1984 through 29 June 1985. (Project 763712 - Continuation)

\$9,193.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, OSU Cancer Center Columbus Community Outreach Program (CCOP) Research Base Support, Cancer Research Center (D. S. Yohn), 1 September 1984 through 31 August 1985. (Project 763855 - Continuation)

\$8,597.00 - Department of Transportation, National Highway Traffic Safety Administration, East Liberty, Ohio, SPMD (Suspension Parameter Measurement Device) Electronic Development, Department of Electrical Engineering (H. Hemami), 1 October 1984 through 31 December 1984. (Project 764241 - Continuation)

\$8,292.00 - Department of Health and Human Services, Public Health Service, Health Resources and Services Administration, Rockville, Maryland, National Research Service Award, School of Health, Physical Education and Recreation (R. L. Bartels and B. A. Smith), 15 September 1984 through 14 September 1985. (Project 763806 - Continuation)

\$7,199.00 - Department of the Army, Fort Sheridan, Illinois, Armed Services Vocational Aptitude Battery (ASVAB) Advisory Panel, The National Center for Research in Vocational Education (R. E. Taylor) 1 September 1984 through 28 September 1984. (Project 763319 - Continuation)

\$5,649.00 - Department of Transportation, National Highway Traffic Safety Administration, East Liberty, Ohio, Accident Head Impact Reconstruction, Department of Mechanical Engineering (D. A. Guenther), 30 September 1984 through 31 December 1984. (Project 763816 - Continuation)

\$5,511.00 - Department of Health and Human Services, Office of Human Development Services, Washington, D. C., Children's Use of Time after School in Employed and Nonemployed-Mother Families, Department of Home Economics - OARDC and Department of Home Management and Housing (M. M. Sanik), 1 August 1984 through 31 January 1985. (Project 764388 - New)

November 2, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$4,665.00 - National Science Foundation, Washington, D. C., An Examination of Unionid Glochidia (Mollusca: Bivalvia: Unionidae) from the Ohio River System, Department of Zoology (D. H. Stansbery), 1 September 1984 through 31 August 1985. (Project 764357 - New)

\$4,562.00 - Department of Education, Washington, D. C., Career Planning Support System (CPSS) Developer/Demonstration Project, The National Center for Research in Vocational Education (R. E. Taylor), 12 August 1984 through 11 August 1985. (Project 763287 - Continuation)

\$3,000.00 - Department of Education, Office of Educational Resources and Improvements, Washington, D. C., Operation of an Educational Resources Information Center (ERIC) Clearinghouse on Science, Mathematics and Environmental Education, Department of Educational Theory and Practice (R. E. Howe), 1 September 1984 through 30 August 1985. (Project 763390 - Continuation)

\$2,958.00 - Department of Transportation, National Highway Traffic Safety Administration, East Liberty, Ohio, Computerized Film Analysis for 3D Trajectory Estimation, Department of Electrical Engineering (H. N. Hemami), 1 October 1984 through 31 December 1984. (Project 763840 - Continuation)

TOTAL - FEDERAL AWARDS

\$1,802,635.00

State of Ohio Research Contracts/Grants

\$4,500.00 - State of Ohio, Ohio Arts Council, Columbus, Ohio, Young Concert Great Artist/Lorin Hollander Residency/Artist Series, Mershon Auditorium (T. M. Van Leer), 10 October 1984 through 2 June 1985. (Project 764398 - New)

\$3,294.00 - State of Ohio, Department of Health, Columbus, Ohio, Outreach Education, Department of Pediatrics (L. Cordero), 1 July 1984 through 30 June 1985. (Project 764052 - Continuation)

\$3,078.00 - State of Ohio, Department of Health, Columbus, Ohio, Neonatal Intensive Care Unit Hearing Screening, Nisonger Center for Mental Retardation (P. S. Niswander), 1 July 1984 through 31 December 1984. (Project 764382 - New)

November 2, 1984 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)

\$2,929.00 - State of Ohio, Ohio Arts Council, Columbus, Ohio, Allan Sekula: Photography against the Grain (An Exhibition), College of the Arts - Administration (J. W. Green), 16 November 1984 through 7 December 1984. (Project 764378 - New)

\$1,967.00 - State of Ohio, Ohio Arts Council, Columbus, Ohio, Ohio Journal, Department of English (W. W. Allen), 1 July 1984 through 30 June 1985. (Project 764389 - Continuation)

\$1,053.00 - State of Ohio, Department of Mental Health, Columbus, Ohio, Coping with Victimization: The Impact of Rape on Survivors and Male Significant Others, Impact on Recovery and Interpersonal Relationships, Department of Family Relations and Human Development (P. C. McKenry), 1 September 1984 through 31 December 1984. (Project 764026 - Continuation)

\$1,000.00 - State of Ohio, Board of Regents, Columbus, Ohio, Evaluation and Technical Support of 1984 Statewide Area Health Education Center Conference, College of Medicine - Administration (G. L. Trzebiatowski), 6 August 1984 through 30 September 1984. (Project 764379 - New)

\$446.00 - State of Ohio, Department of Education, Columbus, Ohio, Ohio Education Deans' Task Force, Department of Human Services Education (T. M. Stephens), 1 July 1984 through 30 June 1985. (Project 764296 - Continuation)

TOTAL - STATE OF OHIO AWARDS \$ 18,267.00

Industrial Research Contracts/Grants

\$100,000.00 - Pfizer, Inc., Groton, Connecticut, Support for Facilities for Performing Clinical Pharmacology Studies, Department of Pharmacology (N. Gerber), 1 October 1984 through 30 September 1985. (Project 760484 - Continuation)

\$89,074.00 - American Cyanamid Company, Princeton, New Jersey, Efficacy of Recombinant Bovine Growth Hormone (rbGH) for Lactating Dairy Cows, Department of Dairy Science - OARDC and Department of Dairy Science (D. L. Palmquist), 1 September 1984 through 31 May 1986. (Project 764350 - New)

\$54,396.00 - Adria Laboratories, Inc., Columbus, Ohio, Bioavailability of Tripamide (047022), Department of Pharmacology (N. Gerber), 1 September 1984 through 31 October 1984. (Project 764001 - Continuation)

November 2, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial Research Contracts/Grants (contd)

\$52,802.00 - Eli Lilly and Company, Indianapolis, Indiana, Agreement between OSU and Eli Lilly and Company, Testing of Pollen Suppressant for Hybrid Wheat Breeding, Department of Agronomy -OARDC (H. N. Lafever), 1 September 1984 through 31 August 1986. (Project 764376 - New)

\$41,203.00 - Adria Laboratories, Inc., Columbus, Ohio, Bioequivalence of the Capsule and Tablet Dosage Forms of Triamterene (047023), Department of Pharmacology (N. Gerber), 1 September 1984 through 31 October 1984. (Project 764001 - Continuation)

\$39,838.00 - Nordson Corporation, Amherst, Ohio, Parameters Governing Effectiveness of Electrostatically-Charged Sprays, Department of Entomology (F. R. Hall and R. K. Lindquist) and Department of Agricultural Engineering - OARDC (T. G. Carpenter), 1 July 1984 through 30 June 1986. (Project 764370 - New)

\$32,860.00 - Pfizer, Inc., Groton, Connecticut, Evaluation of the Tolerance to a Multiple Dose of CP-57,361: A Double-Blind, Placebo-Controlled Study (#01-2), Department of Pharmacology (N. Gerber), 1 February 1984 through 31 March 1984. (Project 764001 - Continuation)

\$20,000.00 - John Wiley & Sons, New York, New York, The John Wiley National Center Inresidence Program for the Professional Development of Postsecondary Occupational Educators, The National Center for Research in Vocational Education (R. E. Taylor), 1 November 1984 through 31 October 1985. (Project 764383 - New)

\$12,451.00 - Smith Kline & French Laboratories, Philadelphia, Pennsylvania, Dose Range Study of Triamterene in Patients Developing Hypokalemia during Hydrochlorothiazide Therapy, College of Pharmacy (J. A. Visconti) and Department of Family Medicine (P. J. Fahey), 1 September 1984 through 31 January 1985. (Project 763185 - Continuation)

\$10,653.00 - Pfizer, Inc., Groton, Connecticut, Phase I Three Way Single Dose Crossover Study of CP-63-956 and Erythromycin (#01-1), Department of Pharmacology (N. Gerber), 1 February 1984 through 29 February 1984. (Project 764001 - Continuation)

\$10,600.00 - Charles E. Merrill Publishing Company, Columbus, Ohio, Graduate Student Internship, Department of Human Services Education (T. M. Stephens), 1 September 1984 through 31 August 1985. (Project 764373 - New)

November 2, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial Research Contracts/Grants (contd)

\$10,500.00 - Adria Laboratories, Inc., Columbus, Ohio, Pharmacokinetics of Tripamide (047021), Department of Pharmacology (N. Gerber), 1 September 1984 through 31 October 1984. (Project 764001 - Continuation)

\$3,400.00 - International Training and Education Company, Framingham, Massachusetts, Inresident/Fellowship/Training and Assistance for Academic Program for Mr. Jaber Al-Essa, Jubail Human Resources Development Institute, The National Center for Research in Vocational Education (R. E. Taylor), 1 September 1984 through 30 November 1984. (Project 763633 - Continuation)

\$0 - Tandy Corporation, Fort Worth, Texas, Smokeless Tobacco Effects on Gingival Inflammation and Oral Pathology, College of Dentistry - Oral Biology (K. L. Schroeder), 1 September 1984 through 31 August 1985. (Project 764384 - New)

TOTAL - INDUSTRIAL AWARDS

\$ 477,777.00

Other Non-Federal Research Contracts/Grants

\$126,176.00 - Electric Power Research Institute, Palo Alto, California, Intergranular Stress Corrosion Cracking of Inconel 600, Department of Metallurgical Engineering (S. Smialowska and G. Cragnolino), 10 September 1984 through 31 August 1985. (Project 764353 - New)

\$108,280.00 - Dominican Institute of Industrial Technology, Santo Domingo, DN, Dominican Republic, Interdisciplinary Pre-Feasibility Study on the Use of Solar Ponds for Electrical Energy Generation in the Dominican Republic, Department of Mechanical Engineering and Office of Academic Affairs - Administration (R. E. Bailey), 11 September 1984 through 10 September 1985. (Project 764376 - New)

\$98,200.00 - The United States-Israel Binational Agricultural Research and Development Fund, Bet Daqan, Israel, The Use of Agricultural and Municipal Wastes for Preparation of Disease Suppressive Compost, Department of Plant Pathology - OARDC (H. A. J. Hoitink), 1 September 1984 through 31 August 1987. (Project 764380 - New)

\$63,833.00 - Electric Power Research Institute, Palo Alto, California, Simultaneous Chromizing-Aluminizing of Steels, Department of Metallurgical Engineering (R. A. Rapp), 1 September 1984 through 31 August 1985. (Project 763292 - Continuation)

November 2, 1984 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)

\$46,270.00 - Columbus Public Schools, Columbus, Ohio, Reading Recovery Program, Department of Educational Theory and Practice (C. Huck), 1 July 1984 through 30 June 1985. (Project 764346 - New)

\$17,400.00 - Organization of American States, Washington, D. C., The Development of Instructors for the National Training Board of Barbados, The National Center for Research in Vocational Education (R. E. Taylor), 15 August 1984 through 15 October 1984. (Project 764349 - New)

\$15,000.00 - The Petroleum Research Fund, Washington, D. C., Optical Spectroscopic Investigations of Transition Metal Zeolitic Complexes, Department of Chemistry (P. K. Dutta), 1 September 1984 through 31 August 1986. (Project 764375 - New)

\$12,600.00 - Colorado State Board for Community College and Occupational Education, Denver, Colorado, The Consortium for the Development of Professional Materials for Vocational Education, The National Center for Research in Vocational Education (R. E. Taylor), 1 July 1984 through 30 June 1985. (Project 764381 - New)

\$11,500.00 - University of Pittsburgh, Pittsburgh, Pennsylvania, The Treatment of Primary Breast Cancer, Department of Surgery (W. B. Farrar), 1 February 1984 through 31 January 1985. (Project 763659 - Continuation)

\$4,200.00 - Battelle Memorial Institute, Columbus, Ohio, Natural Analog Study Technical Support, Department of Geology and Mineralogy (K. A. Foland), 4 September 1984 through 30 September 1984. (Project 764352 - New)

\$3,000.00 - Battelle Memorial Institute, Columbus, Ohio, Marysville Natural Analog Study, Department of Geology and Mineralogy (K. A. Foland), 22 June 1984 through 22 July 1984. (Project 764188 - Continuation)

\$2,500.00 - Midwest Universities Consortium for International Activities, Inc. (MUCIA), Columbus, Ohio, Archival Services for MUCIA Records, University Libraries (R. E. Goerler), 1 November 1983 through 31 December 1985. (Project 764372 - New)

\$1,444.05 - Cuyahoga Community College, Cleveland, Ohio, National Alliance of Postsecondary Education Institutions/Districts, The National Center for Research in Vocational Education (R. E. Taylor), 1 July 1984 through 30 June 1985. (Project 763548 - Continuation)

November 2, 1984 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)

\$0 - Ohio Seed Improvement Association, Dublin, Ohio, Ohio Seed Improvement Association Plant Breeding Program, Ohio Agricultural Research and Development Center (C. W. Donoho, Jr.), 1 April 1984 through 31 December 1999. (Project 764366 - New)

TOTAL - OTHER NON-FEDERAL AWARDS \$ 510,403.05

ENGINEERING EXPERIMENT STATION

Industrial and Other Sponsored Research and Development

\$544,890.00 - from Industry for 35 development projects under the direction of nine engineering departments.

\$91,199.00 - Industry¹, "Sensing and Control Methods for Arc Welding Processes," Department of Welding Engineering, 1 July 1984 through 30 June 1985. (529501, Ext. 4)

\$78,107.00 - Industry¹, "Resistance Welding Control," Department of Welding Engineering, 1 July 1984 through 30 June 1985. (529506, Ext. 4)

\$77,479.00 - Chemical Abstracts Services, Columbus, Ohio, "Expert System to Aid in On-Line Searches," Department of Industrial and Systems Engineering, 1 October 1984 through 20 September 1985. (529664)

\$62,354.00 - Industry¹, "Fatigue Analysis and Design of Welded Joints," Department of Welding Engineering, 1 July 1984 through 30 June 1985. (529504, Ext. 4)

\$60,000.00 - The Ohio State University Office of Physical Facilities, Columbus, Ohio, "Energy Conservation for University Buildings," Department of Mechanical Engineering, 1 September 1984 through 31 August 1985. (529008, Ext. 18)

\$47,950.00 - Industry¹, "Welding Research Center Director's Office," Department of Welding Engineering, 1 July 1984 through 30 June 1985. (529090, Ext. 4)

¹Industry supporting the Welding Engineering Research Center include: Bishopric, Cincinnati, Ohio; IBM, Yorktown Hts, New York; GM, Warren, Michigan; GE, Evandale, Ohio; Deere, Moline, Illinois; TRW, Cleveland, Ohio; Millicron, Cincinnati, Ohio; and Hobart, Troy, Ohio.

November 2, 1984 meeting, Board of Trustees

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

ENGINEERING EXPERIMENT STATION (contd)

Industrial and Other Sponsored Research and Development (contd)

\$34,000.00 - Industry¹, "Welding Discontinuity Analysis and Materials Characterization," Department of Welding Engineering, 1 July 1984 through 30 June 1985. (529505, Ext. 4)

\$28,978.00 - Industry¹, "Laser Material Processing," Department of Welding Engineering, 1 July 1984 through 30 June 1985. (529603, Ext. 4)

\$16,257.00 - Industry¹, "High Energy Density Arc Welding of Moderate to Thick Section Materials," Department of Welding Engineering, 1 July 1984 through 30 June 1985. (529509, Ext. 2)

\$150.00 - TRCO, East Liberty, Ohio, for one development project under the direction of the Department of Industrial and Systems Engineering.

TOTAL - INDUSTRIAL AND OTHER SPONSORED RESEARCH \$1,041,364.00

¹Industry supporting the Welding Engineering Research Center include: Bishopric, Cincinnati, Ohio; IBM, Yorktown Hts, New York; GM, Warren, Michigan; GE, Evandale, Ohio; Deere, Moline, Illinois; TRW, Cleveland, Ohio; Millicron, Cincinnati, Ohio; and Hobart, Troy, Ohio.

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Establishment of Named Funds

John T. Boyd Scholarship Fund
in the College of Engineering

The John T. Boyd Scholarship Fund in the College of Engineering 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 John T. Boyd, B.S.Mng.E., 1935.

This gift is to be invested in the University's Permanent Endowment Fund, under the 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 scholarship for a College of Engineering student majoring in mining engineering. Twenty percent (20%) of the annual income shall be used at the discretion of the Mining Engineering faculty. If the Mining Engineering program is discontinued, one hundred percent (100%) of the income shall be used to fund scholarships divided equally between Ceramic Engineering and Metallurgical Engineering. The scholarship winners will be chosen primarily for their academic merit. Financial

November 2, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

John T. Boyd Scholarship Fund
in the College of Engineering (contd)

need also will be considered in the selection process. Recipients will be named annually, but may be eligible to compete for renewed awards. Selection of each recipient will be done by the Dean of the College of Engineering with assistance from the faculty in the mining and materials engineering areas.

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 mining and materials engineering education.

Karl V. Taylor Memorial Scholarship Fund
in the College of Engineering

The Karl V. Taylor Memorial Scholarship Fund in the College of Engineering was established November 2, 1984, by the Board of Trustees of The Ohio State University with a gift from Ruby Byers Taylor in memory of her husband, Karl V. Taylor.

This gift is to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the 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 annual scholarships to promising Civil Engineering students who have completed their sophomore year. Preference will be given to outstanding students majoring in geotechnical engineering. The scholarship winners will be chosen primarily for their academic merit. Recipients will be named annually, but may be eligible to compete for renewed awards. Selection of each recipient will be done by the Dean of the College of Engineering with assistance from the Chairperson of the Department of Civil Engineering.

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 official of the University who is then directly responsible for Civil Engineering education.

November 2, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Robert E. Watson Memorial Fund

The Robert E. Watson Memorial Fund was established November 2, 1984, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from alumni and friends of Robert E. Watson, B.S.I.E., 1949, 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 is to be used for those purposes which will aid the research, teaching and service programs/facilities within the Department of Industrial and Systems Engineering. The Chairperson of the Industrial and Systems Engineering Department will have sole authority to authorize expenditures from the Fund, as approved by the Dean of the College of Engineering.

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 industrial and systems engineering education.

Elizabeth M. Mote Memorial Award in Microbiology

The Elizabeth M. Mote Memorial Award in Microbiology was established November 2, 1984, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from family, friends, colleagues and former students of Elizabeth M. Mote, Assistant Professor Emeritus, B.A., Biological Sciences, 1930, as a memorial to her teaching career in microbiology.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income from the fund shall be used to provide one or more awards to outstanding graduate teaching associates in microbiology as determined by the Department under criteria developed by the Chairperson of the Department in consultation with the family and as approved by the Dean of the College of Biological Sciences.

November 2, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Elizabeth M. Mote Memorial Award in Microbiology (contd)

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 purposes 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 awards to graduate associates in the sciences.

Robert J. Wherry, Sr., Memorial Fund

The Robert J. Wherry, Sr., Memorial Fund was established November 2, 1984, 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 Robert J. Wherry, Sr., Ph.D., Psychology, 1929, and former Chairperson of the Department of Psychology.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be awarded to a worthy graduate student or students seeking a doctorate in Industrial/Organizational or Quantitative Psychology as recommended by the Dean of the College of Social and Behavioral Sciences.

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 student financial aid in the Department of Psychology.

Eugene C. D'Angelo Award

The Eugene C. D'Angelo Award was established November 2, 1984, by the Board of Trustees of The Ohio State University with an initial gift from Eugene C. D'Angelo.

All gifts are to be invested in the University's Permanent Endowment Fund, under the 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, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Eugene C. D'Angelo Award (contd)

The annual income is to be awarded on a merit basis to one or more graduate or undergraduate Double Bass students enrolled in the School of Music. Recipients will be selected by the Director of the School in consultation with the appropriate music faculty, and with the approval of the Dean of the College of The Arts.

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 academic programs in the School of Music.

Lawrence A. Kaufman 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., 1968.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to support a student with demonstrated financial need and in good academic standing as determined by the Dean of the College of Pharmacy in consultation with the University Student Financial Aid Committee. The award is to be given to one undergraduate student in the Pharmaceutical Administration Department who is most likely to succeed in community pharmacy. The student-scholar is to be known as the Kaufman Scholar.

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 pharmacy education.

November 2, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Francis P. Robinson, Frank M. Fletcher,
Harold B. Pepinsky, and Maude Stewart
Endowment Fund

The Francis P. Robinson, Frank M. Fletcher, Harold B. Pepinsky, and Maude Stewart Endowment Fund was established November 2, 1984, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from W. Bruce and Jane C. Walsh in memory of Dr. Robinson and in honor of Drs. Fletcher, Pepinsky, and Stewart.

All gifts are to be invested in the University's Permanent Endowment Fund under the rules and regulations adopted by the Board of Trustees of The Ohio State University with the right to invest and reinvest as occasion dictates.

The annual income is to be used to support faculty development and faculty and graduate student research primarily in the area of Counseling Psychology as recommended and approved by W. Bruce and Jane C. Walsh or their designate in conjunction with the Chairperson of the Department of Psychology. Any unused income in any given year shall be carried forward for distribution the following year.

Should the need for this fund cease to exist, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference given to recommendations from the appropriate administrative official of the University who is directly responsible for education in the field of counseling psychology.

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REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS

Resolution No. 85-54

Synopsis: Contracts have been awarded for the projects listed below to the lowest and best bidders in accordance with University procedures.

WHEREAS resolutions adopted by the Board of Trustees at previous meetings authorized the President and/or Vice President for Business and Finance to sign the plans and specifications and, in accordance with established University procedures, to request bids and, if satisfactory bids were received, to recommend to the Department of Administrative Services, Division of Public Works, the award of contracts for the following projects:

November 2, 1984 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

MANSFIELD CAMPUS - RENOVATION AND CAMPUS IMPROVEMENTS

Description: This project provides for the renovation of buildings by providing laboratories and offices for various technical education programs; replacing the heating, ventilating and air conditioning system; construction of a new maintenance facility; and renovation and expansion of the auditorium of Ovalwood Hall. The project will also provide both fixed and movable equipment. Work is scheduled for completion by October, 1985.

General Contract

Date Received:	August 28, 1984
No. of Bids:	5
Low Bid:	\$572,975.00*
High Bid:	\$686,108.00*
Estimate of Cost:	\$593,185.00*
Awarded to:	Bogner Construction, Wooster, Ohio

Plumbing Contract

Date Received:	August 28, 1984
No. of Bids:	5
Low Bid:	\$ 97,590.00*
High Bid:	\$121,185.00*
Estimate of Cost:	\$114,900.00*
Awarded to:	Guenther Plumbing & Heating, Ashland, Ohio

HVAC Contract

Date Received:	August 28, 1984
No. of Bids:	2
Low Bid:	\$ 589,000.00*
High Bid:	\$ 607,200.00*

*Recommended alternates reflected in these figures.

November 2, 1984 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

MANSFIELD CAMPUS - RENOVATION AND CAMPUS IMPROVEMENTS (contd)

HVAC Contract (contd)

Estimate of Cost:	\$ 556,650.00*
Awarded to:	J. A. Guy, Inc., Dublin, Ohio

Electrical Contract

Date Received:	August 28, 1984
No. of Bids:	3
Low Bid:	\$ 292,663.00*
High Bid:	\$ 393,000.00*
Estimate of Cost:	\$ 328,325.00*
Awarded to:	Bellville Electric Inc., Mansfield, Ohio

Total All Contracts:	\$1,552,228.00*
Total Equipment Allowance:	\$1,711,682.00
Total Contingency Allowance:	\$ 66,482.76 (which is 4 per cent of construction costs)
Total Project Cost:	\$3,564,871.90*
Funding:	Senate Bill 381 and House Bill 798

*Recommended alternates reflected in these figures.

AGRICULTURAL TECHNICAL INSTITUTE - PHASE III

Description: Construction of a Student Activities Center Building and a Bee Laboratory Facility at Wooster, Ohio. The Student Activities Center will provide space for intramural sports, graduation exercises, student government, assemblies, hobbies, crafts, student clubs, special events, and other recreational activities. The Bee Laboratory will provide laboratories, offices, work areas, and an interior vehicle loading dock. Construction is scheduled for completion in December, 1985.

November 2, 1984 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

AGRICULTURAL TECHNICAL INSTITUTE - PHASE III (contd)

General Contract

Date Received:	September 13, 1984
No. of Bids:	11
Low Bid:	\$1,358,967.00
High Bid:	\$1,673,000.00
Estimate of Cost:	\$1,389,250.00
Awarded to:	Stanley Miller Construction Co., E. Sparta, Ohio

Plumbing Contract

Date Received:	September 13, 1984
No. of Bids:	5
Low Bid:	\$ 149,600.00
High Bid:	\$ 224,285.00
Estimate of Cost:	\$ 148,670.00
Awarded to:	Altland Plumbing, Massillon, Ohio

HVAC Contract

Date Received:	September 13, 1984
No. of Bids:	7
Low Bid:	\$ 259,500.00
High Bid:	\$ 315,000.00
Estimate of Cost:	\$ 224,330.00
Awarded to:	Guenther Plumbing & Heating, Ashland, Ohio

November 2, 1984 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

AGRICULTURAL TECHNICAL INSTITUTE - PHASE III (contd)

Electrical Contract

Date Received:	September 13, 1984
No. of Bids:	7
Low Bid:	\$ 157,500.00
High Bid:	\$ 189,440.00
Estimate of Cost:	\$ 152,950.00
Awarded to:	Bellville Electric Inc., Mansfield, Ohio
Total All Contracts:	\$1,925,567.00
Total Equipment Allowance:	\$ 145,000.00
Total Contingency Allowance:	\$ 96,706.95 (which is 5 per cent of construction costs)
Total Project Cost:	\$2,427,000.00
Funding:	Senate Bill 381

Plumbing, HVAC and Electrical Contracts are in excess of filed estimates of cost; however, the total price of all contracts is within the total estimate of cost and is recommended for award as provided by Section 153.12 of the Revised Code.

NOW THEREFORE

BE IT RESOLVED, That pursuant to the actions previously authorized by the Board, the award of contracts and the establishment of project funds and contingency funds for the projects listed above are hereby approved.

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

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EDISON WELDING INSTITUTE, INCORPORATED

Resolution No. 85-55

Synopsis: Authorization to participate in the Edison Welding Institute, Incorporated is requested.

November 2, 1984 meeting, Board of Trustees

EDISON WELDING INSTITUTE, INCORPORATED (contd)

WHEREAS pursuant to Chapter 122 of the Revised Code, the Director of the Ohio Department of Development administers the Thomas Alva Edison Partnership Program to promote the welfare of the people of Ohio by providing funding to encourage the interaction of the business and industrial community and Ohio educational institutions in order to stimulate the development and implementation of new technologies; and

WHEREAS the Edison Welding Institute, Incorporated (EWI) is being formed as a not-for-profit corporation under the laws of Ohio to conduct programs of research, development, applications, education, training, and technology transfer in the fields of welding and allied technologies that can be used by private sector organizations to improve existing products and create opportunities for pursuing new commercial products and ventures; and

WHEREAS the Director of the Ohio Department of Development has determined that the formation of EWI will benefit the people of Ohio by promoting joint private sector and university research and development efforts and programs and is in the process of entering into a grant agreement with EWI to provide approximately \$4,100,000.00 in matching funds for EWI's research and development program; and

WHEREAS it is in the best interest of The Ohio State University to participate directly in the activities of the Edison Welding Institute and to have representatives of the University serving in that capacity on EWI's Board of Trustees:

NOW THEREFORE

BE IT RESOLVED, That if and when the Edison Welding Institute, Incorporated, is formed, the Board of Trustees of The Ohio State University authorize the University to become a member of EWI, with all rights appurtenant thereto, including the appointment by the President of University representatives to serve on the EWI governing board, and that the President and/or Vice President for Business and Finance be authorized to negotiate and enter into such agreements as are necessary to implement the University's participation in EWI.

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

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APPLIED INFORMATION TECHNOLOGIES RESEARCH CENTER

Resolution No. 85-56

Synopsis: Authorization to participate in the Applied Information Technologies Research Center is requested.

November 2, 1984 meeting, Board of Trustees

APPLIED INFORMATION TECHNOLOGIES RESEARCH CENTER (contd)

WHEREAS pursuant to Chapter 122 of the Revised Code, the Director of the Ohio Department of Development administers the Thomas Alva Edison Partnership Program to promote the welfare of the people of Ohio by providing funding to encourage the interaction of the business and industrial community and Ohio educational institutions in order to stimulate the development and implementation of new technologies; and

WHEREAS the Applied Information Technologies Research Center (AITRC) has been formed as a not-for-profit corporation under the laws of Ohio to conduct applied research and development in information technologies, including artificial intelligence, information processing, microelectronics, software and systems engineering, and telecommunications, that can be used by private sector organizations to improve existing products and create opportunities for pursuing new commercial products and ventures; and

WHEREAS the Director of the Ohio Department of Development has determined that the formation of AITRC will benefit the people of Ohio by promoting joint private sector and university research and development efforts and programs and is in the process of entering into a grant agreement with AITRC to provide approximately \$4,100,000.00 in matching funds for AITRC's research and development program; and

WHEREAS it is in the best interest of The Ohio State University to participate directly in the activities of the Applied Information Technologies Research Center and to have a representative of the University serving in that capacity on AITRC's Board of Trustees:

NOW THEREFORE

BE IT RESOLVED, That the Board of Trustees of The Ohio State University authorize the University to become a member of the Applied Information Technologies Research Center, with all rights appurtenant thereto, including the appointment by the President of University representatives to serve on the AITRC governing board, and that the President and/or Vice President for Business and Finance be authorized to negotiate and enter into such agreements as are necessary to implement the University's participation in AITRC.

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

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REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 85-57

RESOLVED, That the report on the University's Investment Portfolio, dated October 19, 1984, 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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November 2, 1984 meeting, Board of Trustees

Thereupon the Board adjourned to meet Friday, December 14, 1984, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Madison H. Scott
Secretary

D. James Hilliker
Chairman

APPENDIX II

Degrees Conferred at

THE OHIO STATE UNIVERSITY
COMMENCEMENT CONVOCATION

December 7, 1984

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Commencement Speaker

Grace Murray Hopper Commencement Speaker

Grace Murray Hopper is one of the pioneers of the computer industry. After earning a bachelor's degree from Vassar and master's and Ph.D. degrees from Yale University, Hopper taught mathematics for several years at Vassar. In 1943, she entered the United States Naval Reserve and attended midshipman's school. After graduation, she was commissioned lieutenant (JG) and ordered to the Bureau of Ordnance Computation Project at Harvard. She learned to program the first large-scale digital computer, Mark I, at Harvard. She went to work on successors to that computer for the Navy, then transferred her efforts to the UNIVAC project for what would become the Sperry Rand Corporation. Hopper retired in 1971.

She has published more than 50 papers and articles on software and programming languages. She has been a visiting faculty member in engineering at the University of Pennsylvania and a professional lecturer in management science at George Washington University. Hopper is a fellow of the Institute of Electrical and Electronic Engineers, the American Association for the Advancement of Science, and the Association of Computer Programmers and Analysts. She is a recipient of numerous awards, honorary degrees, and other recognitions including, most recently, the Living Legacy Award from the Women's International Center, San Diego, and the Woman of the Year Award from the YWCA of the National Capital Area. She remains on active duty with the U.S. Naval Reserve and was promoted to the rank of commodore in 1983.

Recipients of Honors

Joseph McVicker Hunt **Doctor of Science**

Joseph McVicker Hunt is a scientist and scholar who has made an enormous contribution to the fields of psychology and education during the past several decades. His research on the effects of environment on the development and education of young children has had a strong influence on educational research and social policy. His 1941 work, *Personality and Behavior Disorders*, has been a standard reference for students of clinical psychology for many years. His book, *Intelligence and Experience*, published in 1961, inspired Project Head Start, one of the most successful and far-reaching social programs of this century. In 1966, he chaired the White House Task Force on Early Childhood Education.

A graduate of the University of Nebraska where he received his B.A. and M.A., and Cornell University where he obtained his Ph.D., Hunt spent most of his professional career on the faculties of Brown University and the University of Illinois. He retired from the University of Illinois as professor emeritus of psychology in 1974. He is a past president of the American Psychological Association and the American Psychological Foundation; a fellow of the American Association for the Advancement of Science and the American Academy of Psychotherapists; and the recipient of major awards from the American Psychological Association, the National Institute of Mental Health, the American Psychological Foundation, and the Society for the Psychological Study of Social Issues. In pursuit of his work on behalf of the human race, he has challenged students, colleagues, and professional peers throughout the world. Ohio State is proud to award him this honorary degree.

Abba G. Lichtenstein **Doctor of Engineering**

After earning a bachelor of civil engineering degree from Ohio State in 1948, Abba G. Lichtenstein went on to achieve international recognition for his work on the design and historic preservation of bridges. As principal or partner in several engineering firms in New Jersey and New York, Lichtenstein developed methods that have gained widespread use in evaluating and rehabilitating historic bridges for continued productive use. His work included an evaluation of the oldest suspension bridge in the United States at the request of the National Park Service. He also was involved in developing national standards for bridge inspection, investigated several notable bridge collapses, and served as an expert witness in resulting legal proceedings.

Lichtenstein is a fellow of the American Society of Civil Engineers and a member of the National Society of Professional Engineers, the International Association for Bridge and Structural Engineering, and a number of other professional organizations. He has presented more than 50 short courses and seminars as a visiting professor and has given more than 30 papers and lectures on bridge renovation and preservation. He has received numerous recognitions for his work, including the Distinguished Alumnus Award from Ohio State's College of Engineering. Lichtenstein is commended by colleagues in academia and his profession for his engineering skills, imagination, and dedication to the protection of this nation's engineering heritage. The University is proud to honor this distinguished alumnus.

Distinguished Service Awards

W. Arthur Cullman Distinguished Service Award

During his 35 years as a faculty member in the College of Administrative Science at Ohio State, W. Arthur Cullman gained an international reputation as a specialist in strategy, policy, and advertising. He began his career with a bachelor's degree from Yale University and an M.B.A. from Harvard Business School. Cullman worked in various sales capacities for Philip Morris and was executive vice president of Benson and Hedges before joining the marketing faculty at Ohio State in 1947. He earned his Ph.D. here in 1951. At Ohio State, Cullman served as director of graduate programs in business and as chairperson of the marketing faculty. In 1953 he was named professor of the year by the students in the college, and in 1955 he received the Alfred J. Wright Award for service to Ohio State students.

Cullman has been an active business consultant and has served on the faculties of workshops and institutes, including the Graduate School of Credit and Financial Management at Dartmouth College and the Graduate School of Sales Management and Marketing at Rutgers and Syracuse Universities. He taught at a management development institute in Lausanne, Switzerland, in 1969-70 and has lectured around the world. Cullman retired in 1982 as professor emeritus of marketing. He has been president of the American Marketing Association and is active on the boards of several corporations and cultural and service organizations. Cullman was honored with the creation of two University endowed funds in his name when he retired. Ohio State is pleased to recognize him for his achievements and service to this University.

Stanley Earl Harrison Distinguished Service Award

A native of Gallipolis, Ohio, and an honors graduate of Ohio State with a degree in electrical engineering, Stanley Earl Harrison provides a stellar example of cooperation between industry and academia in the pursuit of excellence. Professionally, he has conducted highly regarded work in engineering and technological development with Battelle Columbus Laboratories, Sandia Laboratories, Martin-Marietta Corporation, and BDM Corporation. Harrison is now president and chief operating officer of BDM Corporation as well as executive vice president and a director of BDM International, Inc. He is active in numerous professional societies and national committees. He received the Benjamin G. Lamme Meritorious Achievement Medal, the highest honor granted by Ohio State's College of Engineering, in 1980.

Harrison was the first chairperson of the Committee for Tomorrow, directing efforts of distinguished business leaders in supporting the College of Engineering. He was the primary driving force in developing and implementing the goals and objectives of the Alliance with Industry Program and helped to develop advisory committees for each department in the college. Harrison devoted boundless energy to the completion of a \$15-million campaign to provide the College of Engineering with endowed chairs, equipment, program support, and scholarships. He is a member of The Presidents Club and personally supports an annual faculty award for excellence in engineering education. The University deeply appreciates his dedication.

Distinguished Service Awards

L. Neal Smith Distinguished Service Award

L. Neal Smith retired in 1982 after 21 years on the staff of the Center for Textual Studies in Ohio State's Department of English. He was overall supervisor of the work at the center and chief textual researcher involved in producing the center's monumental edition, *The Centenary Edition of the Works of Nathaniel Hawthorne*. The Hawthorne project is an immense scholarly achievement that has brought the University immeasurable praise during the past two decades. One of a series of similar projects begun at major universities in 1960, the Hawthorne project set textual standards and defined editorial practices that became the norm for all later projects.

While many other individuals were involved in the project and, on occasion, received greater public credit, Smith was the researcher who ferreted out the elusive facts about stop-press corrections, hidden impressions, surreptitious foreign printings, and other little known details involved in the textual criticism of so prolific and popular an author as Hawthorne. Smith is a nationally recognized and frequently consulted expert on the deciphering of Hawthorne's difficult handwriting, and he probably knows more about this author's work habits and his dealings with publishers than any other scholar in the world. After more than 20 years devoted to bringing this important work to a conclusion, Smith retired with the basic textual work completed on all of Hawthorne's writings. The University is proud to recognize his tireless efforts with this award.

The Graduate School

Acting Dean: John B. Gabel

Doctor of Musical Arts

Timothy John Minnis, Euclid, B.M., M.M.
(Manhattan School of Music); *Music*;
Dr. Richard Tetley-Kardos

Thomas Howard Romine, Athens, B.M., M.M.
(University of Utah); *Music*;
Dr. Marshall H. Barnes

Doctor of Philosophy

Ibrahim Mohammed Al-Khulaili, Kuwait, Safat,
Kuwait; B.S., Diploma (Kuwait University); M.A.
(Michigan State University); *Education: Theory and
Practice*;
Dr. Edwin G. Novak

Mustafa Mohamed Azzouz, Benghazi, Libya; M.S.;
Electrical Engineering;
Dr. James G. Gottling

Lauren O. Bakaletz, North Olmsted; B.S., M.S.;
Microbiology;
Dr. Melvin S. Rheins

Herald William Barker, Urbana; B.S. (Urbana
University); M.Ed. (Wright State University);
Education: Human Services;
Dr. Thomas M. Stephens

Paul Bruce Barlett, Columbus; B.S., M.S. (University
of Akron); *Anatomy*;
Dr. Martha E. Sucheston

Michele Manifold Beery, Hillsboro; B.S., M.Ed.
(Miami University); *Education: Theory and Practice*;
Dr. C. Ray Williams

Anna Walchner Bellizzi, Göttingen, West
Germany; B.A. (Wittenberg University); M.A.;
Anthropology;
Dr. Frank E. Poirier

Prakash Manohar Bhaté, Vadodara, Gujarat,
India; B.S., B.S. (Tech.) (University of Bombay);
Chemistry;
Dr. Derek Horton

René Marie Lawson Bolotta, West Portsmouth;
B.S., M.A.; *Education: Theory and Practice*;
Dr. Donald R. Bateman

Francis Andrew Imalkalani Bowers, Jr., Honolulu,
HI; B.A. (University of Hawaii); M.A. (University of
Kansas); *Education: Theory and Practice*;
Dr. J. Joe Crosswhite

James Robert Brink, Columbus; B.S. (Muskingum
College); M.S., M.S.; *Mathematics*;
Dr. Robert Gold

Osman Merih Buyukodura, Ankara, Turkey; B.S.
(Middle East Technical University); M.S.; *Electrical
Engineering*;
Dr. Robert G. Kouyoumjian

Silvana Maria Camboni, Columbus; B.A., M.A.;
Agricultural Economics and Rural Sociology;
Dr. Ted L. Napier

Lorraine N. Carpenter, Albemarle, NC; B.M., M.M.
(University of North Carolina at Greensboro);
Education: Policy and Leadership;
Dr. Luvern L. Cunningham

Mih-Kun Chang, Columbus; B.S. (State University
of New York at Albany); *Biochemistry*;
Dr. Gary E. Means

Sulle Lin Chang, Chaiyi, Taiwan, R.O.C.; B.A.
(National Chengchi University at Taipei); M.A.
(State University of New York at Albany);
Biochemistry;
Dr. George S. Serif

Sandra Elaine Chalkous, Atlanta, GA; B.S. (Howard
University); *Chemistry*;
Dr. David J. Hart

Nancy Van Note Chism, Jersey City, NJ; B.A.
(Fordham University); M.A.T. (Smith College);
Education: Policy and Leadership;
Dr. Donald P. Sanders

Che-Ping Chuang, Columbus; B.S. (Cheng-Kung
University); M.S. (Tsin-Hua University); *Chemistry*;
Dr. David J. Hart

Mark David Cloud, Columbus; B.S., M.A.;
Psychology;
Dr. Donald R. Meyer

Charles Edwin Coburn, Rochester, NY; B.S. (Miami
University); M.S.; *Chemistry*;
Dr. John S. Swenton

Sara Elaine Dallman, Aurora, CO; B.A. (St. Olaf
College); M.A.; *Education: Human Services*;
Dr. Joseph J. Ouaranta

Ramon Paul DeGennaro, Oberlin; B.S., M.Ed.
(Ohio University); *Business Administration*;
Dr. Edward J. Kane

Shree S. Dhanwale, Columbus; B.S. (Nagpur
University); M.S. (University of Saugor); M.S.;
Genetics;
Dr. George A. Marzulf

Allen Keith Dominick, Williston, ND;
B.S.E.E., M.S.E.E. (University of North Dakota);
Electrical Engineering;
Dr. Leon Peters

Scott L. Donaldson, Ashland; B.S. (Ashland
College); M.A., M.Div. (Ashland Theological
Seminary); *Education: Human Services*;
Dr. Steven W. Leclair

William Marvin Dulaney, Alliance; B.A. (Central
State University); M.A.; *History*;
Dr. Austin K. Kerr

Mohamed Osman Mohamed Elhassan, Khartoum,
Sudan; B.S. (University of Khartoum); M.S.
(University of California at Davis); *Horticulture*;
Dr. Stanley Z. Berry

James Paul Fingerlos, Pocatello, ID; B.S., M.E.
(University of Utah); *Nuclear Engineering*;
Dr. Don W. Miller, Dr. Walter E. Carey

John Martin Flach, Centerville; B.A. (St. Joseph's
College); M.A. (University of Dayton); *Psychology*;
Dr. Richard J. Jagacinski

Bridget Floyd, Tusculum, AL; B.A. (Fisk
University); M.A.; *Psychology*;
Dr. Charles Wenar

Nicholas E. Frangos, Polihnitos, Lesvos, Greece;
B.S. (Athens University, Greece); M.S.;
Mathematics;
Dr. Louis Sucheston

Haydee S. Geduspan, Cabaian, New Lucena,
Iloilo, Philippines; B.S. (Central Philippine
University); M.S.; *Horticulture*;
Dr. Andrew C. Peng

Judith Durst Gentry, Kane, PA; B.S. (University of
Pittsburgh); M.A. (Adelphi University); *Education:
Policy and Leadership*;
Dr. Luvern L. Cunningham

Abdalla Mohamed Getlawi, Souk El-Giuma,
Tripoli, Libya; B.S. (Al Fateh University); M.S.
(University of California at Davis); *Horticulture*;
Dr. Wilbur A. Gould

Deborah Susan Gonyon, Hingham, MA; B.S.
(University of Massachusetts at Amherst); M.S.
(University of Idaho at Moscow); *Dairy Science*;
Dr. Walter R. Harvey

H. Akia Gore, Antigua, Caribbean; B.A., M.A.;
Agricultural Economics and Rural Sociology;
Dr. Ted L. Napier

Kenneth Earl Green, Dublin, B.A. (Southern Illinois
University of Edwardsville); *Chemistry*;
Dr. Leo A. Paquette

Richard Anderson Grover, Orient; B.S. (University
of Connecticut); M.S.; *Business Administration*;
Dr. Jay S. Kim

Indra Jeet Gupta, Mathura, U.P., India; B.S., M.S.
(Agra University); *Plant Pathology*;
Dr. August F. Schmitthenner

William Earl Hall II, Billingsley, AL; B.A.
(Birmingham-Southern College); M.S.; *Computer and
Information Science*;
Dr. Stuart H. Zweben

Shinichi Hama, Kitakyushu, Fukuoka, Japan; B.S.
(Kyushu University); M.S. (Kobe University); *Physics*;
Dr. Bunny C. Clark

Paul Theodore Hamilton, Columbus; B.S.
(University of Michigan); M.S.; *Microbiology*;
Dr. John N. Reeve

Lynne Maria Hanney, Nanaimo, British Columbia,
Canada; B.A., M.Ed. (University of Victoria);
Education: Policy and Leadership;
Dr. Gail McCutcheon

Walter Glenn Harewood, Toronto, Ontario,
Canada; B.A., Diploma Ed. (University of Toronto);
M.A. (Middlebury College); *Education: Theory and
Practice*;
Dr. Gilbert A. Jarvis

Diane Sue Harry, New Lebanon; B.A. (Miami
University); M.S.; *Statistics*;
Dr. Ramesh C. Srivastava

Salah Salem Hassan, Cairo, Egypt; B.S. (King Saud University); M.S. (Oklahoma State University); *Agricultural Economics and Rural Sociology*; Dr. Ted L. Napier

Jill Rader Hayes, Columbus; B.S.H.E., M.S. (University of Georgia); *Home Economics: Home Management and Housing*; Dr. Nancy M. Rudd

Peter John Heffernan, River Edge, NJ; B.S. (Rutgers University); M.S.; *Agricultural Economics and Rural Sociology*; Dr. Warren F. Lee

Eric Fairchild Heyne, Seattle, WA; B.A. (University of Washington); M.A.; *English*; Dr. James P. Phelan

Stanley Edward Hopkins, Mt. Alto, WV; B.S. (West Virginia University); M.S. (Marshall University); *Vocational Education, Comprehensive Program*; Dr. Dewey A. Adams

Naomi Hoshino, Nitta, Gumma, Japan; B.S., M.S. (Ochanomizu University); *Chemistry*; Dr. Daryle H. Busch

Doohyun Hwang, Seoul, Korea; B.A. (Seoul National University); M.A. (Thammasat University); *Economics*; Dr. Donald R. Haurin

Jacob Abel-E. Mwakioni, Arusha, Arusha Region, Tanzania, E.A.; Diploma (West Virginia University); M.A. (University of Reading); *Agricultural Education*; Dr. Larry E. Miller

Edward Jadhallah, Cleveland; B.A. (Malone College); M.A. (Bowling Green State University); *Education: Theory and Practice*; Dr. M. Eugene Gillom

Carol Woodling Johnson, Columbus; B.S., D.V.M.; *Veterinary Pathology*; Dr. Rolf F. Barth

Michael Edward Johnson, Greenville, TN; A.B. (Berea College); M.S. (Eastern Kentucky University); *Health, Physical Education and Recreation*; Dr. Donald K. Matthews

John Gearey Johnstone, Columbus; B.A. (Pomona College); M.A. (San Jose State University); *Music*; Dr. Charles M. Atkinson

Patricia Keats Kastle, Columbus; B.A. (University of Buffalo); M.S.W. (Syracuse University); *Education: Policy and Leadership*; Dr. William Moore, Jr.

Jacob Jeong-Geun Kim, Columbus; B.S. (Sogang University); M.E. (Old Dominion University); *Electrical Engineering*; Dr. Walter D. Burtside

William Timothy Kirk, South Bend, IN; B.S. (University of Evansville); M.A.; *Psychology*; Dr. Gary C. Berrison

Grant Gary Knowlton, East Lansing, MI; B.S. (Montana State College); D.V.M. (Colorado State University); M.S.; *Veterinary Physiology and Pharmacology*; Dr. Robert L. Hamlin

Alan Ray Kurtz, Salem; B.A. (Goshen College); M.S.; *Agronomy*; Dr. Edward W. Stroube

Bing Woon Kwain, Deep River, Ontario, Canada; B.S., M.S. (Queen's University); *Electrical Engineering*; Dr. Robert G. Kouyoumjian

Tsung-Hui Lal, Tainan, Taiwan, R.O.C.; B.A. (National Cheng Chi University); M.A.; *Economics*; Dr. William G. Dewald

Gregory L. Laddtner, Lafayette, IN; B.A. (Indiana University); M.S. (San Diego State University); *Psychology*; Dr. Andrew I. Schwebel

Lynn Emily Lee, Elmira, NY; B.S., M.A.T. (Cornell University); *Agricultural Education*; Dr. J. Robert Warmbrod

Peter Stanley Lemish, San Rafael, CA; B.A. (University of California); M.A.; *Education: Policy and Leadership*; Dr. Donald P. Sanders

Anna Liao, Taiwan, R.O.C.; B.S. (National Taiwan University); M.S. (Marquette University); *Pharmacy*; Dr. Carter L. Olson

Carlos E. Macellari, La Plata, Buenos Aires, Argentina; Licenciado (University Nacional de La Plata, Argentina); M.S.; *Geology and Mineralogy*; Dr. William J. Zinsmeister

Kevin Bruce Mahan, Tyrone, PA; B.S. (The Pennsylvania State University); *Medical Microbiology and Immunology*; Dr. Vincent V. Hampanian

Michael Charles Mahanay, Zanesville; B.A., M.A.; *Anthropology*; Dr. Paul W. Sciulli

Flora Jean Malloch, Thornhill, Ontario, Canada; B.A. (York University); M.A.; *Education: Theory and Practice*; Dr. C. Ray Williams

Magdalena Arceo Mateo, Philippines; B.S.N. (Far Eastern University); M.N. (University of the Philippines); *Education: Human Services*; Dr. James V. Wight

Noriatsu Matsui, Gambier; B.A. (Osaka University); M.A. (University of Hawaii); *Economics*; Dr. Tetsunori Koizumi

Danny Lee McBride, Idaho Falls, ID; B.A. (Idaho State University); M.A.; *Health, Physical Education and Recreation*; Dr. Charles L. Mand

James Russell McConnell, Cochranton, PA; B.S. (Gannon University); *Chemistry*; Dr. John S. Swenton

Anna M. McGuire, Dayton; B.S. (Central State University); M.Ed. (Ohio University); *Education: Policy and Leadership*; Dr. Elsie J. Albery

Golden Jackson Mergler, Columbus, MS; B.S. (Mississippi State College for Women); M.S.H.E. (University of North Carolina at Greensboro); *Geography*; Dr. Kevin R. Cox

Joseph Collier Millsbach, Columbus; B.A. (University of Notre Dame); M.A.; *Psychology*; Dr. Don M. Dell

Karen Lynn Muir, Columbus; B.A., M.A.; *Anthropology*; Dr. E. Ojo Arewa

Klaus Karl Obermeier, Landshut, West Germany; Abitur (Hans-Carossa Gymnasium); M.A.; *Linguistics*; Dr. Arnold M. Zwicky

Janeal Milka Oprea, Garfield Heights; B.A. (Ohio Northern University); M.S.; *Education: Theory and Practice*; Dr. Richard J. Shumway

Alaisha Orooji, Tehran, Tehran, Iran; B.S. (College of Math and Economics Management); M.S. (Florida Institute of Technology); *Computer and Information Science*; Dr. Douglas S. Kerr

Egerton Oyenewense Osunde, Benin City, Bendel State, Nigeria; B.S. (Ahmadu Bello University); M.A. (Case Western Reserve University); M.A.; *Education: Policy and Leadership*; Dr. Robert B. Sutton

Melissa Anne Parker, Waycross, GA; B.S. (University of North Carolina at Greensboro); M.A.; *Health, Physical Education and Recreation*; Dr. Daryl L. Sledentop

Raymond Joseph Patch, Westerville; B.S. (University of Lowell); *Pharmacy*; Dr. Donald T. Witlak

Richard Dennis Peindl, Columbus; B.S.M.E. (Case Institute of Technology); M.S.; *Engineering Mechanics*; Dr. Ali E. Ergin

Dennis Andrew Petruska, Levittown, PA; B.A. (University of Pittsburgh); M.A.; *Economics*; Dr. Robert A. Driskill

Kenneth W. Pickerill, Wingate, NC; B.S. (Miami University); M.Div. (Asbury Theological Seminary); M.A.; *Health, Physical Education and Recreation*; Dr. Charles L. Mand

Martha Ann Pitzer, Columbus; B.S.N., M.S.; *Home Economics: Family Relations and Human Development*; Dr. Ellen I. Hock

Thomas P. Pusateri, Scranton, PA; B.A. (Le Moyne College); M.A.; *Psychology*; Dr. Thomas M. Ostrom

Thomas William Rackers, Woodlawn, KY; B.A. (Thomas More College); M.S.; *Physics*; Dr. S. Leslie Blatt

Vaidyanath B. Rajan, Calcutta, W. Bengal, India; B.Tech. (Indian Institute of Technology); M.S. (Case Western Reserve University); *Metallurgical Engineering*; Dr. John P. Hirth

Bonnie L. Roach, Columbus; B.A. (Vassar College); M.L.H.R.; *Labor and Human Resources*; Dr. Don Ranchi

Curt Richard Rom, Wooster; B.S. (University of Arkansas); M.S.; *Horticulture*;
Dr. David C. Ferree

William Rosa, San Juan, Puerto Rico, Puerto Rico; B.A. (University of Puerto Rico); M.A. (Michigan State University); *Romance Languages and Literatures*;
Dr. Salvador Garcia

Grant Theodore Savage, Lubbock, TX; B.A. (University of Connecticut); M.A.; *Communication*;
Dr. Donald J. Cegala

Linda Stoer Scagg, Mt. Sterling; B.S., M.A.;
Education: Human Services;
Dr. Joseph J. Quaranta

Mary Louise Finnegan Schaalman, North Andover, MA; B.A. (Tufts University); M.A.;
Psychology;
Dr. Milton D. Hakel

Jayne Ellen Schachter, Plainview, NY; B.S. (Cornell University); M.A.; *Psychology*;
Dr. Charles Wenar

Ann Louise Schreck, Hilliard; B.S.; M.S.; *Education: Theory and Practice*;
Dr. Ayles G. D'Costa

Wan Young Shih, Taipei, Taiwan, R.O.C.; B.S. (National Tsing-Hua University); *Physics*;
Dr. David G. Stroud

Wei-Heng Shih, Taiwan, R.O.C.; B.S. (National Tsing-Hua University); *Physics*;
Dr. David G. Stroud

Marc Taintor Smith, Columbus; B.A. (Denison University); M.C.P. (University of Pennsylvania); *Business Administration*;
Dr. Patric H. Hendershott

Patricia Ann Smith, Ashland; B.A., M.A.;
Psychology;
Dr. Don M. Dell

Lori Ann Spangler, Raleigh, NC; B.S. (University of North Carolina at Chapel Hill); *Chemistry*;
Dr. John S. Swenton

Glen C. Steyer, Batavia; B.S.M.E., M.S.; *Mechanical Engineering*;
Dr. Rajendra Singh

Kerry Michael Stroup, Cuyahoga Falls; B.A. (College of Wooster); M.A., M.A.; *Anthropology*;
Dr. E. Ojo Arewa

Harold Richard Sulter, Hillsboro; B.S.; *Physics*;
Dr. Hershel J. Hausman

Graeme Leslie Sullivan, Sydney, New South Wales, Australia; Dipl. (Alexander Mackie College of Advanced Education); M.A.; *Art Education*;
Dr. Kenneth A. Marantz

Gary LeRoy Swetzer, Powell; B.S., M.A.;
Education: Theory and Practice;
Dr. Stanley L. Helgeson

Linda Lou Thompson, Columbus; B.A., B.S., M.A.;
Education: Policy and Leadership;
Dr. Elsie J. Alberry

Suh-Jen Jane Tsai, Taiwan, R.O.C.; B.S. (Providence College); *Chemistry*;
Dr. Daniel L. Leussing

Ronald Edward Turner, Burke, VA; B.S., M.S. (University of Florida); *Physics*;
Dr. Richard N. Boyd

Joel Edwin Urbary, Lima; B.S., M.A.; *Business Administration*;
Dr. W. Wayne Talazyk

William A. Vilaume, Columbus; B.A. (Waterloo Lutheran University); M.Div. (Lutheran Theological Seminary at Philadelphia); M.A.; *Communication*;
Dr. Donald J. Cegala

Joyce R. Wasserstein, Washington, D.C.; B.A. (University of Rochester); M.A.; *Psychology*;
Dr. Lyle D. Schmidt

Adele Barbara Weiss, Dublin; B.S., M.A.;
Education: Human Services;
Dr. Timothy E. Heron

Susan Kay Wilmoth, St. Clairsville; B.S., M.S. (Ohio University); *Health, Physical Education and Recreation*;
Dr. Robert Kaplan

Tanran Rustandi Wiradarya, Bogor, West Java, Indonesia; B.S. (Bogor Agricultural University); M.S. (University of Illinois); *Animal Science*;
Dr. Jack H. Cline

Bethany Lynne Wise, Columbus; B.S., M.S.;
Education: Policy and Leadership;
Dr. Donald P. Sanders

Steven Phillip Wrosten, Dallas, TX; B.A. (Baylor University); M.A.; *Psychology*;
Dr. Milton D. Hakel

Mohsen A. M. Youssef, Cairo, Egypt; B.A. (Ain Shams University); M.A. (Cairo University); *Labor and Human Resources*;
Dr. Samuel C. Kelley

Master of Applied Statistics

Jon Edward Godshall, Perkasio, PA; B.A. (Lock Haven State College); *Statistics*

Sha Gopal, Columbus; B.S. (University of Sri Lanka); M.S., Ph.D.; *Statistics*

Master of Architecture

Suvannee Chinchiewchan, Bangkok, Thailand; B.Arch. (Chulalongkorn University); *Architecture*

Thomas J. Faucher, Bedford, MA; B.A. Arch. (University of New Mexico); *Architecture*

Michael J. Fraser, Columbus; B.F.A. (University of New Mexico); *Architecture*

Olga Goulielμου, Thessaloniki, Greece; B.S. (Aristotle University of Thessaloniki); *Architecture*

Grace Atenza Tan, Cotabato City, Philippines; B.S. (University of Santo Tomas); *Architecture*

Maw Chang Yen, Tainan, Taiwan, R.O.C.; B.Arch. (Chung-Yuan University); *Architecture*

Master of Arts

Hamidah Abd-Hamid, Port Dickson, Negeri Sembilan, Malaysia; B.S. (Western Michigan University); *Journalism*

Claire Louise Angell, Lima; B.S. (Bluffton College);
Education: Theory and Practice

George Walter Ballinger, Jr., Montgomery, AL; B.S. (United States Air Force Academy); *History*

Roberta Elaine Barnes, Columbus; B.A. (Earlham College); *Education: Theory and Practice*

Bonnie Sue Barnett, Mansfield; B.S.; *Education: Theory and Practice*

Ralph Hiram Beery, Jr., Mt. Vernon; B.A.; *Public Administration*

Catherine Anne Benton, Reynoldsburg; B.S. (Miami University); *Health, Physical Education and Recreation*

Natalie Maria Blokowski, Parma; B.A. (Cleveland State University); *English*

Joanne Marie Bising, Gallion; B.S.; *Education: Theory and Practice*

Linda Jane Bibby, Columbus; B.A., B.S. (Otterbein College); *Education: Policy and Leadership*

Patricia Ann Boltz, Cuyahoga Falls; B.A.; *English Theory and Practice*

Cathie Lee Burson, Mt. Gilead; B.S.; *Education: Theory and Practice*

Joan Frances Callahan, Farmington Hills, MI; B.S. (Western Michigan University); *Art Education*

Julie Dryden Carbery, Kettering; B.S. (Bowling Green State University); *Education: Human Services*

Robert John Carlisle, Columbus; B.M.E. (Ohio University); *Education: Policy and Leadership*

Charlotte Sweeney Catlin, Grove City; B.M.E.; *Music*

David John Cogle, Galloway; B.S.; *Education: Policy and Leadership*

Ming-Der Chang, Taipei, Taiwan, R.O.C.; B.A. (National Taiwan University); *Economics*

Milen Hwa Chiang, Taipei, Taiwan, R.O.C.; B.A. (Tamkang College); M.A. (Ohio University); *East Asian Languages and Literatures*

Nan-Ting Chou, Taichung, Taiwan, R.O.C.; B.A. (National Taiwan University); *Economics*

Kimberly Anne Chrysler, Columbus; B.S.S.W.;
Education: Human Services

Wai-Yi Chun, Yaumati, Kowloon, Hong Kong; B.A. (National Taiwan University); *Education: Theory and Practice*

Lynn Huff Collins, Chagrin Falls; B.S. (Duke University); *Psychology*

Timothy Drew Congrove, Grove City; B.S.;
Education: Human Services

Diane Jean Conley, Columbus; B.S. (Bowling Green State University); *Education: Theory and Practice*

- Geoffrey Arthur Cross**, Columbus, B.A. (Miami University); A.M. (The University of Missouri); *English*
- Albert Lee Curtis, Jr.**, Chicago, IL; B.A. (Alcorn State University); *Journalism*
- Kristen Emily Davis**, Tampa, FL; B.A. (Oakwood College); *Psychology*
- Michael Thomas DeLorenzo**, N. Beach Haven, NJ; B.A. (Colorado State University); *Health, Physical Education and Recreation*
- Juanza Sabrina Dewalt**, Charlotte, NC; B.A. (Johnson C. Smith University); *Education: Theory and Practice*
- Mary Alice Dillman**, Delaware; B.A. (Manchester College); *Education: Theory and Practice*
- Susan Elizabeth Dlouhy**, Gahanna; B.S. (Kent State University); *Education: Human Services*
- Jeanne Johnson Dudzjak**, Chicago, IL; B.S. (Northern Illinois University); *Journalism*
- Vicky Y. Dula**, Columbus; B.S. (University of Cincinnati); M.S. (Xavier University); *Black Studies*
- Patrick H. Dunlevy**, Columbus; B.S.; *Health, Physical Education and Recreation*
- Karen Sue Easterday**, Washington Court House; B.A. (Miami University); *Education: Human Services*
- Douglas Alan Eckert**, Columbus; B.S.; *Education: Human Services*
- Linda Lou Eggerton**, Mansfield; B.S.; *Education: Theory and Practice*
- Susan Dorl Eiblin**, Chicago, IL; B.A. (University of Michigan); *Psychology*
- Francis Angulo Eldridge**, Columbus; B.A. (University of Arizona); *Public Administration*
- Sisi Essuman-Ocran**, Besiari, Ghana; B.S.; *Business Administration*
- Florence Anita Evans**, Delaware; B.S. (Frostburg State College); *Music*
- Russell Luke Evans**, Columbus; B.B.A. (The University of Toledo); *Education: Policy and Leadership*
- Anthony Faiola**, Seneca Falls, NY; B.F.A. (State University of New York at New Paltz); M.A. (State University of New York at Albany); M.F.A.; *Industrial Design*
- Kathleen Stevens Farber**, Cleveland; B.S.; *Education: Theory and Practice*
- Ruth E. Fassinger**, Sayville, NY; B.A., M.A. (State University of New York at Fredonia); *Psychology*
- Blake Ross Fitzpatrick**, Markham, Ontario, Canada; B.A.A. (Ryerson Polytechnical Institute); *Photography and Cinema*
- Virginia Lynn Fogt**, Hillsboro; B.S. (Morehead State University); *Public Administration*
- John Gregory Frysjnger**, Celina; B.A. (Ohio University); *Romance Languages and Literatures*
- Debra Lee Gallo**, Lisbon; B.S. (Baldwin-Wallace College); *Mathematics*
- William Edward Geiger**, Minster; B.A.; *Journalism*
- Richard George Gettings**, Columbus; B.S. (St. Peter's College); *Education: Human Services*
- Jeffrey Lanham Gibson**, Columbus; B.A. (Florida State University); *History of Art*
- Jack Calvin Guy**, Columbus; B.A., B.S.; *Education: Policy and Leadership*
- Michael Thomas Hahn**, Columbus; B.Ed. (University of Toledo); *Health, Physical Education and Recreation*
- Barbara Welling Hall**, Columbus; B.A. (Oberlin College); *Political Science*
- Paul Maurice Hamilton**, Buffalo, NY; B.A.; *Psychology*
- Alvin Lindy Hampton, Jr.**, Newport News, VA; B.S. (Virginia State University); *Health, Physical Education and Recreation*
- Gwang Jub Han**, Incheon, Korea; B.A. (Hankuk University of Foreign Studies); M.A. (Seoul National University); *Communication*
- Lynne Murray Heiligman**, Columbus; B.S.; *Education: Human Services*
- Wynn William Hollingshead**, West Unity; B.S.; *Journalism*
- Thomas Walter Holloway**, Falls Church, VA; B.A. (Regents' External Program of the University of the State of New York); *Political Science*
- Fred Randal Holmes**, Columbus; B.A. (Northern Michigan University); *Public Administration*
- Yu-Ping Hou**, Singapore, Singapore; B.S. (California State University at Fresno); *Business Administration*
- Suzanne Marie Hultz**, Columbus; B.S.; *Education: Theory and Practice*
- Hyae-Young Sung Hwang**, Seoul, Korea; B.A. (EWha Women's University); *Education: Human Services*
- Robert John Jackson**, Columbus; B.S.; *Education: Policy and Leadership*
- John Jennings Johnston**, Coshocton; B.S.; *Journalism*
- William Gerald Joffitt**, Magnetic Springs; B.S. (Central Michigan University); M.A. (Ashland Theological Seminary); *English*
- Pauline C. Katzenbach**, Marion; B.S.; *Education: Human Services*
- Patricia Irene Knapp**, Greencastle, IN; B.S. (Ball State University); *Psychology*
- Hiroshi Kobayashi**, Okayama, Japan; B.S., M.A. (Waseda University); *History*
- Beverly Michale Koenig**, Columbus; B.S.; *Education: Theory and Practice*
- William David Kujala**, Westerville; B.S.; *Health, Physical Education and Recreation*
- Kathleen Theresa Kunsinger**, Newark; B.A. (St. Francis College); *Education: Policy and Leadership*
- Mark Vincent Kwasny**, Columbus; B.A. (Lawrence University); *History*
- Cheng-Chuan Lai**, Taipei, Taiwan, R.O.C.; B.A. (National Taiwan University); *Economics*
- Vicky Jo Lathrop**, Columbus; B.S. (Miami University); *Education: Theory and Practice*
- Beth Bytheway Lehman**, Grove City; B.S. (Ashland College); *Education: Theory and Practice*
- Dottie Heacock Leichter**, Columbus; B.S. (Bowling Green State University); *Education: Theory and Practice*
- Thomas Marion Letz**, Montfort, WI; B.S. (University of Wisconsin); *Health, Physical Education and Recreation*
- Margaret Robinson Lynd**, Columbus; B.A. (Antioch College); *English*
- Nerita Castillo Macanan**, Aero Park, Paranaque, Philippines; B.S. (University of Neg. Occ. Recoletos); *Education: Human Services*
- Samalla Mari**, Dass Town, Bauchi, Nigeria; B.S.; *Education: Policy and Leadership*
- Nancy Jane Maradie**, Danville, CA; B.A.; *History*
- Matthew Dillon Markey**, London; B.S.; *Journalism*
- Elizabeth Ann Marshburn**, Oakland, CA; B.A. (California State University at Hayward); *Psychology*
- Douglas Stanley Martin**, Columbus; B.S.; *Education: Policy and Leadership*
- Dennis Paul May**, Marlborough, MA; B.A. (Colby College); *Linguistics*
- Janet Rose Meltzer**, Ridgewood, NJ; B.A. (Clark University); *Psychology*
- Gisela Maria Meyer**, Ashtabula; B.S. (University of Cincinnati); *Economics*
- Sandra Dolores Milligan**, Lithopolis; B.A. (Oberlin College); *Education: Theory and Practice*
- Davidson Momah**, Uswani-Gungu, Nigeria; B.A. (Central State University); *Political Science*
- Luis Arturo Mondriguéz**, Las Piedras, Puerto Rico; B.A. (Universidad de Puerto Rico); *Health, Physical Education and Recreation*
- Beverly Joan Montrella**, Columbus; B.S.; *Health, Physical Education and Recreation*
- Vanessa Lynn Moore**, Washington, DC; B.A. (University of Dayton); *Psychology*
- Hopeton St. Aubyn Morrison**, Kingston, Jamaica, West Indies; B.S. (Western Carolina University); *Education: Policy and Leadership*
- Sandra Ann Murray**, Upper Arlington; B.S. (University of Dayton); *Education: Human Services*
- Janis Firestone Nelson**, Worthington; B.A.Ed. (Michigan State University); *Education: Policy and Leadership*
- Jean Carol Odmark**, Grants Pass, OR; B.A. (University of Oregon); *Education: Theory and Practice*
- Zandra Leigh Ohri**, Zanesville; B.S.N.; *Education: Policy and Leadership*

Charles L. Ohnstedt, Columbus; B.S.M.E., M.S.; *Art Education*

Margaret Stewart Oxley, Columbus; B.A.; *Education: Theory and Practice*

Barbara Jean Peterson, Columbus; B.A. (Ohio University); M.S. (Xavier University); *Public Administration*

Deborah Williams Platt, Columbus; B.S. (University of California at Santa Barbara); *Psychology*

Violet Lynette Poole, Prentiss, MS; B.S. (Jackson State University); *Health, Physical Education and Recreation*

Roxanne Marie Price, Fremont; B.A.; *Psychology*

Matthew Scott Pugh, Mansfield; B.A. (Florida State University); *History*

Robert Edward Rabenecker, Jr., Louisville, KY; B.B.A. (Eastern Kentucky University); *Health, Physical Education and Recreation*

Lynn Annette Foshee Reed, Columbus; B.A. (University of Evansville); *Mathematics*

Dinu Michael Rehner, Columbus; B.S.; *Education: Policy and Leadership*

Amy Louise Reynolds, Youngstown; B.S. (Miami University); *Education: Policy and Leadership*

Donald Layne Rickard, Jamestown; B.A. (Cedarville College); *Education: Human Services*

Jeffery John Roberts, Calumet City, IL; B.A. (Cornell University); *History*

Courtenay Davis Robinson, Cleveland; B.A. (Rollins College); B.S.; *Education: Theory and Practice*

Pamela Jayne Salsbery, Columbus; B.S.N. (Case Western Reserve University); M.S.; *Philosophy*

Edmund Robert Saums II, Columbus; B.A. (Ohio Wesleyan University); *History*

Debra R. Porter Sawyer, Columbus; B.S. (Ohio University); *Education: Theory and Practice*

Carol Ann Schell, Marysville; B.S. (Urbana College); *Education: Theory and Practice*

Susan Ward Schmidt, Dayton; B.S.; *Education: Policy and Leadership*

Gregory John Schneider, St. Paul, MN; B.A. (St. Thomas College); *German*

Edward James Sheehan, Columbus; B.S. (Montclair State College); *Health, Physical Education and Recreation*

Kwang-Shik Shin, Seoul, Korea; B.A., M.A. (Yonsei University); *Economics*

Randall Kenneth Shively, Kettering; B.A. (Ohio Wesleyan University); *Psychology*

Stephen Michael Smith, Lincoln, NE; B.A. (University of Nebraska at Lincoln); *Classics*

Jean Ellen Staten, South Point; B.A. (Wheaton College); M.A. (Dallas Theological Seminary); *Linguistics*

Martin Richard Stern, Columbus; B.Ed. (University of Toledo); *Education: Theory and Practice*

Debra Ann Stögenbauer, McPherson, KS; B.F.A. (The University of Kansas); *Industrial Design*

Yongssoon Suk, Columbus; B.A. (Sogang University); *Business Administration*

Steven Kenneth Sunker, Columbus; B.S.Ed. (Ohio University); *Education: Human Services*

Elizabeth Wright Suskind, Newark; A.B. (Brady University); *Education: Theory and Practice*

Joan Elizabeth Taylor, Columbus; B.A.; *Education: Theory and Practice*

Leonard Justin Tomlin, Columbus; B.S. (University of Wyoming); *Public Administration*

Patricia Ann Tribble, Mount Gilead; B.S. (University of Akron); *Education: Theory and Practice*

Eileen Diane Ungar, Cleveland; B.A. (Alfred University); *Education: Human Services*

Eric Harris Vaas, Westerville; B.S.; *Education: Policy and Leadership*

Johnnie Walker, Columbus; B.A. (University of Michigan); *Psychology*

Gary Neil Wells, Columbus; B.A. (Baldwin-Wallace College); *History of Art*

Deborah Lynne Wills, Columbus; B.S.; *Psychology*

Lillian Mathilde W/bwell, Lima; B.S.; *Romance Languages and Literatures*

Carol Ellen Wood, Columbus; B.S.Ed.; *Education: Theory and Practice*

Robert Eric Worstell, Chagrin Falls; B.A.; *Education: Theory and Practice*

Tien-Tai Wu, Fensang, Taiwan, R.O.C.; B.A. (National Taiwan University); *Anthropology*

Cheryl A. Zinker, Manchester, CT; B.A. (University of Hartford); *Economics*

Master of Business Administration

Ma-Pilar Pobre Cusi, Columbus; B.A. (De La Salle University); *Business Administration*

Marie Ann Hales, Columbus; B.A.; *Business Administration*

Balaji Bondli Singh, Dublin; B.Tech. (Osmania University); M.S., Ph.D. (Texas A & M University); *Business Administration*

Master of City and Regional Planning

Te-Min Chang, Taipei, Taiwan, R.O.C.; B.E. (Feng-Chia University); *City and Regional Planning*

Wanda Brendette Coston, Wilmington, NC; B.A. (Fayetteville State University); *City and Regional Planning*

Mike Scott Dummermuth, New Philadelphia; B.A. (University of Dayton); *City and Regional Planning*

Thomas Joseph Korosel, Dayton; B.S.Arch.; *City and Regional Planning*

María Laura Krause-Macellari, La Plata, Buenos Aires, Argentina; Architect (National University of La Plata); *City and Regional Planning*

April May Zimmerman, North Tonawanda, NY; B.S. (State University of New York College at Buffalo); *City and Regional Planning*

Master of Fine Arts

Jeffrey Marc Burnett, Carmel, CA; B.A. (California State University at Chico); *Art*

Nicholas Woodard Craig, Granville; B.A. (Ohio Northern University); *Art*

Gustavo Ernesto González, Jacksonville, FL; B.F.A. (University of Florida); M.A. (George Washington University); *Art*

Linda Ellen Hoffhines, Dayton; *B.F.A.; Art*

Jack Ryan Nettles, Columbus; B.F.A. (The Pennsylvania State University); *Art*

James L. Piety II, Bloomington, IN; B.F.A. (Cleveland Institute of Art); *Art*

Dee Ann Smith, Collinsville, IL; B.A. (Southern Illinois University); *Art*

Master of Health Administration

Maryanne Mooney, Katy, TX; B.S.; *Hospital and Health Services Administration*

Master of Labor and Human Resources

Chigode Ekerema Anonyuo, Ithala, Anambra, Nigeria; B.A. (University of Nigeria at Nsukka); M.A., Diplôme Detudes Francaises (Université de Dakar); *Labor and Human Resources*

Patti Ann Gasperini, Worthington; B.A., B.A. (Quinnipiac College); *Labor and Human Resources*

Jennifer Chanok Park, Charlottesville, VA; B.A., B.A. (University of Virginia); *Labor and Human Resources*

Deborah Anne Perry, Ridgefield, CT; B.A. (University of Connecticut); *Labor and Human Resources*

Thomas W. Rice, Westerville; B.A., M.A.; *Labor and Human Resources*

Carol Lee Thomas, Columbus; B.A. (Ohio Dominican College); *Labor and Human Resources*

Master of Music

Paul M. Dunlap, Circleville; B.S. (University of Cincinnati); M.A.; *Music*

Terry Ray Everson, Columbus; B.M.; *Music*

Master of Public Administration

- Nozer Edul Kanga**, Navsari, Gujrat, India; B.A., B.Com., L.L.B. (Bombay University); *Public Administration*
- Rebecca Jane Speed**, Columbus; B.S.; *Public Administration*

Master of Science

- Carol A. Abbott**, Lancaster; B.S.M.E.; *Mechanical Engineering*
- James Richard Ackeret**, Columbus; B.S. (Lock Haven State College); *Geodetic Science and Surveying*
- Kwasi Aggrey-Aye**, Asuboi, Ghana; B.S. (University of Cape Coast); *Chemistry*
- Phoebe Allen-Toth, Powell**, B.A. (Idaho State University); *Home Economics: Human Nutrition and Food Management*
- Joseph A. Altobelli**, Bovey, MN; B.A. (St. Cloud State University); *Mathematics*
- Abdelmonem Mohamed Amin**, Cairo, Cairo, Egypt; B.S. (Cairo University); *Civil Engineering*
- Dale Allan Andreatta**, Uhrichsville; B.S.; *Mechanical Engineering*
- Steven Andrew Arndt**, Columbus; B.S.; *Nuclear Engineering*
- Jill Caren Arson**, Columbus; B.S. (American University); M.S.; *Computer and Information Science*
- David Charles Arters**, Cleveland; B.S. (University of Cincinnati); *Chemical Engineering*
- Jonathan Allan Bay**, Town & Country, MO; B.S. (Duke University); *Mechanical Engineering*
- Stephen Richard Beanblossom**, Greenville; B.S.; *Animal Science*
- Debra Ann Bell**, Wheeling, WV; B.S.N. (West Virginia University); *Nursing*
- Robert Wilson Berlin**, Mercer, PA; B.A. (Trinity of Texas); *Mathematics*
- Hemant S. Betrabet**, Bombay, Maharashtra, India; B.Tech. (Indian Institute of Technology at Kanpur); *Metallurgical Engineering*
- Kumar Krishna Bhatt**, Columbus; B.S. (University of Baroda); *Welding Engineering*
- John Eric Blefeld**, Dayton; B.A. (University of Dayton); *Bio-Medical Engineering*
- Everett Bishop**, Hi-Nella, NJ; B.S. (Agricultural University)
- Leonard Paul Blass**, Calumet City, IL; B.A. (Washington and Jefferson College); M.D. (University of Illinois); *Medical Microbiology and Immunology*
- Shirley Ann Block**, Columbus; B.S., R.N. (St. Vincent School of Nursing); *Anatomy*

Thomas Jay Bollinger, St. Paris; B.S.; *Agricultural Economics and Rural Sociology*

- Nicholas G. Bombolis**, Parma; B.S. (Heidelberg College); *Chemistry*
- Thomas Joseph Cammlert, Jr.**, Holyoke, MA; B.S. (University of Massachusetts); *Zoology*
- Richard Hugh Campbell**, Columbus; B.S. (Miami University); *Electrical Engineering*
- Carla Lou Carleton**, Columbus; B.S., D.V.M. (Kansas State University); *Veterinary Clinical Sciences*
- Neil Frederick Chamberlain**, Gosport, Hants, England; B.S. (King's College); *Electrical Engineering*
- Arun Chandra**, Kanpur, U.P., India; B.Tech. (Indian Institute of Technology at Kanpur); *Computer and Information Science*
- Jer-Yang Chang**, Taichung, Taiwan, R.O.C.; B.S. (Feng Chia University); *Civil Engineering*
- Jeffrey Bryan Chapman**, Gahanna; B.S.; *Horticulture*
- Erik Martin Cherry**, Columbus; B.S.; *Geology and Mineralogy*
- Anton Ching-Tung Chin**, Columbus; B.S.; *Mathematics*
- Antonio Ignatius Chirco**, Dayton; B.S.E.E.; *Electrical Engineering*
- Caren Carson Cobb**, Dublin; B.S. (Georgia Institute of Technology); *Computer and Information Science*
- Mark Owen Dailey**, Mt. Vernon; B.A. (Kenyon College); *Chemical Engineering*
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- Jayne Houston Davis**, Lancaster; B.S.N. (University of Akron); *Nursing*
- Bernhard Dietrich Deeg**, Columbus; B.A. (Ohio Dominican College); *Preventive Medicine*
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- Christopher Chukwumeka Okenyi**, Nsukka, Anambra, Nigeria; B.S. (University of Nigeria at Nsukka); *Agricultural Education*
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- Michael Jeffrey Readey**, Dublin; B.S.; *Ceramic Engineering*
- John Stewart Reid**, Columbus; B.S.; *Ceramic Engineering*
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- Jane Marie Schoewe**, Sandusky; B.S.; *Agricultural Education*
- James Gregory Schroth**, Traverse City, MI; B.S. (University of Michigan); *Metallurgical Engineering*
- Jane Irene Schulte**, North Canton; B.S.N. (Kent State University); *Nursing*
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- Maria Stojkov**, Columbus; B.S.; *Horticulture*
- Bonnie Adele Stupur**, Brooklyn, NY; B.S. (College of the Holy Cross); *Preventive Medicine*
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- Amos Tabibian**, Tehran, Iran; B.S.E.E.; *Electrical Engineering*
- Deborah Gharst Terry**, Columbus; B.S.N. (Duke University); *Nursing*
- Kevin Edward Tirpaci**, Campbell; B.E. (Youngstown State University); *Electrical Engineering*
- Joseph George Trausch**, Ledyard, CT; B.S. (Rensselaer Polytechnical Institute); *Bio-Medical Engineering*

Ywan-Lung Tsay, Taipei, Taiwan, R.O.C.; B.S. (Tsing Hua University); M.S. (Rensselaer Polytechnic Institute); *Welding Engineering*

Maan-Huang Tu, Taoyuan, Taiwan, R.O.C.; B.S. (National Chiao Tung University); *Electrical Engineering*

James Benedict Unites, Mentor; B.C.E. (Cleveland State University); M.C.R.P.; *Civil Engineering*

Emma Lou Van Tibburg, Columbus; B.S. (University of Toledo); *Agricultural Education*

Rafael Antonio Velloz, Charles Piet, Santo Domingo, Dominican; B.S. (University Autonoma de Santo Domingo); *Agronomy*

Sandeep Mukund Vijayakar, Bangalore, India; B.Tech. (Indian Institute of Technology at Bombay); *Mechanical Engineering*

Olegario Guerrero Villoria, Lipa City, Philippines; B.S. (University of the Philippines); *Civil Engineering*

William Ronald Wagner, Toledo; B.S.E.E. (University of Toledo); *Electrical Engineering*

Lorne Alan Weeter, Waverly; B.S.; *Welding Engineering*

Elizabeth S. Wellhausen, New Castle, PA; B.S. (Indiana University of Pennsylvania); *Home Economics: Textiles and Clothing*

Shou-Jen Wey, Tainan, Taiwan, R.O.C.; B.S. (Cheng Kung University); M.S. (Tsing Hua University); *Computer and Information Science*

Katherine E. Wilson, Columbus; B.S.N. (University of Wisconsin at Madison); *Nursing*

Kay Newton Wolf, Dublin; B.S.; *Home Economics: Human Nutrition and Food Management*

Amy Lap-Kwan Wong, Kowloon, Hong Kong; B.S.B.A.; *Computer and Information Science*

Stephanie Ann Wuebbens, Columbus; B.A. (Capital University); *Home Economics: Family Relations and Human Development*

Fell Lo Yang, Taipei, Taiwan, R.O.C.; B.S. (Fu Jen Catholic University); *Home Economics: Human Nutrition and Food Management*

Sui Hua Yuan, China; Diploma (Xian Jiaotong University); *Physics*

Master of Social Work

Andrea Bickley-Horvath, Sandusky; B.S.; *Social Work*

Wanda Brendette Coston, Wilmington, NC; B.A. (Fayetteville State University); *Social Work*

Maria das Dóres Melo Gomes, Sao Luis, Maranhao, Brazil; Diploma (Federal University of Maranhao); *Social Work*

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Chairman, Coordinating Council of Deans:
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College of the Arts
College of Biological Sciences
College of Humanities
College of Mathematical and Physical Sciences
College of Social and Behavioral Sciences

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Beverly A. Robertson, Columbus
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Bachelor of Fine Arts

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Elaine Buckholtz, Owego, NY
Samuel Mark Dudgeon, Columbus
Jock Eugene Fistick, Columbus
James Buchanan Golly, Columbus
Alan Leslie Hirtle, Columbus
Rebecca Beth Kane, Bay Village
Thomas R. Kreaeger, Columbus
Mary Elizabeth Macali, Niles
Timothy Carl Messerly, Lancaster
Scott Soltau Rodabaugh, Dayton
John Daniel Shultz, Apollo, PA

Bachelor of Music

Teresa Irene Ford, Gallipolis
Jerry Elwood Lowder, Jr., Columbus
Dianna Kay Rhyan, Columbus
Christine Shumway Strohl, Worthington

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Kelli L. Kurtz, Jackson, MI
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Cynthia Ann Snyder, Columbus
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Mark Allen Heydinger, New Washington
Michael Wayne Manser, Columbus
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Kathryn J. Saperstein, Newark
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Bachelor of Science in Audio Recording

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Thomas James Tait, Columbus

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Tammie Hunt-Garten, Fairborn
Thomas Nicholas Martino, Dayton
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College of Biological Sciences

Dean: William A. Jensen

Bachelor of Science

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John Anthony Bartholomew, Ravenna
Margaret S. Cangro, West Chester
Cindy Jee-Sing Chang, Columbus
Barbara L. Dawicke, Mechanicsburg
Angela Maria Evans, Sumter, SC
Zenon John Farian, Parma
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Lourdes Gonzalez, West New York, NJ
Bernard Harris, Youngstown
Julie Marie Huefner, Zanesville
Sandra Kay Kemmer, Marion
Eric Martin Kosier, Toledo
Taria Lynn Leippy, Cuyahoga Falls
Steven Theodor Lingnau, Galloway
Barry Thomas Lowen, Columbus
Barbara Mary Maciejewski, Parma
Susan Mary Mazzola, West New York, NJ
Jacqueline Ann Nanus, Parma
Richard Dale Potts II, Springfield
Jeffrey Charles Rogers, Cincinnati

Steven Edward Ross, Grove City
Iveta Sautins, Columbus
David Russell Schumick, Galena
Donald Charles Shingler, Bay City, MI
Joan Marie Vartiola, Garfield Heights
Frederick Seth Vicstein, Cleveland Heights
Robert Paul Wolfe, Beavercreek
Tracy Lee Yaeger, Cincinnati
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Bachelor of Arts

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Mark Charles Batcheck, Worthington
Jack Foster Beatty, Columbus
Debra Lyn Berry, Wilmington
Janice Anne Born, Madeira
Kathy M. Bosch, Kildeer, IL
Joseph Eric Cadora, Columbus
John Byers Connor, Logan
Patrick Anthony Day, Cleveland Heights
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Carl Douglas Giles, Columbus
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Helen Iic, Cleveland
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Keith Karl Kemper, Jr., Mansfield
Reyna Lizette Kline, South Euclid
Betty Leman Kole, Columbus
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Edward Joseph Villacres, Newark
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¹ Offered by the College of the Arts

² Offered by the College of the Arts and the College of Education

College of Mathematical and Physical Sciences

Dean: Colin B.B. Bull

Bachelor of Arts

Sang-Phill Ahn, Oak Park, MI
Leif B. Nennerfelt, Columbus
Carolyn Anne Reichert, Enon
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Bachelor of Science

John G. Bizios, Mount Vernon
Carl F. Camera, Lorain
Paula Marie Chinn, Jackson
Kenneth Douglas Gapsch, Akron
Novel Grant, Cleveland
Colin Michael Hartnett, Troy
Douglas John Kozusko, Lorain
Stephen Craig Mace, Beavercreek
Willard Paul Martin, Columbus
Joseph Leo McCormick, Honolulu, HI
Kevin James McVey, Columbus
Natalie Jeanne Milton, Fayette
Kathleen Ann Murphy, Port Clinton
Gary Morris Newman, Bethel-Tate
Viroj Padyandorn, Thailand
Sagj Pundak-Mintz, Shaker Heights
Irving David Ramirez, Huber Heights
Andrew Martin Schrider, Medina
Linda Wade Serim, Urbana
Jami Elaine Walters, Lima
Jalal Rafati Seyedli Yazdi, Mashhad, Iran

College of Social and Behavioral Sciences

Dean: Joan Huber

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Kenneth Tod Ansted, Columbus
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Christopher Matthew Burke, Ypsilanti, MI
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Kelly Jon Gray, Barnesville
Kevin Jo Gray, Barnesville
Mark James Hutzel, Cincinnati
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Catherine Marie Kelley, Cincinnati
Matthew Joseph Kinkley, St. Marys
Richard Alan Kline, Bucyrus
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Trel Shawn Lane, Westerville
Claire Ruth Lapidus, Beachwood
Joan Carol Lapworth, Newark
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Doyle Eliot Lewis, Canton
Eugene August Longo, Jr., Canal Winchester
Debra Susan Lowry, Columbus
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Ronald David Lukehart, Wickliffe
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John Brooks McCrory, Rochester, NY
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Renata Morando, Columbus
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Perry Nelson Funk, Youngstown
Cathy Sue Hoyt, Grove City
Suzanne Marie Keppler, Mansfield
Joel Eric Krisley, Marion
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Certificate of Study in East Asian Studies

Scott Randall Williams, Columbus

School of Journalism

Bachelor of Arts in Journalism

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Jill Maire Botenkamp, Niles
Gary Budzack, Westerville
Michael Scott Carpenter, Marysville
Judy Beth Chame, Dayton
Tod Howard Friedman, Bexley
Mary Lisa Gavin, Cincinnati
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Deatra Elise Huff, Gary, IN
 Barbara Ann Johnson, Westerville
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 Hugh Albert Masterson, Granville
 Daniel H. Minnich, Elyria
 Wilbur David Moore, Jr., Rayland
 Kathryn Louise Mueller, Beavercreek
 Gregory Hale Myers, Columbus
 Charles A. Palazzo, Sandusky
 Linda K. Randolph, Grove City
 Joanne Eileen Reger, Geneva
 William Brian Rogers, Akron
 Mimslym Kay Shuck, Galion
 Lisa Jane Starkey, Chillicothe
 John Stevens Sullivan, Madisonville, KY
 Veronika Anna Taylor, Gross-Umstadt, West
 Germany
 Nicholas Joseph Trenoff, Grove City
 Susan Elizabeth Walker, Cambridge
 John Thomas Wall, Columbus
 Nancy Arline Wilkens, Ravenna
 David Michael Yant, Canton

College of Administrative Science

Dean: H. Justin Davidson

Bachelor of Science in Business Administration

James Richard Albers, Worthington
 Lyle Eric Albert, St. Marys
 Maryam Ally Al-Ismaily, Sultanate of Oman
 James Wayne Allen, Norwalk
 Margaret Jane Altkhauser, Worthington
 Jay Scott Anderson, Columbus
 Timothy Scott Anderson, Meeker
 Scott David Andrews, Worthington
 Bryan Kent Amdt, Reedsburg, WI
 Thomas Edward Austin, Columbus
 Neil Gregory Avdiellas, Grove City
 Bruce Miri Baker, Jefferson
 Edwin Glenn Baker, Worthington
 Catherine Anne Bare, Columbus
 Curtis L. Barger, Mansfield
 Deborah Ruth Bartlett, Columbus
 Sandra Lynn Basford, Ashland
 David Clinton Bates, Columbus
 Brent William Bauer, Worthington
 Christina Marie Bauer, Groveport
 David Michael Baumann, Columbus
 Andrew Gallagher Bell, Columbus
 Jamie Emma Belot, Rayland
 Anthony Albert Benedetto, Columbus
 Diane Marie Beninato, Ashtabula
 Karen Lynette Blair, South Point
 George Andrew Bland, Columbus
 Mary Jean Blankemeier, Leipsic
 Ronald Keith Bohler, Louisville, KY
 Patricia Jean Bolin, North Ridgeville
 James Charles Bolzenius, Columbus
 James Michael Bonvissuto, Maple Heights
 Tammy Marie Brady, Mayfield Heights

Kelly Jo Brannon, Malta
 Ronald Broughton, Dayton
 Luke William Brown, Powell
 Lynne Ellen Brown, Reynoldsburg
 Melinda Kay Brown, Junction City
 Sherry Howard Buk, Worthington
 Lori Ann Burt, Columbus
 C. Joseph Bush, Jr., Cincinnati
 Michael Martin Byrnes, Spring, TX
 Sharon Rose Campbell, Columbus
 Brian Lee Canute, Akron
 Michael Anthony Cap, Columbus
 Daniel Robert Caruso, Rocky River
 Matthew Edward Castro, Coshocton
 David Gordon Charbonneau, Northfield
 Weng Hong Cheong, Kuala Lumpur, Malaysia
 Mark Steven Chickarella, Columbus
 William Scott Chrisman, Columbus
 David Thomas Clark, Wilmington
 Roger Dale Cloern, Rockford, IL
 Janet Corbacioglu, Rittman
 Gary Eugene Cox, Columbus
 Kevin Thomas Coyne, Akron
 Steven Paul Crandall, Thompson
 John Marshall Croy, Cuyahoga Falls
 Kevin Paul Cunningham, Worthington
 Mary Katherine Curtner, Columbus
 Paul David Dailey, Columbus
 Leesa Kay Davis, Marion
 Donna Jean Decker, Westerville
 Susan Elizabeth Deibel, Columbus
 Leland Keenan Delaney, Worthington
 Teresa Hope DeLong, Hilliard
 Gregory Thomas DiRosario, Columbus
 John Fitzgerald Donnelly, Millersport
 Nancy B. Donner, Columbus
 Michael Patrick Doran, Fairborn
 Lewis Kerry Dotson, Dayton
 Sondra Anderkin Doucher, Hilliard
 Daniel Paul Dougherty, West Chester, PA
 Karen Eileen Doyle, Youngstown
 Benjamin Lloyd Drake, New Albany
 Michael Patrick Duco, Steubenville
 Dana Jane Durborow, Westerville
 Frank Ross Ecklar, Englewood
 Laura Ruth Edwards, Columbus
 Regina B. Edwards, Ray
 Brian Curtis Erdman, Worthington
 Charles Wayne Evans, Louisville
 Nancy Jane Evans, Troy
 Tom B. Fallidas, Columbus
 Barbara Sue Fatzinger, Bloomville
 Mark Anthony Felton, Akron
 Alberto G. Fernández Mejias, Rio Piedras, PR
 Jeffrey Alexander Findley, Lorain
 Ketti Irene Finneran, Columbus
 James Duncan Fischley, Chagrin Falls
 Kevin Scott Fogal, Columbus
 Melanie A. Frank, Columbus
 Steven J. Funk, Upper Arlington
 Virginia Louise Gentry, Cleveland
 Teresa Jean Georg, Reynoldsburg
 Jeffrey Charles Gilbert, Dayton
 Edward Neil Girard, Westerville
 Scott Maynard Glor, Attica, NY
 James Christopher Goedde, Lima
 Cynthia Jane Golden, Columbus
 Melony Marie Greenwood, Bellaire
 Ronald Joseph Greznak, Kirkland

Joseph Charles Grimm, Cincinnati
 Dirk Colin Grizzle, Marengo
 Louis Judson Groza, Berea
 Linda Kaye Grubb, Columbus
 Gabriela Maria Guerra, Toledo
 Jeffrey Gavin Gunter, Medina
 David Lewis Hall, North Canton
 Linda Kay Halsey, Findlay
 Laura Jane Hamm, Chillicothe
 Scott Michael Hansley, Worthington
 Linda Kay Hartley, Amanda
 Ronald Clayton Hauck, Medina
 David Lincoln Hauser, Columbus
 Lisa Lidia Hazners, Cleveland
 Bonnie Susan Heidtman,sylvania
 Russel Alexis Heil, Cincinnati
 Sally Jo Heil, Kenton
 Brian Eric Hendershot, Chillicothe
 William B. Herbert, Jr., Columbus
 Enid Isabel Herrera de Villazana,
 Barcelona, Venezuela
 Susan Kathryn Hilberg, Worthington
 Warren Elbert Hogue, Gahanna
 Phillip Michael Howe, Worthington
 Kurtis Wilhelm Howerton, Mansfield
 Paul Alan Huckleberry, Columbus
 Kenneth Stark Hughes, Ironton
 Terrence William Hunady, Lorain
 Pamela Ann Hurd, Columbus
 William Michael Hutras, Dover
 David Joseph Irwin, Columbus
 Michael Alan Israel, Beachwood
 Robert Scott Jacobs, Sandusky
 Barbara Lou Jarosick, North Royalton
 Michael Jay Jaynes, Worthington
 Dennis Paul Jesse, Marion
 Mee Kyung Jinn, Stow
 Debra Kay Johnson, Columbus
 Stephen Lee Johnson, Worthington
 Debbie Lynn Jones, Wintersville
 Donna Jones, Columbus
 Timothy Ray Kasler, Piqua
 Krista Susan Keighley, New Carlisle
 Kevin Thomas Kelly, Wadsworth
 Thomas Lee Kessler, New Washington
 John Michael Keyes, Cleveland
 Matthew David Klug, Kettering
 Christopher Donald Kopf, Libertyville, IL
 Lorianne Kotala, Hendersonville, NC
 Susan Ann Kovach, Amherst
 John Robert Kowalski, New Albany
 J. McLain Kramer, Martins Ferry
 Karl Richard Kramer, Stow
 Jeffrey Paul Kuechler, Columbus
 Ann Marie M. Kurcsak, Independence
 Mark Dwayne Lambert, Grove City
 Thomas H. Lange, Mansfield
 Carol Jane Lannan, Columbus
 Karen Renée Larkin, Columbus
 Martha Anne LaRue, Steubenville
 Rebecca Katherine Lauber, Columbus
 Kenneth Eugene Layden, Jr., Cleveland
 Evelyn F. Lee, Dalton
 Theodore W. Lewis, Columbus
 Christopher Allen Lilley, South Euclid
 Howard Joseph Lipschitz, Cleveland
 Scott Andrew Liston, Columbus
 Cheryl Lynn Livingston, Broadview Heights

William Thomas Lockwood, Huntsville
 Michael Lynn Loewendick, Newark
 Whitney Todd Logan, North Canton
 Susan Laraine Loper, Reynoldsburg
 Glenn Allen Lovef, Newark
 Deborah Diane Lowe, Cleveland
 Janny Mann-Jing Lu, Taipei, Taiwan, R.O.C.
 Scott Alan Lucas, Newark
 Gregory James Machovina, Elyria
 Elen Marie Mackin, Columbus
 Daniel Francis MacLeod, Capron, IL
 William Charles Market, Put-In-Bay
 David Hartley Marque, Lancaster
 Steven David Marshall, Columbus
 David Douglas Martin, Columbus
 Kelley Denise Martin, Columbus
 Lindy F. Martz, Vermilion
 Jean Anne McCabe, Dublin
 Michael Vincent McCabe, South Point
 Linda Arzella McCarthy, Johnstown
 Michelle Lynne Menze, Ostrander
 Bradd Lee Michael, Lebanon
 Rickey Dale Millem, Columbus
 Mark Scott Miller, Delphos
 Gary Lawrence Milner, Delaware
 Joseph Robert Molica, Mansfield
 Mauria Louise Moore, Westerville
 Carlos Moreno-Caamano, Pataskala
 Alan Arthur Mousing, Toledo
 Lisa Lynn Moulton, Columbus
 Steven J. Moyer, Zanesville
 Jeffery Thomas Murakami, Columbus
 Mark Alan Murphy, Lorain
 Anita Marie Magdalena Murray, Mansfield
 Christopher G. Neary, Marietta
 Valerie June Neff, Columbus
 Kevin Todd Newell, Oneida, TN
 Greg Edwin Newman, Eaton
 Stephen James Niemeyer, Cincinnati
 Christopher Paul Novish, Richmond Heights
 Anthony William Nowicki, Elma, NY
 Mary Margaret Oberfield, Newark
 Richard Kevin O'Grady, Columbus
 Joseph Arthur Oktavec, Mechanicsburg, PA
 Melissa Lee O'Morrow-Smith, Reynoldsburg
 John Joseph O'Reilly, Westerville
 James John Organ, Dublin
 Anthony Raymond Orozco, Lyndhurst
 Gregory Michael Orr, Toledo
 Sheree Olive Owens, Toledo
 Dwight David Patrick, New Philadelphia
 Peter Petrou, Mansfield
 Joseph Dwight Phelps, Cincinnati
 Robert Dale Phillips, Tallmadge
 Susan Mary Pizaris, Columbus
 Janean Renee Pollen, Thornville
 Andrew William Porter, Heath
 Gerald Edward Porter, Columbus
 Karen Jane Presley, Westerville
 Thomas Anthony Price, Williamsville, NY
 Beth Ann Pusecker, Dublin
 William Joseph Rapp, Gahanna
 Renee Leigh Rasmussen, Columbus
 Anthony Allen Reed, Hillsboro
 Mark Regenbogen, North Manchester, IN
 Donald Joseph Richardson, Whitehall
 Audrey Kay Roberts, Westerville
 Karl Fredrick Robison, Columbus
 Duane N. Rosborough, Galion

Michael Stuart Ross, Delaware
 Janet Lynn Rowley, Springfield
 Veronique P. Roynier, Rio de Janeiro, Brazil
 Robert Steven Ruslander, Williamsville, NY
 Bryan Daniel Sachs, Columbus
 Stephen Michael Sage, Slouss Falls, SD
 Gary Allen Savinsky, Marion
 Donald James Schilling, Lakewood
 William Jan Schipper, Cincinnati
 Edward Michael Scott, Columbus
 Anita Scurci, Mansfield
 Karen Ilene Sellinger, Trumbull, CT
 Cinda Lee Sensei, Kettering
 Kimberly Ann Senseman, Tipp City
 Kathleen Marie Serek, Westerville
 David Christopher Sewalk, Coshocton
 Sze-Ming Shang, Hong Kong
 J. Paul Sheridan III, Centerville
 David John Sherwood, Centerville
 James Andrew Shough, Columbus
 Richard Alan Slesman, Edgerton
 Karen Marie Smlanich, Rocky River
 Julie Marie Smith, Mansfield
 Paul Albert Smith, Cincinnati
 Jerry Douglas Snyder, Mansfield
 James Richard Spain, Columbus
 Lynn Ann Stange, Napoleon
 Martin Dean Steenrod, Columbus
 Michael Thomas Stevens, Columbus
 Troy Eugene Strohm, Mansfield
 James Paul Stroth, Columbus
 Jennifer Ann Stumpf, Sunbury
 Scott Douglas Sutherland, Midland, MI
 Maureen Senana Sweeney, Kettering
 Kar Chin Tan, Triang Pahang, Malaysia
 James Robert Tarr, Chagrin Falls
 Laura Ann Thomas, Brecksville
 Douglas Lee Todd, Coshocton
 Douglas Francis Tolkin, New York, NY
 JoAnne Elizabeth Troolin, Mansfield
 Michael Scott Turoff, South Euclid
 Jeffrey Charles Vagnier, Columbus
 Germaine Bernadette Valentine, Youngstown
 Jacqueline Ann Venning, Chagrin Falls
 Bruce Eric Whitacre, Canal Winchester
 Laura Lynn Wagner, Canal Fulton
 Heidi Maria Wahl, Tiffin
 Dennis Jon Walker, Mentor
 William Daniel Waltz, Wapakoneta
 Michael Iven Watson, Newark
 Kevin Alan Watts, Columbus
 Thomas Lee Weaver, Cincinnati
 Carl Edward Weersing, New Albany
 Tara Ellen Weithman, Genoa
 James M. Whalen, Centerville
 Bruce Eric Whitacre, Columbus
 John Charles Wiley, Warren
 Dale Patrick Wirick, Sunbury
 Mark Steven Wissinger, Cleveland
 Anna Katrina Wolff, Crestline
 Joseph Fickling Wood III, Cincinnati
 Karen Denise Woodrum, Marion
 Charlotte Regina Woody, Columbus
 David Joseph Woprice, Cincinnati
 Richard Allen Yarborough, Clinton
 Nancy Kunsuk Yun, Seoul, Korea
 Woo-hyun Yun, Columbus
 William Gary Zando, Cincinnati
 Christopher Steven Zane, Upper Arlington

Roger Michael Zavadny, Rocky River
 Ronald Alan Zelgison, Beachwood

Bachelor of Science in Labor and Human Resources

William J. Finissi II, Columbus
 Rena Eunice Martin, Marion
 Darian Kevin Rich, Columbus
 Jennifer Ellen Schorr, South Euclid
 Kian Fah Soong, Singapore

College of Agriculture

Dean: Max Lennon

Bachelor of Science in Agriculture

John Charles Abel, Oxford
 Michael Aloysius Arnold, Columbus
 Michael John Bailey, Owensville
 Barbara Bloetscher, Cuyahoga Falls
 David Allen Bradfield, Polk
 Kim Marie Brand, Columbus
 Cheryl Ann Brechbühler, Columbus
 Tamera Rasor Brown, London
 Scott David Chaffin, Rising Sun
 Alan Lee Christian, Conroy
 William Albert Converse, Marysville
 Brian Wayne Cory, Xenia
 James Daniel Cox, Caldwell
 Tyler James Crall, Mansfield
 Kenneth Alan DeWeese, Pigua
 Brenda Jean Frees, Cobleskill, NY
 Peter Owunka Ebegebodi, Worthington
 John Loring Eryant, Warren
 Mark Daniel Eryant, Lebanon
 Laura Sue Erickson, Beavercreek
 Peter Paul Galanic II, Lorain
 Jody Theresa Gabric, Alliance
 Robert Ann Gill, Reynoldsburg
 Daniel Alan Giltman, Columbus
 Elizabeth Ann Guental, Whitehall
 Christopher S. Hale, Galena
 John Allen Hale, Galena
 James Richard Harris, Mt. Cory
 Timothy Wayne Israel, Westerville
 Christopher Michael Kauth, Clayton
 Ralph Joseph Kepple, Mt. Vernon
 Keith Eugene Klaus, Columbus
 Donald Joseph Klausning, Delphos
 Donald Victor Knore, Sciotoville
 Steven Loy Laughlin, New Philadelphia
 Stanley Earl Lessig, Dundee
 Peter Alan Lucas, Tampa, FL
 Joseph Theodore Lukens, Cincinnati
 Katherine Lynne Michael, West Mansfield
 Robert Michael Miramor, Highland Hts.
 Sheryl Lynn Palmer, Bellaire
 Todd Handley Pocher, Shelby
 Edwin Michael Podolski, Columbus
 Joseph William Potter, Worthington
 Craig Gordon Powell, Worthington
 Susan Jane Poynter, Cincinnati

Lode Saliba Raffoul, Sao Paulo, Brazil
Marsha Lynn Richey, East Palestine
John William Ruryan, Mechanicsburg
Julia Ellen Russell, Circleville
Tamara Lee Sauter, Haymarket, VA
Lisa Ann Schmidt, Waynesville
Marjorie Joy Sligh, Holland, MI
Penne Lynn Smith, Gallon
Kim Suzanne Stegh, Euclid
Susan Diane Steritz, Lynchburg
Annette Gay Stilpec, Findlay
Stephen Albert Straszheim, Eaton
Douglas Roy Sutton, Irondale
Jonathan Nelson Tinker, Alliance
James Bradford Tugend, Jeromesville
Brian Don VanWinkle, St. Louisville
Monika Lorraine Weisser, Columbus
Ricky Alan White, Radnor
Jason Allen Williams, Sciotoville
Darwin Lee Wilson, Fredericktown
Scott Eugene Wright, Glenford
George David Yocum, Dayton

Bachelor of Science in Food Science

Michele Anne Darrall, Fairview Park
Tung-Wei Lu, Taiwan
Douglas Edward Stanton, Westerville

Bachelor of Science in Food Technology

Nancy Coleen Beas, Centerville
Janet Louise Hills, Delaware
André Wills, Cleveland Heights

School of Natural Resources

Bachelor of Science in Natural Resources

Joseph Alan Bishop, North Canton
John Joseph Bodner, Warren
Barbara Blanche Bresson, Independence
Scott Elam Bruegger, Avon Lake
David William Cain, Franklin
Christopher P. Carlson, Cincinnati
Craig Steven Furlong, Mansfield
Jerald Michael Gerber, Columbus
Thomas Joseph Hebert, Columbus
Lenore Christine Heppler, Fairview Park
Rhonda Lee Hockenberry, Marietta
John N. Hurst, Wauseon
Michael Raymond Janiro, Chardon
Mary Klemas, Sharonville
Beth Ann Laufer, Euclid
David Earl Lutz, Shelby
Paul Gordon Matheson, Wooster
Jeffrey R. Mercy, Mt. Vernon
Keith Douglas Myers, St. Clairsville
Todd Temple Parfitt, Brunswick
Jonathan Benjamin Posner, Columbus
Joseph Anthony Reale, Schenectady, NY
Russell Curt Romme, Lexington
Keri Lee Varrato, Lisle, IL
Derreck Allen Wagner, Centerville

Gina Louise Warner, Columbus
Tara Lynn Wintermeyer, Cincinnati
James Martin Young, Worthington

Agricultural Technical Institute- Wooster

Associate in Applied Science

Cathleen Marie Bauer, New London
David Edward Bender, Wellington
Annemarie Beyer, Wickliffe
Christopher J. Brown, Shelby
Douglas John Cohara, Independence
Stephen Edward Ebel, Bedford Hts.
Robert Anthony Foster, Wooster
Heather Ann Gleich, Grove City
John Paul Hanes, Union City
Holly Ann Hayes, Rootstown
Joan Marie Herr, Metamora
James William Herron, Sullivan
Mark Fitzgerald Jordan, Nova
Jill Marie Karner, Valley City
Jamie Fredrick Kelley, Ottawa
Scott Allen Kurlman, Cincinnati
Alan Wayne Lindsey, Massillon
Alan William Maess, West Milton
Scotty Joseph Morrison, Elyria
Randolph Scott Rueter, Wadsworth
Dawn René Skala, Chagrin Falls
Shary Sue Stamer, Millersburg
Norman Vincent Stephan, North Lawrence
Maria Ann Weiner, North Canton
Martin Andrew Young, Berlin Center

College of Dentistry

Dean: William R. Wallace

Doctor of Dental Surgery

William Alexander Hammond, Yellow Springs

Certificate of Graduate Dental Hygienist

Jill Lea Johnson, Columbus
Suzanne Marie Keppler, Mansfield
Joan Carol Lapworth, Newark
Teresa Tavella, Columbus

College of Education

Dean: Donald P. Anderson

Bachelor of Science in Education

Bala Abdullahi, Bauchi, Nigeria
Hashimu Abdullahi, Bauchi, Nigeria
Usman Babayo Ahmed, Bauchi, Nigeria
Mark Alan Alberini, Warren

Ahmed Aminu, Bauchi, Nigeria
Robin Lynn Arnold, Gallon
Bappale Gwani Azare, Bauchi, Nigeria
Lori Lynette Baker, Columbus
Laura Gail Bergman, Westerville
William A. Bildstein, Cleveland
Brian Dale Blodgett, Fremont
Paula Swendal Boeshart, Danville
Irene Louise Borin, Mansfield
Jane Ann Brandt, Columbus
James Robin Brehm, Westerville
Veneeta Kay Brewster, Cincinnati
Mark Alan Brown, Reynoldsburg
Michelle Marie Cajka, Fairview Park
Linda M. Callen, Columbus
Nick James Caraccio, Columbus
Edward James Cicale, Jr., Columbus
James Alfred Clarke, Columbus
Tammy Lynn Clowson, Columbus
Sandra Davis Connors, Columbus
Sarah Elizabeth Conroy, Columbus
Mark Stephen Conventine, Columbus
Julie Ann Day, Shelby
Danmalam Yakubu Dogo, Bauchi, Nigeria
Michael James Donham, Worthington
Jeffrey Allen Dorsey, Kenton
Kathleen Susan Egan, Reynoldsburg
Karen Sue Ewalt, Fredericktown
Kim Cleo Fant, Fostoria
Maria Kay Foltz, Canton
James David Gadd, Lima
Michelle Gerson, Shaker Hts.
Carol Lanese Godbold, Cleveland
Howard B. Graves, Columbus
Claire Angela Groneman, Cincinnati
Gayle Ann Haase, Madison
Linda Mary Haines, Warsaw
Umaru Ande Hardawa, Bauchi, Nigeria
Deborah Lynne Harris, Lancaster
Susan Louise Helms, Centerville
Debra Lee Henwood, Fredericktown
Jill Carver Herbst, Mansfield
Mary J. Hiebel, Pickerington
Ernest H. Higginbotham, Hilliard
Melinda Sue Hogue, Croton
Bruce Wayne Howard, Columbus
Rhonda Raye Hughes, Lima
Robin Lisa Hughes, Kenton
Cynthia S. Huhn, Pataskala
Dorene Elizabeth Jenks, Columbus
Mary Teresa Johnson, Powell
Goroh Ahmadiu Joni, Bauchi, Nigeria
Kelly Anne Kelland, London, Ontario, Canada
Jennifer Lou Kenyon, Urbana
J. Peter Kenyon, Columbus
Sally Ann Kidd, Massillon
Laurel Ann Kleingartner, Columbus
Johnna Sue Kolmer, Columbus
Lydia Ann Kozlich, Lorain
Terri Lynn Laux, Washington, MI
Ralph Arthur Levinson, Steubenville
Margaret Mary Lynch-Littelman, Columbus
Lorraine Carol Macdin, Columbus
Yankai Fate Maigan, Bauchi, Nigeria
Ahmed Zailani Maina, Bauchi, Nigeria
Usman Mohammed Maunguwa, Bauchi, Nigeria
Jonathan Nababa Malwayo, Bauchi, Nigeria
Suzanne Helen McReynolds, Mansfield
Curtis Lee McVicker, Mansfield

Rebecca Ann Meadows, Utica
 Michele Eileen Miller, Mansfield
 Eileen Marie Walker Moats, Akron
 Dwight K. Montgomery, Columbus
 Kathleen Elizabeth Moore, Newark
 Patricia Maureen Moore, Westerville
 Maureen Murphy, Columbus
 Tyrone Robert Myers, Wauseon
 Jeff Call Nelson, Columbus
 Kenneth Leroy Nichols, Jr., Worthington
 Mark Charles Norton, Shaker Hts.
 Steven James Orchard, Danville
 Mary Ann Poff, Columbus
 Eric Steven Randolph, Columbus
 Andrea Kay Hannan Ravelli, Toledo
 George Lewis Ravelli, Beloit
 Linda Kay Roesch, Sandusky
 Patrick J. Ross, Eastlake
 Yahzuza Dembo Šambo, Bauchi, Nigeria
 Wabida Kumo Samurat, Bauchi, Nigeria
 Sally Louise Sanders, Columbus
 Leslie Ann Sawicki, Toledo
 Jodi Patterson Schraedly, Lexington
 Theresa Dean Shaffer, Columbus
 Melanie Meese Sims, Columbus
 David Joseph Stine, Shelby
 Janis Diane Stormont, Columbus
 Kimberly Sue Taylor, Plain City
 Annette Terry, Columbus
 Diane Powers Titus, Lexington
 AbduLahi Usman, Bauchi, Nigeria
 Chris Alan Wagner, Columbus
 Teresa Louise Weixel, Columbus
 Cynthia Anne Wertz, Mt. Blanchard
 Paul Jones Whitehouse, Columbus
 Peter W. Wood, Columbus
 Joan Elizabeth Wyman, Glastonbury, CT
 Joshua Mele Zangami, Bauchi, Nigeria
 Mary Katherine Ziccardi, Massillon
 Taimako Maigida Zull, Bauchi, Nigeria

**Bachelor of Art Education and
 Bachelor of Music Education**
 degrees are offered jointly by the
 College of the Arts and
 College of Education.
 Candidates are listed under
 College of the Arts.

College of Engineering

Dean: Donald D. Glower

Bachelor of Science in Aeronautical and Astronautical Engineering

Andrew Lewis Butts, Loudonville
 Kenneth Masashi Hayataka, Wickliffe
 Abdollah Khodadoust, Tehran, Iran
 Robert Frank Kramer, Cincinnati
 Jeffrey Joseph Miller, Mansfield
 Thomas Kevin O'Connor, Xenia
 Jeffrey Paul Schimler, Cincinnati
 Samuel Steven Schlueter, Akron

Bachelor of Science in Agricultural Engineering

Thomas Allen Bainbridge, Cincinnati
 Dino Joseph Clabattoni, Cortland
 Stephen Richard Kataro, Salem
 Donald Lee Noah, Smithville
 Thomas William Oebker, Avon
 Duane T. Riethman, Minster
 Eric Minshall Shaver, Middlefield
 Eric Allen Thornton, Midland
 David Lee Widrig, Mt. Vernon

Bachelor of Science in Aviation

Mark Andrew Beber, Westlake
 John William Fox, Willoughby
 Robert David Lierenthal, Cambridge
 April Ann Nervig, Berea
 David Martin Ostrom, Lakewood
 James Nelson Razor, Grove City

Bachelor of Science in Ceramic Engineering

David Alan DeWitt, Lyndhurst

Bachelor of Science in Chemical Engineering

Steven James Baker, Rochester, NY
 Mark Stephen Bitto, Seven Hills
 Teresa Lynn Datz, Amnín
 Antonio Mario DiSante, Columbus
 Stephen Paul Hayden, Cuyahoga Falls
 Daniel Robert Hertzler, Bay Village
 Joseph Lee Herzog, Kettering
 Keith Michael Hogan, Kirtland
 William Edgar Hounshell, Mansfield
 Christopher Joseph Olczko, Independence
 Marvin Edward Schott, Xenia
 Alek Torro Sittam, Columbus
 Paul B. Super, Strongsville
 Michael Jon Wadzinski, Port Clinton

Bachelor of Science in Civil Engineering

Albert Ray Alley, Bradenton, FL
 Gregory Paul Beers, Dayton
 Darwin James Chivers, Matawan, NJ
 James Eldon Conkel, Jr., Minford
 Casey Craig Crahan, Gnadenhutten
 Ooi Beng Huat, Alor Star, Malaysia
 Kenneth Scott Jackson, Worthington
 Hisham Amin Jawa, Jiddah, Saudi Arabia
 Mark Carey Justice, Newark
 Dharm Pal Singh Kartar Singh, Tapah, Perak,
 Malaysia
 Kevin Michael Kellogg, Baltimore
 Robert Patrick Kelly, Rocky River
 Timothy George Koernig, Lima
 Bruce Edward Morgenstern, Sunbury
 Patrick Edwin Murphy, Westlake
 Siang Ka Ng, Batu Pahat, Malaysia
 Anthony John Paglia, Highland Hts.
 Ali Salim Ramadan, Blat, Lebanon
 Alaa Abdullah Said, Riyadh, Saudi Arabia

Barry Dean Stein, Peachtree City, GA
 Kin Chong Tan, Sarawak, Malaysia
 Shang Chong Thing, Sitiawan, Perak, Malaysia
 Ghoiamreza Zandi, Tehran, Iran

Bachelor of Science in Computer and Information Science

Lora Jean Carver, Lucasville
 Yun-Seng Chao, Cincinnati
 Colin Patrick Collins, Cincinnati
 Henry James Felkey, Dover
 Theodore Walter Gawron, Greenwich
 Martin Anthony Granger, Marion
 Marwan A. Hanna, Beirut, Lebanon
 Brian Emery Hicks, Findlay
 David John Huzira, Struthers
 David Lemuel Jones, Kettering
 Dean Allen Kaumeyer, Lancaster
 Randy Allen Klamfoth, Johnstown
 Eugene Mark Liberman, Columbus
 Christopher John McKnight, Columbus
 Jeffrey Loren McMullen, Toronto
 Jeffrey Lee Miller, St. Marys
 William G. Nash, Kent
 Mark Richard Poulson, Worthington
 Jeffrey William Roche, Barrington, RI
 John Marville Rose, Claridon
 Timothy Allen Scott, Lima
 John Patrick Scully, Mountain Lakes, NJ
 Michael Pete Sojace, Hebron
 Anthony Robert Stevens, Wiesbaden, W. Germany
 Kevin Francis Tedrow, Groveport
 Jeffrey Lee Warner, Galion

Electrical Engineer

Roger David Barker, Christianburg
 Michael Robert Savage, Columbus
 Orlando Vallone, Jr., Sao Paulo, Brazil

Bachelor of Science in Electrical Engineering

Ronald Joseph Angelo, Youngstown
 Tom Alan Belvo, Miamisburg
 Michael Howard Brace, Ashtabula
 Shu-Keung Chau, Columbus
 James Edward Combs, Miamisburg
 Hartono Darmawaskita, Malang, Indonesia
 Todd William Dedow, Warren
 Faramarz Ebrahimiyan, Tehran, Iran
 Jay Arlen Endsley, Canal Winchester
 Mark Lee Finnegan, Brunswick
 Steven John Fry, Columbus
 Shahid Jamal Haque, Karachi, Pakistan
 David Jonathan Hogue, Oxford
 Robert Douglas Horn, Colorado Springs, CO
 Marissa Hrkalovich, Brunswick
 R. Mark Judy, Richmond
 Loay David Khalaf, Amman, Jordan
 Michael Joseph Kramer, Norwalk
 John Cameron Lindberg, Cincinnati
 Tat Chin Loe, Medan, North Sumatra
 William John Love, Cincinnati
 Thomas Brian Mathias, Columbus

Barry Douglas McBride, Norton
 Kevin Joseph McCarthy, Fairview Park
 Joseph William McNamee, Portland, OR
 Christopher Michael Melvin, Springfield
 Barbara Elaine Mills, Columbus
 Carol Lee Morehart, Baltimore
 Steven Eric Neeley, Lebanon
 Sue J. Nord, Ferdinand, IN
 Mark Edwin Novak, Columbus
 Hoo Dennis Ong, Hong Kong
 Anthony Louis Papay, Amherst
 Robert Alan Plant, Carroll
 Thomas Robert Radebaugh, Elyria
 Paul Evan Reed, Columbus
 William Raymond Ruck II, Lancaster
 Charles Wolfgang Samuel, Fairfax, VA
 Bradley Thomas Sanders, Defiance
 Thomas Michael Sanders, Columbus
 Peter William Selent, Eastlake
 Rickie Lee Siekmann, Lebanon
 Craig Otten Smith, Columbus
 Christopher Eugene Stewart, Athens
 Stephen Alan Stoops, Columbus
 Michael Stuart Swartz, Westerville
 Mark Douglas Tadder, Ontario
 Kong Fu Tan, Batu Pahat, Johor, Malaysia
 William Boyd Taylor, Columbus
 Mark Anthony Tiede, Blissfield, MI
 Richard Victor Tranfield, Gill, MA
 Anh Hoang Trang, Columbus
 James Frederick Valentine, Cincinnati
 David Whitney Wangler, Tiffin
 Kirk Alan Weigand, Ashtabuda
 Ho-Cheung Wong, Hong Kong
 Mark Lesley Yee, North Olmsted
 Bruce Anthony Youngpeter, Delphos
 Douglas J. Zimpfer, Findlay

Bachelor of Science in Engineering Physics

Kolita Kosala Mendis, Kandy, Sri-Lanka
 Sondra Ann Pippin, Worthington
 Steve R. Zimmerman, Worthington

Bachelor of Science in Industrial and Systems Engineering

Charles Joachim Bartlett, Worthington
 Scott Brian Birnbaum, Lyndhurst
 David Charles Brokovich, Middletown
 Keith Allen Darling, Columbus
 Margaret Jean Duling, Ottawa
 Lawrence Charles Emetling, S. Euclid
 Marianni Frascello, Barberton
 Philip Warren Godden, Wyoming
 Debra Ann Greenwood, Bellaire
 Teresa Rose Pennington Hagans, Dayton
 Stephen V. Hall, Avon Lake
 Johnny Ray Hoylman, Jr., Chillicothe
 Joan Elizabeth Kelly, Cincinnati
 David Allen Kilcher, Parsippany, NJ
 Daniel Brian Knapper, Madeira
 John David Meeker, Worthington
 Paul Edward Van Horn, Highland Hts.
 Mireya Margarita Zavala de Mace, Caracas, Venezuela

Bachelor of Science in Mechanical Engineering

Khalid Ismail Azzam, Ajlsh, Palestine
 Michael Jay Buckley, Edinboro, PA
 Kevin Eric Castanien, Bay Village
 Kenneth Leroy Goodson, Xenia
 Gary Charles Grottenhaler, Mentor
 Benjamin Wayne Haserodt, Novelty
 Gregory Jackson Hiehle, Lima
 Michael Robert Johnson, Deer Park
 Matthew B. Kozinski, Canton
 Thomas Lane Lease, Worthington
 Peter James Lieser, Bolivar
 Aref Maalej, Sfax, Tunisia
 Jeffrey Daniel Mogg, Swanton
 Wasim Mohammad, Karachi, Pakistan
 Mary Lynn Puckett, Newark
 Kevin Scott Sinibaldi, Brookfield, CT
 Tim J. Wehner, Oak Harbor

Bachelor of Science in Metallurgical Engineering

Michael James Benton, Delaware
 Colleen Beth Cappadona, Lewisville

Bachelor of Science in Mining Engineering

Kevin Martin Mills, Columbus

Bachelor of Science in Surveying

Casey Craig Crahan, Gnadenhuetten
 David Lee Pearson, Akron

Bachelor of Science in Welding Engineering

Richard James Eichner, Akron
 Randall Lee Frost, Worthington
 Ronald James Morrison, Middletown

School of Architecture

Bachelor of Science in Architecture

Michael Alan Boryca, Piqua
 James Mark Darby, Cambridge
 John Patrick O'Donnell, Hamilton
 Lawrence John Rancour, Xenia
 Scot Alan Rossi, Toledo
 Basil St. George Thomas, Hartford, CT

Bachelor of Science in Landscape Architecture

Sarah Janene Boggs, Reynoldsburg
 Gabriel Arsay Gumuscian, Lakewood
 Gregory Scott Hall, Gahanna
 John Timothy Hill, Columbus
 John David Misonish, Stratton

Christopher G. Wenning, Cincinnati

College of Home Economics

Dean: Lena Bailey

Bachelor of Science in Home Economics

Nanci Dee Abood, Canton
 Deborah Sue Allison, Colorado Springs, CO
 Mary Jane Bock, Solon
 Janine Kay Carter, Columbus
 Lisa Abbie Cashen, Xenia
 Sharon Yoninah Cohen, Cincinnati
 Capitola C. Colwell, Columbus
 Chantal Marie Cronley, Columbus
 Jeffrey Lee Cullers, Celina
 Jay Dettorre, Lorain
 Susan Marie Dodson, Lakewood
 Julie Lyn Friday, Cincinnati
 Gerinda Gatta, Niles
 Gay Lynne Gibson, Potomac, MD
 Anita Beth Gordon, Dayton
 Deborah Hatfield Gore, Columbus
 Mariann Lynne Halasz, Elyria
 Joyce Ariene Hecht, Columbus
 Mary Suzanne Hetterscheldt, Columbus
 Colleen Marie Jelsch, Medina
 Bobbi Lynn Jindra, Ontario
 Jill Ann Johnson, Cincinnati
 Rochelle Ann Kelley, Springfield
 Barbara Jean McClements, Columbus
 Elisabeth Sue Miller, Canton
 Leslie Anne Nance, Westerville
 Timothy Michael Olson, Columbus
 Norma Jean Reichert, Columbus
 Tina Annette Rohr, Morrow
 Amy Renee Schaal, St. Clairsville
 Gloria M. Schuman Penland, NC
 Dorene Elizabeth Soder, Westerville
 Stephanie S. Stephenson, Columbus
 Brenda Joy Teplitsky, Gahanna
 Marisa Christina Varasso, Newark
 Cyrrhila Kay Wagner, Mt. Victory
 Teresa Wallingford, Chillicothe
 Kay Ann Williams, Mansfield
 Scott Randal Williams, Columbus

Bachelor of Science in Restaurant Management

Larry John Gerold, Jr., Sandusky
 Sue R. Jandrey, Richfield
 Kenneth Edward Kachic, Rochester, NY
 Joyce Linda Malairy, Shelby
 Glenn M. Turkelson, Columbus

College of Law

Dean: James E. Meeks

Juris Doctor

Joseph Charles Burgess, McCammon, ID
 B.A. (University of Akron); M.A., Ph.D. (SUNY-Buffalo)

Darla J. Burns, Columbus
B.S.

Marc Fagin, Columbus
B.S.

Carol Ann Fey, Columbus
B.A. (Miami University)

John Gillespie, Dayton
B.A. (Wright State University)

Douglas E. Graff, Columbus
B.A. (Capital University)

Becky Hoover Herrstein, Stow
B.A. (Kent State)

A. Robert Hutchins, Dayton
B.B.A. (Howard University)

Brian Martin Kushner, Penn Valley, PA
B.A. (Haverford College)

Robert B. McPherson, Dublin
B.S. (North Carolina State University)

Michael John Moroney, Westlake
B.A. (Georgetown University)

Kerry Cornelius Sanders, Columbus
B.A. (Howard University)

Sandra Lang Sherwood, Marco Island, FL
B.A. (University of Notre Dame)

Michael Gary Smith, Brooklyn, NY
B.A. (Brooklyn College)

Amy L. Stein, Akron
B.A. (University of Michigan)

College of Medicine

Dean: Manuel Tzagournis

Doctor of Medicine

Ray Siu-Keung Chung, Ravenna
B.S. (Kent State University)

Jeffrey Paul Gordon, Shelby

Debra Renée Stansberry Jones, Columbus
B.S.

Jack Anthony Kopecek, Lakewood
B.S. (University of Cincinnati)

Thomas Owen Mason, Columbus
B.A. (Capital University)

Janice Faye Moranz, Youngstown
B.S., M.S. (Youngstown State University)

Mark Clifford Preston, Greenfield
B.S., M.A. (University of Cincinnati); D.D.S.

Philip Ronald Shands, Cleveland
B.A. (Williams College); M.B.A. (Case Western
Reserve University)

Steven Burton Silverman, Toledo
B.A. (University of Toledo)

Loren Millard VanDeusen, Columbus
B.S., M.A.

Phung Ngoc Vo, Saigon, Viet Nam
B.S. (University of Otago)

School of Allied Medical Professions

Bachelor of Science in Allied Health Professions

Lori Ann Barcanic, Tucson, AZ

Brenda Lynne Boring, Columbus

Kristen Louise Cole, Geneseo, MI

Mary Theresa Cunningham, Wadsworth

Christine Lou Dible, London

Michele DiCicciolo DiCintio, Niles

Gail Renée Emelko, Strongsville

Joseph Andrew Ewald, Wapakoneta

Murray Bruce Fershtman, Cincinnati

Carol Maureen Fisher, Mansfield

Lisa Lynn Ford, Columbus

Janise Marie French, Westerville

Jennifer Lynn Fruth, Attica

Michele Marie Gallapoo, Barberton

Karen Elizabeth Gebhardt, Grove City

Barbara Joan Harr, Spring, TX

Lisa Beth Hart, Lima

Pamela Lynne Hole, Egg Harbor City, NJ

Pamela Darlene Holmes, Mansfield

Lynn L. Jezerinac, Dublin

Elen Marie Kauffman, Lancaster

Denise Ann Kehl, Pickerington

Karen Elizabeth Keyser, Grove City

John J. Knox III, Marietta

Deborah Anita Kraml, Bay Village

Lisa Ann Kyle, Dover

Daniel Lloyd Lehman, Bexley

Stacy Dawn Mackey, Amherst

Mary Kathleen Martin, Cleveland Hts.

Patricia Ann McGuire, Toledo

Lisa Lynne Michaud, Willshire

Anne-Marie Monseque-Gibbs, Trinidad, West Indies

MaryCarole Morand, Cincinnati

Georgia Ann Muhleman, Salem

Mary Lee Naumoff, Orrville

Rebecca Lynn Nicoll, Perrysburg

Colleen Margaret O'Hearn, Dayton

Mary Lynne O'Neil, Youngstown

Jan Beth Pettibone, Warren, NJ

Christine Marie Podolski, Amherst

Joan Denise Porter, Springfield

Susan Marie Porzyrata, Portsmouth, NH

Kimberly Ann Raible, Cincinnati

Kimberly Diane Retterer, Upper Saint Claire

Dana Kay Roysse, Tremont City

Scott Alan Rupley, Toledo

Patricia Jean Rupp, Streetsboro

Trudy Beth Saltzman, Cleveland

Kimberly Lynn Sanders, Urbana

Lori Ann Springhetti Sanders, Columbus

Melissa Ann Schweitzer, Lisbon

Colleen Renée Seita, Shadyside

Dena Ruth Sheppard, Vienna, VA

Judy Elizabeth Smith, Columbus

Susan Jean Smith, Beaver, PA

Alana Marie Ramsey Sprague, Poseyville, IN

Teresa Faye Sprayberry, Columbus

Melinda Steiner, Orrville

Diane Schur Stevens, Parma Hts.

Kimberly Sue Strickler, Mansfield

Lisa Louise Suchoski, Steubenville

Tracy Lynn Swingle, Gahanna
Victoria Lynn Umberg, Cincinnati
Susanna Marie Underdeutsch, Columbus
Kathryn Ann Von Driska, Hilliard
Donna Maria Walinski, Toledo
Rhonda Ellen White, Englewood
Linda Ann Williams, Grove City
Rebecca Eileen Williams, Akron
Susan Diana Wright, Dayton
Darlene Teresa Yee, North Olmsted
Tracy Ann Zinser, Cincinnati
Steven Eric Zucker, Cleveland

Certificate of Post Baccalaureate Medical Technologist

Robert Steven Jones, Portsmouth
B.S.

College of Nursing

Acting Dean: Grayce M. Sills

Bachelor of Science in Nursing

Karolyn Tyrrell Beery, Warren
Sandra Ann Bright, Columbus
Adrian Ann Ciardelli, Columbus
Monica Ciccarone, Warren
Jay Eldon Detwiler, Cable
Susan Marie Dick, Columbus
Yvonne Iwona Doyle, Ashley
Shelley Jean Futz, Middletown
Cheryl Ann Griffin, Columbus
Beth Ann Group, Casttown
Lauren Henrietta Hoffman, Powhatan Point
Elizabeth Ann Joyce, Columbus
Maureen Ann Klicher, Cuyahoga Falls
Karen Ann Kovach, Jefferson
Deborah Jane Lang, Spring Valley
Sandra Elyse Laws, Worthington
Rebecca Kay Lowry, Grove City
Melissa Gayle Lutz, Ironton
Denise Marie MacKnight, Newark
Carolyn Jo Novak, Columbus
Debra Ann Patterson, Columbus
Carol Lee Rachfal, Worthington
Amy Louise Rankin, Stow
Katherine Annette Reichelderfer, Circleville
Michelle Patricia Ruess, Sandusky
Elaine Sutter, Akron
Traci Lynn Svete, Chardon
Roslwyn Tharp, Lakewood
Mary Lou Thompson, Cincinnati
Mary Ann Kioski Wilkinson, Columbus

College of Pharmacy

Dean: Albert H. Soloway

Bachelor of Science in Pharmacy

Winona Bischoff, Akron
Janice Fanning, Columbus
Sarah Lynn Garbett, New Richmond
Kaoru Gayness, Westerville
Donna Jean Hampton, Columbus
Joseph S. Heimlich, Milford
June Ann Ludden, Urbana
Eugene Thomas Mahaffey, Warren
Timothy Allen Mooney, Lima
Jean Marie Rapp, Highland Falls, NY
Tina Marie Schultz, Louisville
Cynthia Ann Wiles, Dublin

College of Social Work

Dean: Richard E. Boettcher

Bachelor of Science in Social Welfare

Patricia Mary Deering, Columbus
Joanna Marie Modla, Columbus
Iben Sahib Smith, Youngstown
Denise Ellen Vargo, Columbus

Graduate with Honors

Criteria for graduation with honors are as follows:

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.

Cum Laude designates those graduating in the top 10% of the class (top 6% in the Colleges of the Arts and Sciences).

Summa Cum Laude designates those graduating in the top 3% of the class (top 1.5% in the Colleges of the Arts and Sciences).

With Distinction in Natural Resources Development

Joseph Alan Bishop

With Distinction in Textiles and Clothing

Susan Marie Dodson

With Distinction in Classical Humanities and with Honors in the Liberal Arts

Kevin Cedric Hinkle

With Distinction in English and with Honors in the Liberal Arts

Charles Michael Wise

With Distinction in International Studies and with Honors in the Liberal Arts

Gregory Hale Myers

With Distinction in Sociology and with Honors in the Liberal Arts

Joseph Eric Cadora

Cum Laude

Maryam Ally Al-Ismaily
Mark Alan Alberini
Michael Aloysius Arnold
Jill C. Bajec
James Charles Bolzenius
Sharon Rose Campbell
Cindy Jee-Sing Chang
Louis Judson Groza
Linda Mary Haines
Mariann Lynne Halasz
Benjamin Wayne Haserodt
James William Herron
Robert Douglas Horn
Rhonda Raye Hughes
Dorene Elizabeth Jenks
Ellen Marie Kauffman
Lydia Ann Kozich
Scott Allen Kurleman
Karen Renee Larkin
Evelyn F. Lee
Peter Alan Lucas
Lorraine Carol Macklin
Christopher John McKnight
Marsha E. McNutt
Rebecca Ann Meadows
Michele Eileen Miller
Barbara Elaine Mills
Daniel H. Minnich
Anne-Marie Monseque-Gibbs
Hoo Dennis Ong
Jennifer Rhonda Quin
Mark Regenbogen
Donald Joseph Richardson
Beverly A. Robertson
Barbara Jean Roscoe
Judy Elizabeth Smith
Eric Allen Thornton
Diane Powers Titus
Laura Lynn Wagner
Nancy Susan Way
Todd J. Wiebers
Mark Steven Wissingner
Gregory Jon Yaussy

Cum Laude with Distinction in Environmental Interpretation

Gina Louise Warner

Cum Laude with Distinction in Music History

Dianna Kay Rhyan

Cum Laude with Honors in the Liberal Arts

Bradford Louis Dillman
Mary Ellen Pugh
Carolyn Anne Reichert

Summa Cum Laude

Alice Elizabeth Barnes
Kim Marie Brand
Michelle Marie Cajka
Nancy B. Donner
Richard Harry Dundore, Jr.
Gabriela Maria Guerra
Susan Kathryn Hilberg
Elizabeth Sue Miller
Joseph Dwight Phelps
Kimberly Ann Raible
Jodi Patterson Schraedy
Melanie Meese Sims
Tracy Lynn Swingle
Mary Lou Thompson
Kathryn Ann VonDriska
Ho-Cheung Wong
James Martin Young

Summa Cum Laude with Distinction in Electrical Engineering

Mark Lesley Yee

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THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND TWO HUNDRED AND SIXTH MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, December 14, 1984

The Board of Trustees met at its regular monthly meeting on Friday, December 14, 1984, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

* * *

Minutes of the last meeting were approved.

* * *

December 14, 1984 meeting, Board of Trustees

The Chairman, Mr. Hilliker, called the meeting of the Board of Trustees to order at 12:05 p.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: D. James Hilliker, Chairman, John F. Havens, Leonard J. Immke, John W. Berry, Shirley D. Bowser, Hamilton J. Teaford, and John J. Barone.

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Mr. Hilliker reconvened the meeting at 1:45 p.m.

Present: D. James Hilliker, Chairman, John F. Havens, Edmund C. Redman, Leonard J. Immke, John W. Berry, Shirley D. Bowser, Hamilton J. Teaford, and John J. Barone.

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AMENDMENT TO THE RULES OF THE UNIVERSITY FACULTY
Resolution No. 85-58

Synopsis: Amendment to rule 3335-3-21 is being proposed.

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 an amendment to the Rules of the University Faculty as approved by the University Senate; and

WHEREAS the proposed change in the Rules of the University Faculty was approved by the University Senate on October 27, 1984, as follows:

AMENDED RULE

3335-3-21 Director of athletics.

- (A) The director of athletics shall be a member of the faculty. The director of athletics shall be responsible to the vice provost for student affairs and shall be appointed under the procedures outlined in rule 3335-3-35 of the Administrative Code. The athletic council (see rule 3335-5-51 of the Administrative Code) shall also be consulted.
- (B) Under policies established by the athletic council, the director of athletics shall administer the programs of intramural and intercollegiate athletics.
- (C) The director shall have the duties of the chairperson of a department as prescribed in rule 3335-3-35 of the Administrative Code.
- (D) The athletic physical plant shall be under the concurrent jurisdiction of the department of intercollegiate athletics and the office of physical facilities. Athletic physical plant employees shall be under the

December 14, 1984 meeting, Board of Trustees

AMENDMENT TO THE RULES OF THE UNIVERSITY FACULTY (contd)

jurisdiction of the department of intercollegiate athletics, which in consultation with the office of physical facilities shall be responsible for all normal maintenance and repairs. Major remodeling, renovation, construction, and other capital improvements shall be undertaken only with the prior approval of, and under the direction of, the office of physical facilities.

NOW THEREFORE

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

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

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EXCEPTION TO RULE 3335-47-11

Resolution No. 85-59

Synopsis: Exception to rule 3335-47-11 concerning Regular Clinical Faculty is proposed.

WHEREAS the University Senate and the Board of Trustees have approved the establishment of rule 3335-47-11, Regular Clinical Faculty; and

WHEREAS an individual appointed to a tenure-eligible position as Instructor or Assistant Professor may transfer to the Regular Clinical Faculty at any time before the fourth year of service or after tenure has been granted; and

WHEREAS there are faculty members in the College of Medicine who would request to transfer to the Regular Clinical Faculty category but cannot do so because they are between the fourth-year and sixth-year reviews; and

WHEREAS the College of Medicine has requested, and the Committee on Academic Freedom and Responsibility sees the need for, and does not object to, a one-time opportunity for Regular Faculty members between the fourth-year and sixth-year reviews to request transfer to the Regular Clinical Faculty category:

NOW THEREFORE

BE IT RESOLVED, That the exception to rule 3335-47-11 of the Rules of the University Faculty be approved as recommended by the University Senate. This opportunity applies only to Regular Faculty who were between their fourth-year and sixth-year reviews when the Regular Clinical Faculty category was approved by the Board of Trustees.

December 14, 1984 meeting, Board of Trustees

EXCEPTION TO RULE 3335-47-11 (contd)

BE IT FURTHER RESOLVED, That this resolution shall take effect immediately and remain in effect until the end of the academic year 1984-85.

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

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CHANGE IN TITLE OF DEGREE

Resolution No. 85-60

Synopsis: Change in the title of a degree is proposed.

WHEREAS the faculty of the College of Home Economics has proposed that effective Autumn Quarter, 1984, the title of the degree Bachelor of Science in Restaurant Management be changed to Bachelor of Science in Hospitality Management; and

WHEREAS this proposal was unanimously approved by the Council on Academic Affairs on May 19, 1982:

NOW THEREFORE

BE IT RESOLVED, That effective Autumn Quarter, 1984, the title of the degree of Bachelor of Science in Restaurant Management be changed to Bachelor of Science in Hospitality Management.

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

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PERSONNEL ACTIONS

Resolution No. 85-61

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the November 2, 1984 meeting of the Board, including the following Retirement, Changes in Title, Appointment, Reappointment of Principal Administrative Officials, Appointment of Chairperson of Division, Reappointment of Director of School, Leaves of Absence Without Salary, Leave of Absence Without Salary--Change of Date, Professional Improvement Leave--Cancellation, Professional Improvement Leaves--Change of Date, and Emeritus Titles as detailed in the University Budget be approved.

Retirement

CLIVE W. DONOHO, JR., will retire as Director of the Ohio Agricultural Research and Development Center, effective December 31, 1984.

December 14, 1984 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Changes in Title

Name: JOAN R. LEITZEL
Title: Acting Associate Provost and Professor in the Department of Mathematics
Office: Academic Affairs
Effective: January 1, 1985
Salary: \$60,360.00
Present Position: Professor, Department of Mathematics

Name: MICHAEL W. CURRAN
Title: Dean and Associate Professor in the Department of History
Office: University College
Effective: January 1, 1985
Salary: \$58,080.00
Present Position: Associate Professor, Department of History

Name: TED L. JONES
Title: Acting Director
Office: Ohio Agricultural Research and Development Center
Effective: December 17, 1984
Salary: N/A
Present Position: Professor Assistant Director, Cooperative Extension Service

Appointment

Name: MARY HALDANE
Title: Director, Student Financial Aids
Office: Student Services
Effective: January 7, 1985
Salary: \$42,000.00
Present Position: Director of Financial Aid and Lecturer in the College of Education, Drake University, Des Moines, Iowa

Reappointment of Principal Administrative Officials

JULIUS S. GREENSTEIN, Dean/Director of the Newark Campus, effective July 1, 1985 through June 30, 1990, pursuant to rule 3335-3-17 of the Administrative Code.

RONALD A. WRIGHT, Dean of the College of Veterinary Medicine, effective July 1, 1985 through June 30, 1990, pursuant to rule 3335-3-17 of the Administrative Code.

Appointment of Chairperson of Division

December 1, 1984 through June 30, 1985

Mining Engineering

George R. St. Pierre*

*Acting Chairperson

December 14, 1984 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Reappointment of Director of School

July 1, 1985 through June 30, 1989

Architecture

Jerrold R. Voss

Leaves of Absence Without Salary

JEREMIAH D. NOLAN, Professor, Department of Psychology, effective Spring Quarter 1985, for personal reasons.

DONALD R. LARSON, Associate Professor, Department of Romance Languages and Literatures, effective Spring Quarter 1985, for personal reasons.

JAMES MORGANSTERN, Associate Professor, Department of History of Art, effective Spring Quarter 1985, to complete work on a book.

ERNEST G. ARIAS, Assistant Professor, Department of City and Regional Planning, effective Winter Quarter and Spring Quarter 1985, to complete requirements for Ph.D. degree at the University of Pennsylvania.

JAMES C. SMITH, Assistant Professor, College of Law, effective August 16, 1984 through August 15, 1985, for personal reasons.

NIKKI L. CONKLIN, Instructor, Cooperative Extension Service, effective November 9, 1984 through December 20, 1984, for personal reasons.

SAMMY R. ALZOFON, Instructor, University Libraries, effective November 1, 1984 through January 31, 1985, for personal reasons.

Leave of Absence Without Salary--Change of Date

E. OJO AREWA, Professor, Department of Anthropology, change leave of absence from Winter Quarter 1985 to Spring Quarter 1985.

Professional Improvement Leave--Cancellation

NAURINE R. MCCORMICK, Associate Dean, College of Home Economics - Administration and Professor, Cooperative Extension, effective January 1, 1985 through June 30, 1985.

Professional Improvement Leaves--Change of Date

CHARLES E. HERDENDORF, Professor, Department of Zoology, change professional improvement leave from Winter Quarter, Spring Quarter, Summer Quarter and Autumn Quarter 1985 to February 15, 1985 through December 31, 1985.

December 14, 1984 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Professional Improvement Leaves--Change of Date (contd)

MICHAEL E. MANGINO, Associate Professor, Department of Food Science and Nutrition, change professional improvement leave from Summer Quarter and Autumn Quarter 1985, and Winter Quarter 1986 to Autumn Quarter 1985 and Winter Quarter 1986.

Emeritus Titles

COLIN B. B. BULL, College of Mathematical and Physical Sciences, with the title Dean and Professor Emeritus, effective February 1, 1985.

CLIVE W. DONOHO, JR., Ohio Agricultural Research and Development Center, with the title Director Emeritus, effective January 1, 1985.

HAROLD E. VOSS, College of Dentistry - Prosthodontics, with the title Assistant Professor Emeritus, effective July 1, 1984.

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

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RESOLUTIONS IN MEMORIAM

Resolution No. 85-62

Synopsis: Resolutions honoring the service of five of the University's faculty members who have recently died are being 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.

Talbot V. Armstrong

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on May 23, 1984, of Talbot V. Armstrong, Assistant Professor Emeritus in the Department of Food Science and Nutrition.

Professor Armstrong was born February 26, 1894, in Cincinnati, Ohio. He completed his secondary education in Milford, Ohio. In January 1921, he obtained his B.S. degree in Agriculture from The Ohio State University. Following graduation, he worked at Pine State Creamery, Raleigh, North Carolina; Ritz Ice Cream Company, Cincinnati, Ohio; and for 12 years he was Laboratory Director for The Sanitary Milk Company, Canton, Ohio. On January 1, 1937, he joined the Department of Dairy Technology as an Assistant, in 1938 he was promoted to Instructor and in 1950 to Assistant Professor. He was in

December 14, 1984 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Talbot V. Armstrong (contd)

charge of analytical services of the Department for Product Audits for The Dairy Industry. He also was responsible for State of Ohio Examinations for Weighers, Samplers and Testers of dairy products.

During his tenure with the Department, the staff sought his advice and guidance and he was respected by the commercial industry. Professor Armstrong retired on February 23, 1959.

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.

Aninda K. Bose

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on November 1, 1984, of Aninda K. Bose, Assistant Professor in the Department of Economics.

Dr. Bose was born in Jamshedpur, India. He received his M.A. degree in economics from the Delhi School of Economics before coming to the United States, where he continued his post-graduate studies at the State University of New York at Stony Brook. He earned an M.S. in operations research from the Department of Applied Mathematics and a Ph.D. from the Department of Economics in 1984. His specialties were cyclic queueing theory, game theory, bargaining theory, and microeconomic theory. While a student at SUNY-Stony Brook he also won the Peter J. Kalman Award from the Department of Economics. He joined the Economics Department at The Ohio State University in September 1984 as an Assistant Professor. He immediately assumed a direct role in the intellectual circle of the department and was highly regarded by his colleagues.

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.

William E. Brown

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on September 26, 1984, of William E. Brown, Clinical Instructor in the Department of Preventive Medicine and Chief of Preventive Medicine of the University Health Service.

December 14, 1984 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

William E. Brown (contd)

William E. Brown was born October 4, 1921, in Ohio City, Ohio. He received the degree of A.B. from Wittenberg College in 1943 and the M.D. degree from The Ohio State University in 1950.

After practicing medicine for seven years, Dr. Brown embarked on a career in Public Health, receiving the degree of Master of Public Health from the University of Michigan in 1960. He served as Health Commissioner in Allen-Logan-Shelby Counties until 1964 and as Health Commissioner of the Springfield-Clark County Health Department until 1967. He was then appointed Director of the Health Department of the City of Columbus. In this capacity, he gave of his time generously to the instruction of medical students and participated in many of the College of Medicine teaching programs. In October 1969, Dr. Brown was appointed Clinical Instructor in Preventive Medicine. In December 1979, Dr. Brown was named Chief of Preventive Medicine of the University Health Service. In this post he served many of our students and continued to instruct medical students and medical residents. Dr. Brown was always a strong supporter of the Department of Preventive Medicine and gained the respect and affection of his colleagues and students for his quiet dignity, his expertise and his devotion to teaching and service.

On behalf of the University, the Board of Trustees expresses to the family of Dr. William E. Brown 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.

Harold W. Long

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on November 6, 1984, of Harold W. Long, Clinical Instructor in the Department of Radiology.

Dr. Long was born in Jackson, Ohio, on July 3, 1924, the son of a farmer. He graduated from Jackson High School and enrolled at The Ohio State University in 1944 as a premedical student. He entered medical school in 1948 and graduated with the Class of 1952. Dr. Long served in the U. S. Navy and after an internship at Philadelphia General Hospital in 1956, he started his residency in Radiology at The Ohio State University Hospital. He served as the Chief Resident in 1958. Subsequently, he entered private practice as a radiologist in Columbus serving also as a Clinical Instructor of Radiology in the College of Medicine until his death.

Dr. Long contributed to the residency program by presenting didactic material and participating in the discussion of related topics in the field of Radiology. He was highly regarded as a most competent specialist in the field of Radiology. He was a member of the American College of Radiology, the Ohio State Radiological Society, the Central Ohio Radiological Society, the American Medical Association, the Ohio State Medical Association, the Radiological

December 14, 1984 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Harold W. Long (contd)

Society of North America, and the Academy of Medicine of Columbus and Franklin County.

On behalf of the University community, the Board of Trustees expresses to the family of Dr. Long its deepest sympathy. 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 sincere appreciation of the Board's realization of the loss that the family, his professional colleagues and the radiological community of Central Ohio have sustained.

Everett C. Shimp

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on October 23, 1984, of Everett C. Shimp, Professor Emeritus in the College of Social Work.

Professor Shimp was born February 6, 1907, in Fairfield County, Ohio. He received his AB from Ohio University, Athens, Ohio, where he was Vice President of the Senior Class, 1928-1929. His Master's Degree was awarded in 1930, also from Ohio University. He did doctoral study in community organization at The Ohio State University, 1943-1944. Mr. Shimp was with the Ohio Department of Public Welfare from 1934 to 1944 as Child Welfare Consultant, District Representative and Administrative Assistant. Prior to that, he served as Director of Emergency Relief and Administrator, Jefferson County, Ohio.

He joined the School of Social Work as Assistant Professor in 1944-1945; was Associate Professor, 1945-1950; Professor, 1950-1972; and Director of the School of Social Work, 1955-1966. He became Professor Emeritus in 1972, and Director of the Interfaith Counseling Center, serving in that capacity until 1982.

Professor Shimp held membership and leadership in the Community Chest; United Appeals of Franklin County, 1946-1978; Ohio Welfare Conference (Past President); Advisory Board of Catholic Social Services; Wesley Glen Retirement Center Board; Organizing Committee of North Central Mental Health and Retardation Services; Ohio Commission on Children and Youth for Mid-Century White House; Torch Club (Past President); Alpha Kappa Delta (Sociological Honorary); Kappa Delta Pi (Educational Honorary); received Social Worker of the Year Award, 1966; and Distinguished Alumnus Award, The Ohio State University, 1976. He was also a member of the Commission on Recreation, City of Columbus, 1953-1959; American Public Welfare Association; Ohio Citizens Council for Health and Welfare; and the Board of Boys Village. He was selected for Who's Who in American Education, Who's Who in the Midwest, Who's Who in Ohio, Ohio Lives, and The Dictionary of International Biography, London, England.

On behalf of the University community, the Board of Trustees expresses to the family of Professor Shimp its deepest sympathy. It was directed that this

December 14, 1984 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Everett C. Shimp (contd)

resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to the family as sincere appreciation of the Board's realization of the loss that the family, the University and his many friends and associates have sustained.

Upon motion of Mrs. Bowser, seconded by Mr. Teaford, the Board of Trustees adopted the foregoing resolutions by unanimous voice vote.

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS
Resolution No. 85-63

Synopsis: The reports on contracts, grants, and gifts and the summary for October 1984 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 and The Ohio State University Development Fund during the month of October 1984 be approved.

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

SUMMARY FOR OCTOBER 1984

	No. of Projects	Support Level
The Ohio State University Research Foundation	79	\$12,983,162.61
Engineering Experiment Station	31	\$ 251,419.00
		\$13,234,581.61

December 14, 1984 meeting, Board of Trustees

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

SUMMARY FOR OCTOBER 1984 (contd)

The Ohio State University Development Fund

Establishment of Named Funds

Lowber B. Strange Fund in Civil Engineering (Scholastic or educational purposes)	\$ 50,000.00
Department of Chemistry Center of Excellence Endowment Fund (Professorships)	\$ 38,000.00
Anna E. Broden Scholarship Fund (Scholarships - College of Home Economics)	\$ 25,000.00
NACDS Pharmaceutical Administration Fund (For undergraduate pharmaceutical administration curriculum)	\$ 25,000.00
Ohio Staters, Inc., Outdoor Performance Center Endowment Fund (Establishing the Outdoor Performance Center in Mirror Lake Hollow)	\$ 25,000.00
The Martha W. Farmer Theatre Scholarship Fund (Scholarship(s) at OSU - Lima)	\$ 20,000.00
Catherine Chambers Woodward Fund (Scholarship(s) - College of Administrative Science majoring in Marketing)	\$ 20,000.00
Mary Armstrong Andrian Scholarship Fund (Scholarship - College of Home Economics)	\$ 12,000.00
The Robert J. O'Leary Endowed Lecture Series Fund (Lecturers - College of Social Work)	\$ 10,000.00
Wayne S. Nichols Memorial Fund (School of Natural Resources)	\$ 7,936.00
The Class of 1982 Library Fund (To purchase items such as rare books and special collections)	\$ 6,100.00

December 14, 1984 meeting, Board of Trustees

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

SUMMARY FOR OCTOBER 1984 (contd)

The Ohio State University Development Fund (contd)

Establishment of Named Funds (contd)

The Martha King Scholarship Award (Ph.D. research awards in the College of Education)	\$	5,795.00
Mary Hannon Gross Memorial Fund (College of Education)	\$	5,011.50
Samuel G. Huber Undergraduate Teaching Assistant Award (Agricultural Engineering under- graduate students)	\$	5,000.00
The Charles W. Lifer 4-H Excellence Fund (Outstanding Cooperative Extension Service professionals)	\$	5,000.00
Marion Campus Minority Scholarship Fund (Scholarships - minority students)	\$	5,000.00

Change in Description of Named Funds

The Sphinx Endowment Fund

The Pamela J. and Todd C. Stallkamp
Scholarship Fund

Report from Presidents Club

Members to date	4,679
1984-85 members: fiscal year to date	18
New members - October 1984	1

New Presidents Club Member - October 1984

George V. Glaskin, Jr.

December 14, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Report - October 1984

Federal Research Contracts/Grants

\$3,425,000.00 - Agency for International Development, Washington, D. C., Manpower for Agricultural Development in Uganda, International Programs in Agriculture (P. R. Henderlong) and Department of Agronomy (J. L. Parsons), 1 September 1984 through 30 September 1988. (Project 764443 - New)

\$3,070,226.00 - Department of Labor, Employment and Training Administration, Washington, D. C., National Longitudinal Studies of Labor Force Behavior, Center for Human Resources, Academic Affairs Administration (K. I. Wolpin), 1 October 1984 through 30 September 1985. (Project 760081 - Continuation)

\$994,000.00 - Department of Education, Office of Special Education, Washington, D. C., Services for Deaf-Blind Children and Youth, Department of Human Services Education (T. M. Stephens), 1 October 1984 through 30 September 1985. (Project 764408 - New)

\$855,000.00 - Department of Energy, Argonne, Illinois, High Energy Physics, Department of Physics (T. A. Romanowski, K. Reibel, N. W. Reay, N. R. Stanton, T. Y. Ling and H. P. Kagan), 1 August 1984 through 31 January 1985. (Project 762116 - Continuation)

\$333,000.00 - Department of Education, Office of Educational Research and Improvements, Washington, D. C., ERIC Clearinghouse on Adult, Career and Vocational Education, The National Center for Research in Vocational Education (R. E. Taylor), 14 September 1984 through 13 September 1985. (Project 764387 - Continuation)

\$200,000.00 - Department of Commerce, Minority Business Development Agency, Washington, D. C., Forming MBDA Partnerships with the Education Community, The National Center for Research in Vocational Education (R. E. Taylor), 1 October 1984 through 30 September 1985. (Project 764409 - New)

\$175,559.00 - Agency for International Development, Washington, D. C., Improvement of Savings and Credit Services by Rural Financial Institutions in Dominican Republic, Department of Agricultural Economics and Rural Sociology (C. Gonzalez-Vega), 1 October 1983 through 30 September 1985. (Project 763301 - Continuation)

\$169,997.00 - Department of Education, Office of Special Education, Washington, D. C., Regional Resource Center, Department of Human Services Education (T. M. Stephens), 1 September 1984 through 31 May 1985. (Project 763600 - Continuation)

December 14, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$150,000.00 - National Foundation of Arts and Humanities, National Endowment for the Humanities, Washington, D. C., Telephone Assisted Language Learning, Department of Slavic and East European Languages and Literatures (L. I. Twarog), 1 November 1984 through 28 February 1986. (Project 764441 - New)

\$147,336.00 - Department of Transportation, National Highway Traffic Safety Administration, East Liberty, Ohio, Passenger Car Handling and Stability Research, Department of Mechanical Engineering (L. A. Kennedy), 1 October 1984 through 30 September 1985. (Project 763939 - Continuation)

\$140,214.00 - Department of Health and Human Services, Public Health Service, Health Resources and Services Administration, Rockville, Maryland, Effects of Preventative Exercise on Elders, Department of Life Span Process (J. S. Stevenson), 26 September 1984 through 25 September 1985. (Project 763849 - Continuation)

\$124,232.00 - Department of the Air Force, Air Force Systems Command, Bolling Air Force Base, D. C., Modulating Transfer RNA Anticodon Modification and Biologic Responses in Human Cells, Department of Physiological Chemistry and Cancer Research Center (R. W. Trewyn), 15 October 1984 through 14 October 1985. (Project 764432 - New)

\$121,280.00 - Department of Education, Office of Special Education, Washington, D. C., Centrally Coordinated Approach to Serving Learning Disabled Students on Five College Campuses, Office of Disability Services (W. L. King), 1 October 1984 through 30 September 1985. (Project 764410 - New)

\$113,949.00 - Department of Health and Human Services, Public Health Service, Health Resources and Services Administration, Bethesda, Maryland, Minimizing the Harmful Sequelae of Endotracheal Suctioning, Department of Life Span Process (K. A. Sexton Stone), 28 September 1984 through 27 September 1985. (Project 764427 - New)

\$65,700.00 - National Science Foundation, Washington, D. C., Spectroscopic Studies of Active Galaxies and Quasi-Stellar Objects, Department of Astronomy (B. M. Peterson), 1 November 1984 through 31 October 1985. (Project 764070 - Continuation)

December 14, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$60,000.00 - National Foundation for the Arts and Humanities, National Endowment for the Humanities, Washington, D. C., Challenge Grant for the Hilandar Research Project Endowment, University Libraries (W. J. Studer), 1 October 1984 through 31 July 1986. (Project 763686 - Continuation)

\$50,853.00 - Department of Education, Office of Special Education and Rehabilitation Services, Washington, D. C., Parent-Child Conversation: A Longitudinal Project for Research into Intervention with Language-Delayed Handicapped Children, Nisonger Center for Mental Retardation (J. D. MacDonald), 1 October 1984 through 30 September 1985. (Project 764417 - New)

\$48,500.00 - Department of the Air Force, Air Force Systems Command, Bolling Air Force Base, D. C., Effects of Assuming Independent Component Failure Times, if They are Actually Dependent, in a Series System, Department of Preventive Medicine (M. L. Moeschberger) and Department of Statistics (J. P. Klein), 1 October 1984 through 30 September 1985. (Project 763265 - Continuation)

\$32,000.00 - Department of Agriculture, Animal and Plant Health Inspection Service, Moorestown, New Jersey, Ohio Plant Pest Survey and Detection Program, Cooperative Extension State Operations and Department of Plant Pathology (L. W. Deep), 1 October 1984 through 30 September 1985. (Project 763261 - Continuation)

\$30,900.00 - National Science Foundation, Washington, D. C., The Interannual Variation of Certain Features of the General Circulation over the Southern Hemisphere, Department of Geography (J. C. Rogers), 16 October 1984 through 30 September 1985. (Project 763498 - Continuation)

\$27,530.00 - National Science Foundation, Washington, D. C., A Chronology of the United States in Antarctica, 1949-1984, Institute of Polar Studies (P. J. Anderson), 1 September 1984 through 31 August 1985. (Project 764405 - New)

\$25,000.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, Application of Optical Computing to the Control of Jet Engines, Department of Electrical Engineering, ElectroScience Laboratory (S. A. Collins), 31 October 1984 through 31 July 1986. (Project 761795 - Continuation)

December 14, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$24,466.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Carcinogenesis, Molecular and Cellular Biology, Cancer Research Center and Department of Physiological Chemistry (G. E. Milo), 1 September 1984 through 31 August 1985. (Project 764351 - Continuation)

\$21,476.00 - Environmental Protection Agency, Washington, D. C., Dietary Factors on the Uptake of Aluminum from Drinking Water, Department of Pharmacology (D. Couri), 19 November 1984 through 18 November 1985. (Project 764449 - New)

\$17,040.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Infrared Studies on Cytochrome C Oxidase, Department of Physiological Chemistry (J. O. Alben and A. A. Croteau), 1 November 1984 through 31 October 1985. (Project 764438 - New)

\$15,500.00 - Department of Energy, Pittsburgh Energy Technology Center, Pittsburgh, Pennsylvania, Effect of In-Situ Heat Treatment on Coal Char Reactivity, Department of Mechanical Engineering (R. H. Essenhigh), 15 May 1985 through 14 August 1985. (Project 764092 - Continuation)

\$15,000.00 - Department of Commerce, National Bureau of Standards, Washington, D. C., Ultrasonic Characterization of Polymers, Department of Welding Engineering (K. F. Graff), 1 September 1984 through 31 August 1985. (Project 764411 - New)

\$15,000.00 - Environmental Protection Agency, Chicago, Illinois, Technical Assessment of the Lake Erie Intensive Study, Center for Lake Erie Area Research (C. E. Herdendorf), 1 July 1984 through 30 June 1985. (Project 764424 - Continuation)

\$12,000.00 - Department of Agriculture, Forest Service, Broomall, Pennsylvania, Analysis and Evaluation of Existing Reports with Respect to Erosion and Sedimentation in the Cuyahoga Valley National Recreation Area, Department of Natural Resources - OARDC and School of Natural Resources (G. E. Gatherum), 17 September 1984 through 28 February 1985. (Project 764426 - New)

\$11,500.00 - Environmental Protection Agency, Washington, D. C., The Parameterization of Sediment Resuspension Effects for Hazard Evaluation, Department of Civil Engineering (K. W. Bedford), 1 November 1984 through 31 March 1985. (Project 764312 - Continuation)

December 14, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$8,060.00 - Environmental Protection Agency, Chicago, Illinois, Acid Deposition Monitoring Program for Western Lake Erie, Center for Lake Erie Area Research (C. E. Herdendorf), 1 July 1984 through 30 June 1985. (Project 763579 - Continuation)

\$6,431.00 - Department of the Navy, Naval Research Laboratory, Washington, D. C., Advanced Topics in Adaptive Arrays, Department of Electrical Engineering, ElectroScience Laboratory (R. T. Compton), 1 July 1984 through 31 July 1984. (Project 763784 - Continuation)

\$4,666.00 - Department of Transportation, National Highway Traffic Safety Administration, East Liberty, Ohio, Brake Dynamometer Data Acquisition System Development, Phases 2 & 3, Department of Electrical Engineering (H. N. Hemami), 1 October 1984 through 31 December 1985. (Project 764244 - Continuation)

\$3,340.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Immunobiology of Boronated Monoclonal Antibodies, Department of Pathology (R. F. Barth and C. W. Johnson), 1 October 1983 through 30 November 1984. (Project 762893 - Continuation)

TOTAL - FEDERAL AWARDS

\$10,514,755.00

State of Ohio Research Contracts/Grants

\$50,000.00 - State of Ohio, Department of Development, Columbus, Ohio, Workshops on Improving Energy Management Skills of Facilities Operations Personnel in Ohio Colleges and Universities, Physical Facilities Administration (W. C. Giffen), 1 October 1984 through 30 September 1985. (Project 764437 - New)

\$15,550.00 - State of Ohio, Ohio Arts Council, Columbus, Ohio, Public Film/Video Exhibition in Columbus 1984-85, College of The Arts - Administration and Department of Photography and Cinema (J. R. Green), 1 July 1984 through 30 June 1985. (Project 764414 - Continuation)

\$10,385.00 - State of Ohio, Department of Mental Retardation, Columbus, Ohio, Deinstitutionalization Task Force Implementation, Nisonger Center for Mental Retardation (M. J. Guralnick), 1 December 1983 through 30 November 1984. (Project 763871 - Continuation)

December 14, 1984 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)

\$9,000.00 - State of Ohio, Ohio Humanities Council, Columbus, Ohio, "Built in Ohio," Department of Architecture (R. S. Livesey), 18 June 1984 through 30 November 1984. (Project 764429 - New)

\$6,520.68 - State of Ohio, Department of Natural Resources, Columbus, Ohio, Lake Erie Basin - Accelerated Conservation Tillage Project, Cooperative Extension Field Operations (T. L. Jones), 1 July 1984 through 1 December 1985. (Project 762943 - Continuation)

\$4,866.00 - State of Ohio, Department of Human Services, Columbus, Ohio, An Analysis of the Increase in Residential Energy Costs in Ohio, National Regulatory Research Institute (D. N. Jones), 1 September 1984 through 31 October 1984. (Project 764419 - New)

\$4,057.00 - State of Ohio, Ohio Arts Council, Columbus, Ohio, Public Presentations by Photographers, College of The Arts - Administration (J. R. Green), 1 July 1984 through 30 June 1985. (Project 764418 - New)

\$2,500.00 - State of Ohio, Ohio Arts Council, Columbus, Ohio, Performing Arts Series, Newark Campus and Department of English (P. B. Graham), 1 September 1984 through 28 February 1985. (Project 764412 - New)

\$992.00 - State of Ohio, Department of Education, Columbus, Ohio, Ohio Education Deans' Task Force, Department of Human Services Education (T. M. Stephens), 1 July 1984 through 30 June 1985. (Project 764296 - Continuation)

\$550.00 - State of Ohio, Ohio Arts Council, Columbus, Ohio, Performing Arts Series, Newark Campus and Department of English (P. B. Graham), 1 September 1984 through 28 February 1985. (Project 764413 - New)

TOTAL - STATE OF OHIO AWARDS \$ 104,420.68

Industrial Research Contracts/Grants

\$65,769.00 - Rockwell International Corporation, Los Angeles, California, Measurement on the Effect of Various Absorbing Coatings on the Radar Reflectivity of Wing Sections, Department of Electrical Engineering, ElectroScience Laboratory (R. Caldecott), 25 September 1984 through 31 May 1985. (Project 764445 - New)

December 14, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial Research Contracts/Grants (contd)

\$59,316.00 - Pfizer, Inc., Groton, Connecticut, CP-47,904/Cephalexin Multiple Dose Phase I Comparative Toleration and Pharmacokinetic Study. Oral Parallel Multiple Dose Open Toleration Study of CP-47,904, 250 mg Tablet and Cephalexin, 500 mg Capsule, Co-Administered Four Times a Day and Cephalexin, 500 mg Capsule, Administered Alone Four Times a Day for Seven Consecutive Days (87-11), Department of Pharmacology (N. Gerber), 1 September 1984 through 30 September 1984. (Project 764001 - Continuation)

\$49,000.00 - Oxford Research International Corp., Clifton, New Jersey, Protocol for a Double-Blind Placebo Controlled Ascending Single Dose Bioavailability Study to Evaluate the Safety, Toleration and Bioavailability of Co-Enzyme Q10 (Eisai Co., LTD.) in Healthy Male Volunteers, Department of Pharmacology (N. Gerber), 1 May 1984 through 30 September 1984. (Project 764001 - Continuation)

\$26,100.00 - Boehringer Ingelheim LTD., Ridgefield, Connecticut, Analysis of Dipyrindamole in Plasma, Department of Veterinary Clinical Sciences (R. Sams), 1 October 1984 through 31 March 1985. (Project 762928 - Continuation)

\$23,560.00 - Ross Laboratories, Columbus, Ohio, Effects of Alternate Processing Techniques on Tolerance and Nutrient Availability of Enteral Formulas, Department of Home Economics - OARDC and Department of Human Nutrition and Food Management (V. M. Vivian), 1 October 1984 through 31 December 1985. (Project 764407 - New)

\$22,678.00 - L. D. Caulk Company, Milford, Delaware, Evaluation of a Light-Cured Restorative Resin Containing a Modified Filler System, College of Dentistry - Restorative Dentistry (M. H. Reisbick), 1 July 1984 through 30 June 1986. (Project 764392 - New)

\$19,163.00 - Bell & Howell Corporation, Wooster, Ohio, COIN Integration into Subject Matter Curriculum, The National Center for Research in Vocational Education (R. E. Taylor), 1 September 1984 through 31 December 1984. (Project 764399 - New)

\$15,878.00 - Environmental Science and Engineering, Inc., Gainesville, Florida, Air Pollutant Effects on Growth of White Pine in the Cuyahoga Valley National Recreation Area, Department of Forestry Division - OARDC (J. R. McClenahan and J. H. Brown), 15 September 1984 through 31 December 1985. (Project 764430 - New)

December 14, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial Research Contracts/Grants (contd)

\$15,000.00 - Brunswick Corporation, Marion, Virginia, Metallic Radome Design and Test, Department of Electrical Engineering, ElectroScience Laboratory (B. A. Munk), 1 July 1984 through 31 December 1984. (Project 763594 - Continuation)

\$5,000.00 - Mattson Instruments, Inc., Madison, Wisconsin, Studies Concerning Attainable Performance Levels of the Sirius 100 FT-IR Spectrometer, Department of Physiological Chemistry (J. O. Alben), 15 October 1984 through 14 October 1985. (Project 764451 - New)

\$4,976.00 - International Business Machines, Owego, New York, Spiral Circuit Analysis, Department of Electrical Engineering, ElectroScience Laboratory (E. H. Newman), 15 October 1984 through 15 November 1984. (Project 764325 - Continuation)

\$78.00 - CSG Corporation, Washington, D. C., Technical Assistance Project for the Microcomputer Choices Program, The National Center for Research in Vocational Education (R. E. Taylor), 1 October 1984 through 31 December 1984. (Project 763026 - Continuation)

\$0 - Digital Equipment Corporation, Maynard, Massachusetts, Project to Acquire VAX II/750 Computer for OSU Arts Activities, College of The Arts - Administration and School of Music (R. Y. Hare), 25 September 1984 through 24 September 1985. (Project 764423 - New)

TOTAL - INDUSTRIAL AWARDS

\$ 306,518.00

Other Non-Federal Research Contracts/Grants

\$1,456,000.00 - National Association of Regulatory Utility Commissioners, Washington, D. C., NARUC State Member Support of the NRRI through Regularized State-Provided Contributions, National Regulatory Research Institute (D. N. Jones), 1 September 1984 through 31 August 1985. (Project 763289 - Continuation)

\$203,970.00 - University of Missouri, Columbia, Missouri, Mechanisms and Kinetics of Multiphase Reactions in Pyrometallurgical Processing as an Affiliate of the U. S. Bureau of Mines Generic Center for Pyrometallurgical Research, Department of Metallurgical Engineering (G. St. Pierre, R. A. Rapp, Y. Sahai and W. B. Johnson) and Department of Ceramic Engineering (C. E. Semler), 6 August 1984 through 30 September 1985. (Project 764365 - New)

December 14, 1984 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)

\$65,754.00 - Electric Power Research Institute, Palo Alto, California, Causes and Corrective Actions for Pitting in Steam Generator Tubing, Department of Metallurgical Engineering (S. S. Smialowska), 1 November 1984 through 31 August 1985. (Project 763582 - Continuation)

\$45,000.00 - University of Dayton, Dayton, Ohio, 94 GHz Transmissometer, Department of Electrical Engineering, ElectroScience Laboratory (C. A. Levis), 1 July 1984 through 31 December 1984. (Project 764435 - New)

\$35,250.00 - Hannah Neil Center for Children, Columbus, Ohio, Implementing Behavioral Treatment Activities: A Joint Human Services/Physical Education Internship, School of Health, Physical Education and Recreation (C. L. Mand) and Department of Human Services Education (J. O. Cooper), 1 October 1984 through 30 June 1985. (Project 764433 - Continuation)

\$30,897.00 - Singapore Government, Singapore, Republic of Singapore, Non-Credit Fellowship Program for Singapore, The National Center for Research in Vocational Education (R. E. Taylor), 1 September 1984 through 15 March 1985. (Project 764434 - New)

\$30,000.00 - German Marshall Fund of the U. S., Washington, D. C., Fetal Therapy: Ethical Issues and Broader Implications, College of Law (N. K. Rhoden), 1 September 1984 through 31 August 1985. (Project 764452 - New)

\$28,621.00 - University of Connecticut, Storrs, Connecticut, An Investigation on Suspended Material Transport in Central Long Island Sound, Department of Civil Engineering (K. W. Bedford), 1 August 1984 through 30 April 1985. (Project 763780 - Continuation)

\$24,994.00 - Morris Animal Foundation, Englewood, Colorado, Serum Calcitriol in Chronic Renal Disease, Department of Veterinary Pathobiology (L. A. Nagode), 1 October 1984 through 30 September 1985. (Project 764422 - New)

\$22,000.00 - Eleven Members of the National Alliance of Postsecondary Education Institutions/Districts, National Alliance of Postsecondary Education Institutions/Districts, The National Center for Research in Vocational Education (R. E. Taylor), 1 July 1984 through 30 June 1985. (Project 763548 - Continuation)

December 14, 1984 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 - Battelle Memorial Institute, Columbus, Ohio, Slit Analysis and Detection Study, Department of Electrical Engineering, ElectroScience Laboratory (E. H. Newman), 10 September 1984 through 31 January 1985. (Project 764447 - New)

\$19,996.00 - Battelle Memorial Institute, Columbus, Ohio, Distribution and Abundance of Unionid Mollusc Species in the Vicinity of the Zimmer Electric Generating Power Plant, Department of Zoology (D. H. Stansbery), 8 October 1984 through 5 January 1985. (Project 764425 - New)

\$12,647.00 - University of Maryland Baltimore County, Cantonville, Maryland, Affect, Cognitive Organization, and Decision Making, Department of Psychology (F. G. Ashby), 1 August 1984 through 31 January 1986. (Project 764444 - New)

\$12,000.00 - Six Members of the National Entrepreneurship Education Consortium, The National Center for Research in Vocational Education (R. E. Taylor), 1 July 1984 through 30 June 1985. (Project 764317 - Continuation)

\$11,335.93 - University of Wisconsin, Madison, Wisconsin, Education Development Training Project, Academic Affairs Administration (D. G. McCloud), 1 September 1984 through 28 September 1984. (Project 764305 - Continuation)

\$11,000.00 - Lawrence Livermore Laboratory, Livermore, California, Ultrasonic Methods to Evaluate Surface Roughness, Department of Welding Engineering (L. Adler), 1 September 1984 through 31 August 1985. (Project 764397 - New)

\$10,000.00 - Parenteral Drug Association Foundation, Garden City, New York, Drug Entrapment within Native Albumin Beads, College of Pharmacy (T. D. Sokoloski), 1 November 1984 through 31 October 1985. (Project 764442 - New)

\$7,746.00 - University Affiliated Cincinnati Center for Developmental Disorders, Cincinnati, Ohio, Prevention Continuing Education in Rural Areas, Nisonger Center for Mental Retardation (M. J. Guralnick), 1 October 1984 through 31 December 1984. (Project 763892 - Continuation)

December 14, 1984 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)

\$4,191.00 - American Society of Hospital Pharmacists, Bethesda, Maryland, Testing a Methodology to Isolate and Evaluate Fertile Pharmacy/Intensive Therapies for DRG Cost Reduction Strategies, College of Pharmacy (D. W. Grauer), 15 October 1984 through 15 October 1985. (Project 764416 - New)

\$4,000.00 - Battelle Memorial Institute, Columbus, Ohio, Development of the Non-Destructive Testing Expert System, Department of Computer and Information Science (B. Chandrasekaran), 16 September 1984 through 15 December 1984. (Project 764404 - Continuation)

\$2,000.00 - State of Oregon, Department of Education, Salem, Oregon, National Entrepreneurship Education Consortium, The National Center for Research in Vocational Education (R. E. Taylor), 1 July 1984 through 30 June 1985. (Project 764317 - Continuation)

\$67.00 - W. K. Kellogg Foundation, Battle Creek, Michigan, Kellogg National Fellowship Program, Department of City and Regional Planning (S. L. Gordon), 1 May 1984 through 31 August 1984. (Project 764194 - Continuation)

TOTAL - OTHER NON-FEDERAL AWARDS

\$ 2,057,468.93

ENGINEERING EXPERIMENT STATION

Industrial and Other Sponsored Research and Development

\$214,386.00 - from 28 industries for 30 development projects under the direction of seven engineering departments.

\$37,033.00 - International Engineering Company, Inc., San Francisco, California, "A Study of Radio Frequency Interference from HVDC Converter Stations," Department of Electrical Engineering, 19 October 1984 through 31 March 1985. (EES 529632, Ext. 3)

TOTAL - INDUSTRIAL AND OTHER SPONSORED RESEARCH

\$ 251,419.00

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Establishment of Named Funds

Lowber B. Strange Fund in Civil Engineering

The Lowber B. Strange Fund in Civil Engineering was established December 14, 1984, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from the estate of Lowber B. Strange, B.C.E. '27.

December 14, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Lowber B. Strange Fund in Civil Engineering (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 is to be used for scholastic or educational purposes as the Chairperson of the Department of Civil Engineering, in consultation with the Dean of the College of Engineering, shall determine to be in the best interests of the Department of Civil Engineering. Should the income be used for scholarship awards in any given year, the award recipient(s) shall be selected by the Chairperson of the Department of Civil Engineering and the University Committee on Student Financial Aids.

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 then responsible for engineering education.

Department of Chemistry
Center of Excellence Endowment Fund

The Department of Chemistry Center of Excellence Endowment Fund was established December 14, 1984, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from alumni, corporations, organizations, faculty, staff, and friends of the Department of Chemistry.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used, as well as principal if necessary, to match commitments required by sponsors of professorships and to provide supplemental laboratory set-up funds for new senior faculty as the Chairperson of the Department of Chemistry, in consultation with the Dean of the College of Mathematical and Physical Sciences, shall determine.

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 the Department of Chemistry. Before making such recommendations, the University official so designated should

December 14, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Department of Chemistry
Center of Excellence Endowment Fund (contd)

consult with the Chairperson and Business Manager of the Department of Chemistry.

Anna E. Broden Scholarship Fund

The Anna E. Broden Scholarship Fund was established December 14, 1984, by the Board of Trustees of The Ohio State University with a gift to the Office of University Development from Carlton V. Broden, B.S.Bus.Adm. '42, in memory of his mother, Anna E. Broden.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide one or more scholarships for undergraduate or graduate students enrolled in the College of Home Economics with preference being given to those students majoring in nutrition. The scholarships are to be awarded on the basis of need and merit without any restrictions as to sex, race, religion or nationality. Selection of the award recipient(s) shall be made by the University Committee on Student Financial Aids upon the recommendation of the College of Home Economics.

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 purposes 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 home economics education.

NACDS Pharmaceutical Administration Fund

The NACDS Pharmaceutical Administration Fund was established December 14, 1984, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the National Association of Chain Drug Stores, Alexandria, 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 financial assistance for developing a more comprehensive undergraduate pharmaceutical administration curriculum in the College of Pharmacy. While the funds may be used for this purpose as

December 14, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

NACDS Pharmaceutical Administration Fund (contd)

determined by the Chairperson of the Division of Pharmaceutical Administration in cooperation with the Dean of the College of Pharmacy, they shall not be utilized for the purpose of scholarships, fellowships or salaries. In order to assure the availability of the needed funds, it may also be appropriate to withdraw funds from the principal of the account and this is permissible as agreed to by both the Division Chairperson and the Dean of the College.

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 purposes 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 responsible for the programs in pharmacy.

Ohio Staters, Inc.,
Outdoor Performance Center Endowment Fund

The Ohio Staters, Inc., Outdoor Performance Center Endowment Fund was established December 14, 1984, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from members, alumni, and friends of Ohio Staters, 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 and additional gifts are to be added to the principal for the purpose of establishing the Outdoor Performance Center in Mirror Lake Hollow. Principal, as well as income may be used for planning, construction and maintenance of the Outdoor Performance Center, which shall be dedicated to the University on the 50th Anniversary of the incorporation of Ohio Staters, Inc.

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 recognized student organizations. Before making such recommendations, the University official so designated should consult with Ohio Staters, Inc., or its successor.

December 14, 1984 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 Martha W. Farmer Theatre Scholarship Fund

The Martha W. Farmer Theatre Scholarship Fund was established December 14, 1984, by the Board of Trustees of The Ohio State University with a gift to the Office of University Development from Martha W. Farmer of Lima, 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 will provide scholarship support for one or more undergraduate students enrolled at The Ohio State University at Lima who have exhibited talent in theatre and who are in preparation for entry as a theatre major in the College of The Arts, or are former Lima Campus students who are now B.A. or B.F.A. theatre degree candidates at the Columbus Campus. Recipients shall also be selected based upon academic merit. The selection of the recipient(s) shall be made by the Dean of The Ohio State University at Lima with recommendations by the financial aid officer and the theatre faculty of The Ohio State University at Lima.

Should the need for these scholarships 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 Ohio State University who is then directly responsible for theatre education.

Catherine Chambers Woodward Fund

The Catherine Chambers Woodward Fund was established December 14, 1984, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Office of University Development by William E. (B.I.E. '69) and Lynn Chambers Lust (M.A. '73).

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide one or more scholarships. The recipient(s) of the scholarship(s) shall be a junior or senior in good academic standing, enrolled in the College of Administrative Science majoring in Marketing with an interest in Fashion Merchandising. Also, the recipient must be a U. S. citizen, a resident of the State of Ohio, and have demonstrated financial need. It is requested that first preference shall be given to female applicants.

December 14, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Catherine Chambers Woodward Fund (contd)

Should the scholarship not be awarded by the College of Administrative Science, then a student(s) from the School of Music in their junior or senior year should be selected.

The selection of the recipient(s) is to be made by the appropriate Department Chairperson in cooperation with the Dean of the College and the University Committee on Student Financial Aid.

Should the need for these funds 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 study of fashion merchandising or the School of Music.

Mary Armstrong Andrian Scholarship Fund

The Mary Armstrong Andrian Scholarship Fund was established December 14, 1984, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Thomas George and Mary Armstrong Andrian, 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 is to be used for one or more scholarships with preference for one substantial scholarship rather than several smaller grants, but not to exceed one-half of tuition and fees for the year the scholarship is awarded. The recipient must be an undergraduate enrolled full-time in the College of Home Economics with a major course of study in the Department of Home Economics Education.

Preference for the scholarship is a student(s) from Ashland County, Ohio: first preference, one with financial need; second preference, any other student without need from Ashland County, Ohio. If no student(s) from Ashland County, Ohio, is enrolled, the award may be given to (1) any student who is full-time with a Home Economics Education major and has a demonstrated need, or (2) who has need but does not meet the criteria for need as administered by the Student Financial Aids office. The College of Home Economics Scholarship Committee shall select the latter.

December 14, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Mary Armstrong Andrian Scholarship Fund (contd)

Ashland County recipients are eligible for a repeat award up to four (4) times and others two (2) times as long as they meet current enrollment requirements and continue to be enrolled in the Home Economics Education Department.

If for some reason the award should not be made or all the income should not be awarded in any one year, the unused portion shall be added to the principal.

The selection of the recipient(s) of the scholarship will be made by the College of Home Economics Scholarship Committee and the University Committee on Student Financial Aid.

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 then directly responsible for Home Economics Education.

The Robert J. O'Leary Endowed
Lecture Series Fund

The Robert J. O'Leary Endowed Lecture Series Fund was established December 14, 1984, 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 J. O'Leary, M.A., Social Administration, 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 is to be used to secure a noted lecturer who will be brought to The Ohio State University campus to speak on issues relevant to the human services, the profession of social work, faculty and students of the College and the public at large. The Dean of the College of Social Work will have the sole authority to authorize expenditures from the fund.

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 social work education.

December 14, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Wayne S. Nichols Memorial Fund

The Wayne S. Nichols Memorial Fund was established December 14, 1984, by the Board of Trustees of The Ohio State University, with gifts to the Office of University Development from the family and friends of Wayne S. Nichols, former Director of Ohio Environmental Protection Agency, Ohio Department of Energy and Deputy Director of the Ohio Department of Natural Resources, and Friend of The Ohio State University School of Natural 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 is to be used to support one or more promising student(s) in the School of Natural Resources and to develop nationally significant programs that focus on water resource issues. The Director of the School of Natural Resources shall have authority to authorize expenditure from the fund as approved by the Vice President for Agricultural Administration.

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 recommendation of the appropriate administrative official of the University who is then directly responsible for Natural Resources Education.

The Class of 1982 Library Fund

The Class of 1982 Library Fund was established December 14, 1984, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from members of the Class of 1982.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide acquisition funds for The Ohio State University's library system, toward the purchase of such items as rare books, special collections, and other necessary materials. Funds will be allocated by the authority of the Director of the University Libraries.

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 University's libraries.

December 14, 1984 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 Martha King Scholarship Award

The Martha King Scholarship Award was established December 14, 1984, by the Board of Trustees of The Ohio State University, with gifts from friends and colleagues of Martha L. King, Ph.D. '57, Worthington, Ohio, in recognition for her work in the area of children's language and literacy.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income from the fund is to be used to provide one or more research awards for Ph.D. candidates in the College of Education. Recipients must have successfully completed general examinations and be engaged in studies related to children's development of language and literacy, have experience and interest in finding ways to foster that development in school settings, and have proposed research which has potential for contributing to theory and practice in language education of children.

Award recipient(s) will be selected annually by a College of Education Awards Committee, in coordination with the Dean of the College of Education from recommendations by faculty advisors. Any income not used in a given year should be added to principal.

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 given to recommendations from the administrative official of the University who is then directly responsible for the study of education.

Mary Hannon Gross Memorial Fund

The Mary Hannon Gross Memorial Fund was established December 14, 1984, by the Board of Trustees of The Ohio State University with gifts to the Office of University Development from family and friends in memory of Mrs. Mary Hannon Gross, B.S.Ed. '73.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used for the benefit of the College of Education as determined by the Dean of the College of Education.

December 14, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Mary Hannon Gross Memorial Fund (contd)

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 the preference being given to recommendations from the administrative official of the University who is then responsible for the study of education.

**Samuel G. Huber Undergraduate Teaching
Assistant Award**

The Samuel G. Huber Undergraduate Teaching Assistant Award was established December 14, 1984, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund, from Stanley W. Joehlin, B.Agr.E. and M.S. '60, and other former students and friends of Professor Huber.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide an award to one or more undergraduate student(s) to encourage their entry into graduate work for the purposes of teaching Agricultural Engineering. Undergraduate Agricultural Engineering students who are U. S. citizens and who are eligible for graduate study in Agricultural Engineering and who have expressed an interest in the teaching program of the department through work study programs or regular student employment will be encouraged to apply for the award.

The determination of the type and the amount of awards to be presented annually shall be made by a committee selected by the Department Chairperson consisting of the Chairperson of the Resident Instruction Group, the Chairperson of the Agricultural Engineering Program Committee, the Chairperson of the Agricultural Mechanization and Systems Committee and the Student Representatives of the Resident Instruction Group and the Graduate Committee. Selection should be made prior to the annual Agricultural Engineering Student Banquet, with the recipients being recognized at the banquet.

Should the need for these awards 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 the Department of Agricultural Engineering.

December 14, 1984 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 Charles W. Lifer
4-H Excellence Fund

The Charles W. Lifer 4-H Excellence Fund was established December 14, 1984, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund. This fund was established by Charles W. Lifer, Professor of Agricultural Education and Assistant Director, Ohio Cooperative Extension Service.

All 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 will be used to recognize outstanding Cooperative Extension Service professionals involved in the 4-H program. The Director of the Ohio Cooperative Extension Service, in cooperation with the State 4-H office, shall define the criteria for this award and appoint an appropriate selection committee.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income from the fund may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the Director of the Ohio Cooperative Extension Service.

Marion Campus Minority Scholarship Fund

The Marion Campus Minority Scholarship Fund was established December 14, 1984, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from The Ohio State University Marion Campus Minority Advisory Committee.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide one or more scholarships awarded annually to deserving minority students of merit who are entering The Ohio State University and who enroll at the Marion Campus. The selection of the recipient(s) is to be made upon the recommendation of The Ohio State University Marion Campus Minority Scholarship Committee in consultation with the Dean of the Marion Campus and the University Committee on Student Financial Aids. Consideration shall be limited to students who are residents of the Marion area.

December 14, 1984 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Marion Campus Minority Scholarship Fund (contd)

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 who is responsible for minority scholarships.

Change in Description of Named Funds

The Sphinx Endowment Fund

The Sphinx Endowment Fund was established November 5, 1982, 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 Sphinx Senior Class Honor Society.

All gifts are to be invested in the University's Permanent Endowment, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide funds for any and all of the following:

- (1) One or more scholarships to members of the current class of active Sphinx members who are entering or in their senior year of undergraduate study at The Ohio State University;
- (2) The continued maintenance and addition of class plaques to the Sphinx Plaza;
- (3) To cover the costs of necessary communications with Sphinx members for gift support and reunion activities; and
- (4) The support of current active chapter activities.

Approval of all expenditures will be made by the Sphinx Alumni Council made up of the current active chapter Sphinx President, the Sphinx Faculty Advisor, the Director of Alumni Affairs and three Sphinx alumni appointed by The Ohio State University Alumni Association Board of Directors.

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 of The Ohio State University.

December 14, 1984 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 Pamela J. and Todd C. Stallkamp
Scholarship Fund**

The Pamela J. and Todd C. Stallkamp Scholarship Fund was established July 11, 1975, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Pamela J. Stallkamp, B.S. '64, and Todd C. Stallkamp, B.S. '59, M.D. '64, 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 is to be used to provide one or more scholarships to students enrolled in the College of Medicine and the College of Nursing. The scholarships will be given on alternate years to students enrolled in Medicine and Nursing. Preference in selecting the recipient(s) should be given to former athletes or to students currently participating in intercollegiate athletics. Selection of the recipient(s) is to be made by the University Scholarship Committee upon the recommendations of the Deans of the Colleges of Medicine and Nursing, as appropriate in alternate years.

Should the need for these scholarships 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 the health services program.

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**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS**

Resolution No. 85-64

Synopsis: Contracts have been awarded for the projects listed below to the lowest and best bidders in accordance with University procedures.

WHEREAS resolutions adopted by the Board of Trustees at previous meetings authorized the President and/or Vice President for Business and Finance to sign the plans and specifications and, in accordance with established University procedures, to request bids and, if satisfactory bids were received, to recommend to the Department of Administrative Services, Division of Public Works, the award of contracts for the following projects:

December 14, 1984 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)
WISEMAN HALL RENOVATION

Description: This project will update and remodel the older sections of Wiseman Hall due to deterioration and to comply with accreditation recommendations by providing some space modifications; replacing many doors and frames and many floor, wall and ceiling surfaces; providing new plumbing, environmental control and electrical systems; and replacing outmoded equipment. Construction is scheduled for completion in January 1986.

General Contract

Date Received:	October 25, 1984
No. of Bids:	7
Low Bid:	\$395,350.00*
High Bid:	\$604,800.00*
Estimate of Cost:	\$479,926.00*
Awarded to:	J & M Bennett Co., Columbus, Ohio

Plumbing Contract

Date Received:	October 25, 1984
No. of Bids:	7
Low Bid:	\$ 66,438.00*
High Bid:	\$ 92,850.00*
Estimate of Cost:	\$115,423.00*
Awarded to:	Systems Mechanical Ctrs., Westerville, Ohio

HVAC Contract

Date Received:	October 25, 1984
No. of Bids:	5
Low Bid:	\$132,477.00*
High Bid:	\$157,400.00*
Estimate of Cost:	\$146,698.00*
Awarded to:	A.T.F. Sheet Metal, Inc., Columbus, Ohio

*Recommended alternates reflected in these figures.

December 14, 1984 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

WISEMAN HALL RENOVATION (contd)

Electrical Contract

Date Received:	October 25, 1984
No. of Bids:	7
Low Bid:	\$ 62,500.00*
High Bid:	\$ 82,930.00*
Estimate of Cost:	\$ 72,840.00*
Awarded to:	Demos Electric Co., Columbus, Ohio
Total All Contracts:	\$656,765.00*
Total Contingency Allowance:	\$ 71,761.33 (which is 11 per cent of construction costs)**
Total Project Cost:	\$850,000.00*
Funding:	University Hospitals Funds

* Recommended alternates reflected in these figures.

** Above average contingency allowance due to the unique research performed in Wiseman Hall where field conditions cannot be anticipated.

ROOF REPLACEMENT - JESSE OWENS RECREATIONAL FACILITIES
(NORTH, SOUTH AND WEST)

Description: This project involves the removal and replacement of existing saturated roof insulation; replacement of deteriorated roof deck and application of waterproof membrane over the roof of each of the three designated buildings. The total roof area to be coated is approximately 90,000 square feet. All roofs are to receive a protective coating before the onset of winter. Deck and foam replacement is scheduled to begin in the Spring of 1985 and be completed within sixty days.

General Contract

Date Received:	October 9, 1984
No. of Bids:	2
Low Bid:	\$199,500.00
High Bid:	\$217,777.00

December 14, 1984 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

ROOF REPLACEMENT - JESSE OWENS RECREATIONAL FACILITIES
(NORTH, SOUTH AND WEST) (contd)

General Contract (contd)

Estimate of Cost:	\$313,000.00
Awarded to:	Coldcraft Inc., Newark, Ohio
Total All Contracts:	\$199,500.00
Total Contingency Allowance:	\$ 21,373.04 (which is 11 per cent of construction costs)*
Total Project Cost:	\$225,910.00
Funding:	University Funds B/A 210134 (Contract Repair)

*Contingency includes owner furnished decking material.

NOW THEREFORE

BE IT RESOLVED, That pursuant to the actions previously authorized by the Board, the award of contracts and the establishment of project funds and contingency funds for the projects listed above are hereby approved.

Upon motion of Mrs. Bowser, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution with seven affirmative votes cast by Messrs. Hilliker, Havens, Redman, Immke, Berry and Barone and Mrs. Bowser, and an abstention by Mr. Teaford.

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EASEMENT
OHIO POWER COMPANY

Resolution No. 85-65

Synopsis: Authorization to grant an easement to the Ohio Power Company for the reburial of electric lines is requested.

WHEREAS the Ohio Power Company has requested a 15-year easement consisting of a strip of land 10 feet in width and approximately 520 feet in length for the purpose of reinstalling and maintaining electric lines servicing buildings at the Ohio Agricultural Research and Development Center; and

WHEREAS the electric lines will serve only University facilities; and

December 14, 1984 meeting, Board of Trustees

EASEMENT
OHIO POWER COMPANY (contd)

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 Finance 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. Immke, seconded by Mr. Berry, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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EASEMENT
CITY OF COLUMBUS STORM SEWER

Resolution No. 85-66

Synopsis: Authorization to grant an easement to the City of Columbus for the installation of a storm sewer is requested.

WHEREAS the City of Columbus has requested a 15-year easement consisting of a strip of land over and across a 2.811 acre tract of land at the intersection of Ackerman and Olentangy River Roads for the purpose of installing and maintaining a storm sewer service; and

WHEREAS the storm sewer service will serve University property owned by the State of Ohio and leased to Red Roof Inns, Inc., under a long-term land lease dated July 1, 1984; 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 Finance 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. Immke, seconded by Mrs. Bowser, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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December 14, 1984 meeting, Board of Trustees

EXPRESSION OF APPRECIATION TO
MARILYN GREENWALD

President Jennings made the following statement:

I would like to bring your attention to the fact that a person who has been to some extent a servant of Ohio State will be leaving us. Marilyn Greenwald has taken a new assignment with The Columbus Citizen-Journal. On behalf of the University, I would like to thank her and congratulate her on roughly five years of very professional, thorough and objective service to Ohio State and the community at-large. Marilyn, we will, I'm sure, see you as you go on to bigger and better things.

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EXPRESSION OF APPRECIATION TO JAMES R. COOK
Resolution No. 85-67

WHEREAS James Russell Cook, having served as a staff member of The Ohio State University since November 4, 1969, has expressed a keen interest in pursuing other professional career goals in education outside the University; and

WHEREAS based on performance and merit, Jim Cook has gained wide respect and admiration for the manner in which he has carried out his duties during the past decade, including the assignment of Assistant Secretary to the Board of Trustees; and

WHEREAS his dedication to the University, his unselfish attitude, his creativity, sensitivity, and his demonstrated ability to get the job done have been truly outstanding:

NOW THEREFORE

BE IT RESOLVED, That the Board of Trustees wishes to express its appreciation, thanks and best wishes to Jim and his family as he prepares to leave the University to pursue goals which he judges to be consistent with his long-term professional interest.

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

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UNIVERSITY FOUNDATION
Resolution No. 85-68

WHEREAS it has been determined that there is a need to form a non-profit foundation under the Ohio Non-Profit Corporation Law to advance the interests of The Ohio State University, its students, faculty, staff, alumni and its supporting community; and

December 14, 1984 meeting, Board of Trustees

UNIVERSITY FOUNDATION (contd)

WHEREAS the Foundation is to be organized and shall be operated exclusively for educational, charitable, or scientific purposes by conducting and supporting activities which benefit, or carry out the purposes of The Ohio State University; and

WHEREAS in order to facilitate the general mission of the Foundation, the purposes to be served by the Foundation shall include but not be limited to the following:

- (a) To seek and obtain funds or property in any form to be administered for the benefit of or to carry out the purposes of the University;
- (b) To make distributions in accordance with the terms, if any, of gifts, bequests or devises that are not inconsistent with the purposes of the Foundation or the University;
- (c) To make distributions in accordance with determinations made by the Board of Directors of the Foundation pursuant to their authority as set forth in the Articles of Incorporation;
- (d) To conduct or support programs or projects acceptable to the University which augment the facilities of or otherwise assist the University in the advancement of education, research and service;

NOW THEREFORE

BE IT RESOLVED, That pursuant to the general authority vested in the Board of Trustees by law, The Ohio State University hereby approves the establishment of The Ohio State University Foundation under the laws of Ohio and approves such a relationship between the University and The Ohio State University Foundation which can qualify such Foundation under Section 509 (a) (3) of the United States Internal Revenue Code by reason of the University being a benefited organization; and

BE IT FURTHER RESOLVED, That The Ohio State University gives its consent to The Ohio State University Foundation to use the name, The Ohio State University Foundation; and

BE IT FURTHER RESOLVED, That the President of the University is authorized to execute such documents that are necessary to carry out the establishment of The Ohio State University Foundation and to provide such procedures, rules and agreements for the University's representatives serving in any capacity to assist the Foundation as he deems necessary or desirable to carry out effectively the responsibilities and purposes of the University.

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

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December 14, 1984 meeting, Board of Trustees

REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 85-69

RESOLVED, That the report on the University's Investment Portfolio, dated November 16, 1984, 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, February 1, 1985, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Madison H. Scott
Secretary

D. James Hilliker
Chairman

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